COOPER Lighting

Whether you require
general lighting, accent lighting,
task lighting or emergency lighting,
AtLite has the perfect product
for your application.

AtLite®

AtLite is an IBEW AFL LOCAL 3 employer.

Marathon Surface
Specification

Marathon Recessed
Specification

Rival REUS - Surface
Specification

Rival REUR - Recessed
Specification

XLA1, XLN1, SO1, SP LED
Commercial

FR-XLA1, FR-XLN1 LED
Commercial

XLA2, XLN2 LED
Specification

XLC4 LED Combo
Specification

XLCNY8 LED Combo
Specification

PAL, PNL Contours
Specification

PNLD Series Contours II
Specification

LC2-RU Exit
Specification

PC3 Contours
Specification

PC4-RU Exit w/Heads
Specification

EMERGENCY LIGHTING

A Light Duty
Commercial

A Commercial
Commercial

B Budget
Commercial

CB6 High
Commercial

H Industrial
Industrial

AN Specification
Specification

PC1-10 Contours
Specification

PC1D10 Contours II
Specification

PC2 Polycarbonate
Commercial

PC2D10SQ Contours II
Commercial

T Recessed
Recessed

ST Recessed
Recessed

ROB Recessed Oblong
Recessed

RG Recessed Gimbal
Recessed

RSQ Recessed Square
Recessed

FTP Tamperproof
Specialty

EMERGENCY LIGHTING

SL Stairlite 34
Specialty

FP Battery Pack 35
Specification

RF Surface Heads/Plastic 36
Remote Head

RF Surface Heads/Metal 37
Commercial

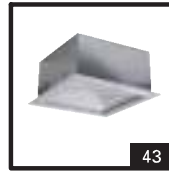**RF Recessed T Bar/Plastic** 38
Commercial

RF Recessed T Bar/Metal 39
Commercial

RF Surface Gimbal 40
Remote

RF Recessed Gimbal 41
Remote

RF Recessed Adjustable 42
Remote

RF Recessed Square 43
Remote

RF Recessed Rectangle 44
Remote

NEMA EXIT & EMERGENCY LIGHTING

X Series NEMA 45
Specification

UX Series 46
Architectural

X Series NEMA 47
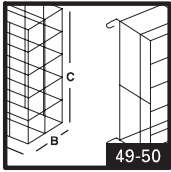Industrial

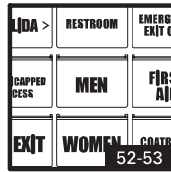**12UEL1 Series** 48
Industrial

EMERGENCY AND EXIT LIGHTING CONTROLS AND ACCESSORIES

49-50
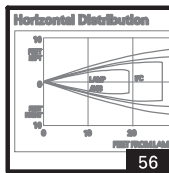
OPTIONS/ACCESSORIES

HEAVY DUTY GUARDS 51

HEAVY DUTY GUARDS

LIDA > | RESTROOM | EMERG EXIT O
CAPPED CESS | MEN | FIRS AID
EXIT | WOMEN | COATR

52-53

MARATHON LEGENDS

STEEL SERIES LEGENDS 54

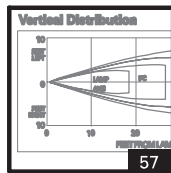**STEEL SERIES LEGENDS**

TECHNICAL INFORMATION

55-57

Technical

56

Photometrics

57

Photometrics

POWER INVERTERS

58-59

ILLUMINATOR II SINGLE PHASE FTC SERIES, ISC SERIES

60

ILLUMINATOR II THREE PHASE SERIES

61

MICRO INVERTER

INDEX

62-63

Index

EXIT LIGHTING

DESCRIPTION

The Marathon Series Exits are designed for architectural excellence and minimal presence. The crystal clear wedge shaped panel allows architectural details to shine through while providing excellent light distribution and exit visibility. Long life, energy efficient LED lamps reduce energy costs and eliminate routine lamp maintenance.

MARATHON
Surface

Aluminum Surface Mount AC Only or Self-Powered LED Edgelit Exit Sign

EXIT LIGHTING

- Dual 120/277 VAC 60Hz input
- Long life energy efficient LED lamps
- Solid-state battery charger and switching in self-powered version
- Brownout circuit; test switch/power indicator light in self-powered version
- Adjustable hanger bars
- Connectors facilitate quick installation and maintenance
- Injection molded high-impact acrylic panel
- NFPA 101 compliant chevron directional indicators (when specified)
- Torsion springs secure trim plate to housing – no visible mounting hardware
- Sealed maintenance-free, long life nickel cadmium battery in self-powered version
- Meets or exceeds all current UL924 requirements, Life Safety Code, NFPA 101, NEC/OSHA and most state and local codes
- Local 3 IBEW

DIMENSIONS

Surface, Wall Mount

16 3/4"
7 3/4"
1 1/4"
3 5/8"
3 1/2"
1 3/4"
4 1/4"
8" Letters – 9 1/2"
6" Letters – 7 1/2"
14"

Surface, Ceiling Mount

16 3/4"
7 3/4"
5/8"
3 5/8"
4 1/4"
8" Letters – 9 1/2"
6" Letters – 7 1/2"
14"

Surface, End Mount

16 3/4"
3 5/8"
5/8"
4 1/4"
7 3/4"
8" Letters – 9 1/2"
6" Letters – 7 1/2"
14"

Surface, Pendant Mount

7 3/4"
5/8"
Standard 6" Others Available
3 5/8"
4 1/4"
8" Letters – 9 1/2"
6" Letters – 7 1/2"
14"
16 1/2"

ORDERING INFORMATION - NEW YORK CITY / ORDERING INFORMATION - NATIONAL

Mounting	Operation	Number of Faces	Letter Size	Letter/Panel Color	Trim Finish	Arrow Direction
SCM Ceiling	A AC Only	1 Single	6 6"	RC Red on Clear (single face only)	SA Satin Alum	AL Arrow Left
SEM End Wall	S Self-powered	2 Double	8 8"	RW Red on White	PA Pol. Alum	AR Arrow Right
SBM Back Wall				RM Red on Mirror Mylar	BR Pol. Brass	LR Double Face Arrows
SPM Pendant				GC Green on Clear (single face only)	BZ Bronze	DH Double Headed Arrows
				GW Green on White	BK Pol. Black	
					WH White	

OPTIONS AND ACCESSORIES

Notes: Green letters available on 6" signs only
N.Y.B.S.A. Calendar (approval) #36168
Custom signage available, contact factory

Mounting
SCM=Ceiling
SEM=End Wall
SBM=Back Wall
SPM=Pendant

Operation
A=AC Only
S=Self-Powered

No. of Faces
1=Single
2=Double

Letter Size
6=6 inch
8=8 inch

Letter/Panel Color
RC=Red on Clear (Single face only)
RW=Red on White
RM=Red on Mirror Mylar
GC=Green on Clear (Single face only)
GW=Green on White
PO=Phosphorescent

Trim Finish
SA=Satin Alum.
PA=Pol. Alum.
BR=Pol. Brass
BZ=Bronze
BK=Pol. Black
WH=White

Arrow Direction
AL=Arrow Left
AR=Arrow Right
LR=Double Face Arrows
DH=Double Headed Arrow

* For Special Sign Legends See pages 52-53

Arrow Direction Key

Cat. Code	Panel Front	Panel Back
AL	<EXIT	Blank
AR	EXIT>	Blank
DH	<EXIT>	<EXIT> (single face or double face)
LR	<EXIT	EXIT> (double face only)

DESCRIPTION

The Marathon Series Exits are designed for architectural excellence and minimal presence. The crystal clear wedge shaped panel allows architectural details to shine through while providing excellent light distribution and exit visibility. Long life, energy efficient LED lamps reduce energy costs and eliminate routine lamp maintenance.
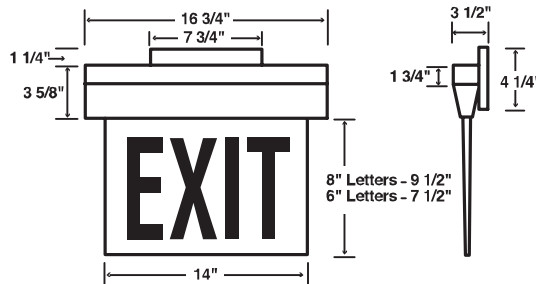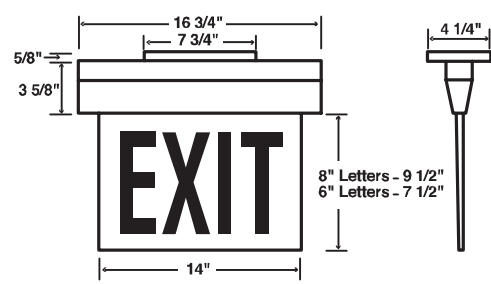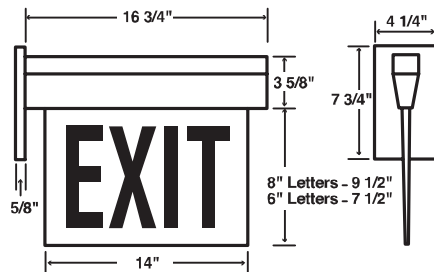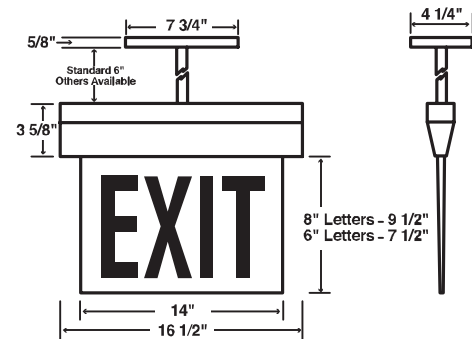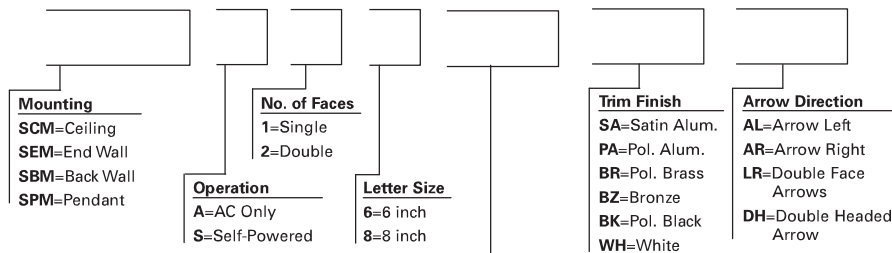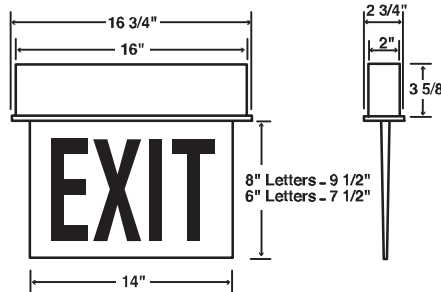
DIMENSIONS

Recessed, Wall Mount

16 3/4"
2 3/4"
3 5/8"
2"
8" Letters – 9 1/2"
6" Letters – 7 1/2"
14"
1"

Recessed, Ceiling Mount

16 3/4"
16"
2 3/4"
2"
3 5/8"
8" Letters – 9 1/2"
6" Letters – 7 1/2"
14"
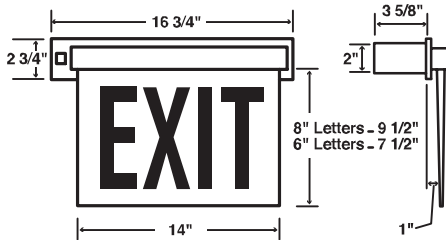
MARATHON
Recessed

Aluminum Trim Recessed
AC Only or Self-Powered
LED Edgelit Exit Sign

EXIT LIGHTING

- Dual 120/277 VAC 60Hz input
- Long life energy efficient LED lamps
- Solid-state voltage charger and switching in self-powered version
- Brownout circuit; test switch/power indicator light in self-powered version
- 18 gauge steel recessed housing with conduit knockouts
- Recessed housing available for ceiling or wall mounting
- Adjustable hanger bars
- Connectors facilitate quick installation and maintenance
- Injection molded high-impact acrylic panel
- NFPA 101 compliant chevron directional indicators (when specified)
- Torsion springs secure trim plate to housing – no visible mounting hardware
- Sealed maintenance-free, long life nickel cadmium battery in self-powered version
- Meets or exceeds all current UL924 requirements, Life Safety Code, NFPA 101, NEC/OSHA and most state and local codes
- Local 3 IBEW

ORDERING INFORMATION - NEW YORK CITY		ORDERING INFORMATION - NATIONAL		

COMPLETE UNIT

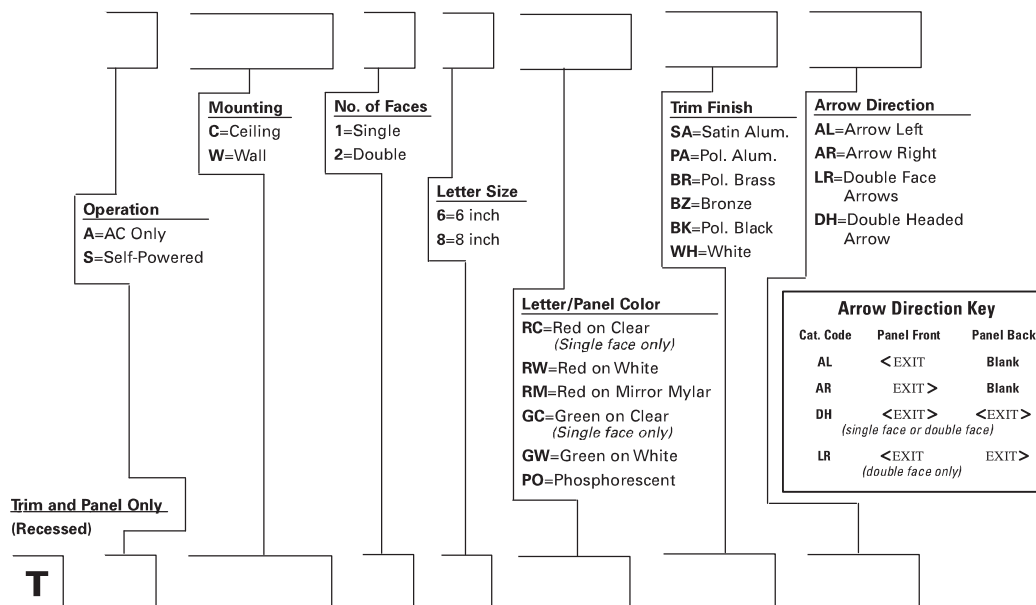| Operation	Mounting	Number of Faces	Letter Size	Letter/Panel Color	Trim Finish	Arrow Direction
A AC Only	C Ceiling	1 Single	6 6"	RC Red on Clear (single face only)	SA Satin Alum	AL Arrow Left
S Self-powered	W Wall	2 Double	8 8"	RW Red on White	PA Pol. Alum	AR Arrow Right
				RM Red on Mirror Mylar	BR Pol. Brass	LR Double Face Arrows
				GC Green on Clear (single face only)	BZ Bronze	DH Double Headed Arrows
				GW Green on White	BK Pol. Black	
					WH White	

Trim and Panel Only **T**
Housing Only **H**

Operation
A AC only
S1 Self-powered single face
S2 Self-powered double face

OPTIONS AND ACCESSORIES

Notes: Green letters available on 6" signs only
N.Y.B.S.A. Calendar (approval) #36168
Custom signage available, contact factory

Complete Recessed Units

Operation
A=AC Only
S=Self-Powered

Mounting
C=Ceiling
W=Wall

No. of Faces
1=Single
2=Double

Letter Size
6=6 inch
8=8 inch

Letter/Panel Color
RC=Red on Clear (Single face only)
RW=Red on White
RM=Red on Mirror Mylar
GC=Green on Clear (Single face only)
GW=Green on White
PO=Phosphorescent

Trim Finish
SA=Satin Alum.
PA=Pol. Alum.
BR=Pol. Brass
BZ=Bronze
BK=Pol. Black
WH=White

Arrow Direction
AL=Arrow Left
AR=Arrow Right
LR=Double Face Arrows
DH=Double Headed Arrow

Arrow Direction Key		
Cat. Code	Panel Front	Panel Back
AL	‹EXIT	Blank
AR	EXIT›	Blank
DH	‹EXIT› (single face or double face)	‹EXIT›
LR	‹EXIT (double face only)	EXIT›

Trim and Panel Only (Recessed)

T

Housing Only (Recessed)

H

Operation
A=AC Only
S1=Self-Powered Single Face
S2=Self-Powered Double Face

*** For Special Sign Legends
See pages 52-53**

RIVAL REUS
SERIES
(Surface Edgelit)

EDGELIT UNIVERSAL EXIT
AC ONLY
SELF-POWERED
SINGLE OR DOUBLE FACE
EMERGENCY LED LAMPS

EXIT LIGHTING

- Dual Voltage Input 120/277 VAC, 60Hz
- Solid-state Voltage Limited Charger, Solid State Switching, Brownout Circuit, Low Voltage Disconnect, Overload/Short Circuit Protection, Test Switch/Power Indicator Light
- Anodized Aluminum housing
- Exit is universal face; single and double face exit lens provided standard
- Black powder coat painted die cast canopy provided
- All components including battery and electronics are located inside the exit housing
- REUS Series Exit can be universally surface mounted, ceiling, wall or end
- Universal J-box mounting pattern
- Injection molded, high impact, clear acrylic panel
- Single or double face panels standard
- Bright red and green letter colors
- Universal, Field installable Chevrons in bright red and green
- Mirror background included with double face exits.
- Edge reflector for optimized efficiency and visibility
- Sealed Lead-Calcium Battery (Self-powered exits only) Maintenance Free, Long Life Full Recharge Time; 24 hrs.(max)
- UL 924 Listed
  ETL Listed
  Life Safety NFPA 101
  NEC/OSHA
  Most State and Local Codes
- **AC LED:** Long life LED lamps provide uniform diffused illumination
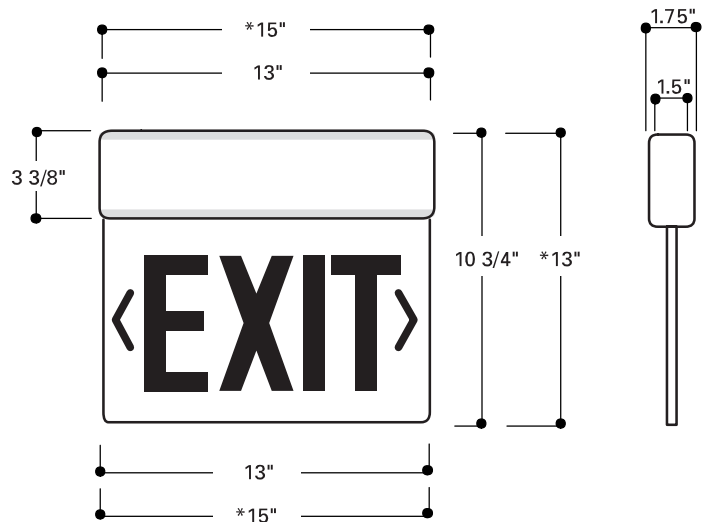 **DC:** LED DC lamps

EXIT LIGHTING

DESCRIPTION

The AtLite Rival Series Edgelit Exit provides an attractive yet easy to install universal edgelit exit sign. The crystal clear lens panel provides excellent light distribution and exit visibility. Long life, energy efficient LED lamps reduce energy costs and eliminate routine lamp maintenance.

All Rival Series Edgelit Exits are provided with universal mounting capability (ceiling, wall or end), universal exit lens (single and double face), and universal, field installable chevrons providing the most versatile edge-lit exit in the market today.
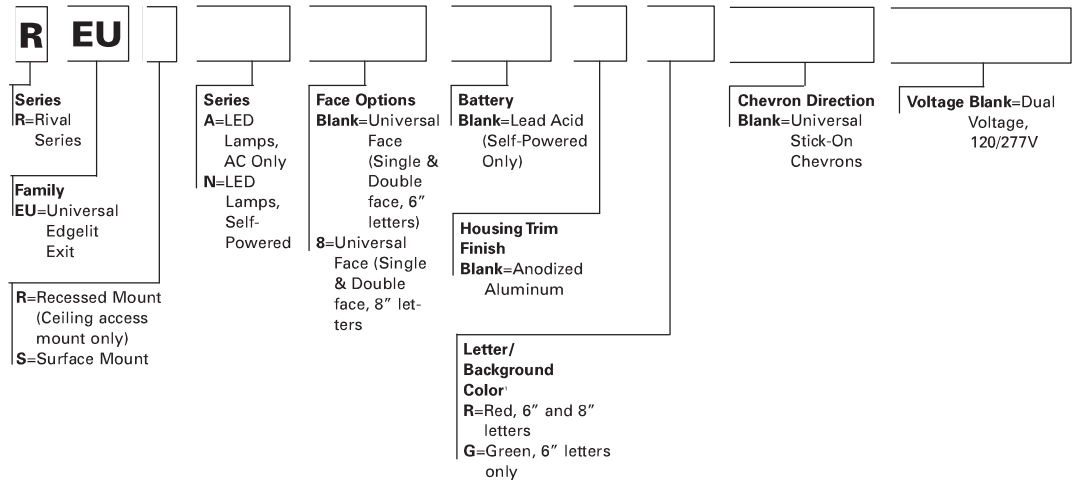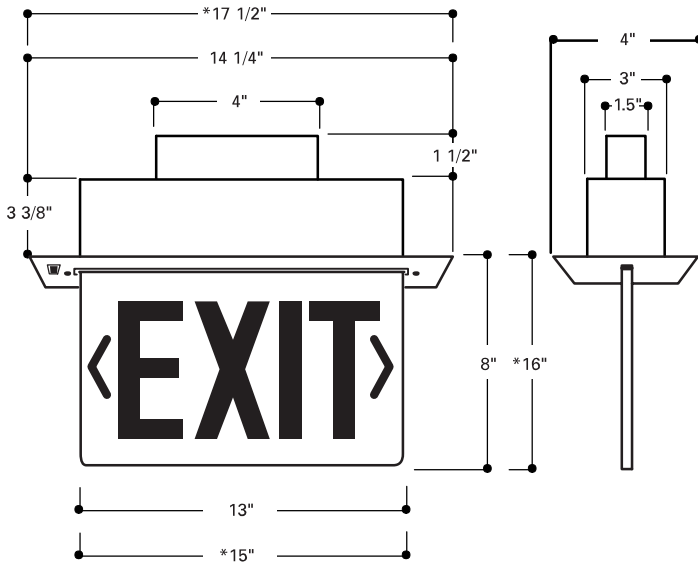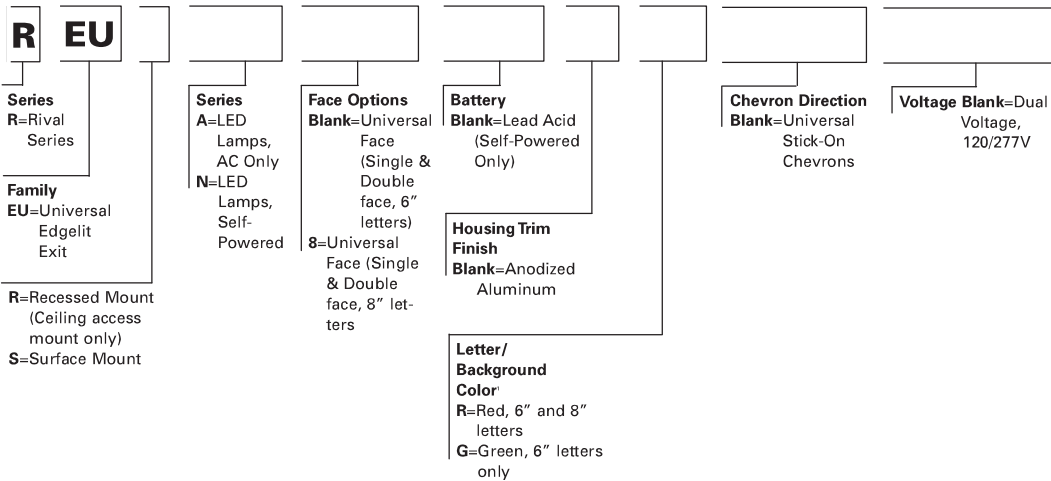
DIMENSIONS

*15"
13"
3 3/8"
10 3/4"   *13"
13"
*15"
1.75"
1.5"

ORDERING INFORMATION–COMPLETE UNIT

SAMPLE NUMBER: REUR70R

| R | EU | | | | | | | |

Series
R=Rival Series

Family
EU=Universal Edgelit Exit

R=Recessed Mount (Ceiling access mount only)
S=Surface Mount

Series
A=LED Lamps, AC Only
N=LED Lamps, Self-Powered

Face Options
Blank=Universal Face (Single & Double face, 6" letters)
8=Universal Face (Single & Double face, 8" letters

Battery
Blank=Lead Acid (Self-Powered Only)

Housing Trim Finish
Blank=Anodized Aluminum

Letter/ Background Color
R=Red, 6" and 8" letters
G=Green, 6" letters only

Chevron Direction
Blank=Universal Stick-On Chevrons

Voltage Blank=Dual Voltage, 120/277V

DIMENSIONS

*17 1/2"
14 1/4"
4"
1 1/2"
3 3/8"
4"
3"
1.5"
8" *16"
13"
*15"

DESCRIPTION

The AtLite Rival Series Edgelit Exit provides an attractive yet easy to install universal edgelit exit sign. The crystal clear lens panel provides excellent light distribution and exit visibility. Long life, energy efficient LED lamps reduce energy costs and eliminate routine lamp maintenance.

All Rival Series Edgelit Exits are provided with universal mounting capability (ceiling, wall or end), universal exit lens (single and double face), and universal, field installable chevrons providing the most versatile edge-lit exit in the market today.

RIVAL REUR
SERIES
(Recessed Edgelit)

EDGELIT UNIVERSAL EXIT
AC ONLY
SELF-POWERED
SINGLE OR DOUBLE FACE
EMERGENCY LED LAMPS

EXIT LIGHTING

- Dual Voltage Input 120/277 VAC, 60Hz

- Solid-state Voltage Limited Charger, Solid State Switching, Brownout Circuit, Low Voltage Disconnect, Overload/Short Circuit Protection, Test Switch/Power Indicator Light

- Anodized Aluminum housing

- Exit is universal face; single and double face exit lens provided standard

- Black powder coat painted die cast canopy provided

- All components including battery and electronics are located inside the exit housing

- REUR Series Exit is recess mounted in accessible ceiling only

- Universal J-box mounting pattern

- Injection molded, high impact, clear acrylic panel

- Single or double face panels standard

- Bright red and green letter colors

- Universal, Field installable Chevrons in bright red and green

- Mirror background included with double face exits.

- Edge reflector for optimized efficiency and visibility

- Sealed Lead-Calcium Battery (Self-powered exits only) Maintenance Free, Long Life Full Recharge Time; 24 hrs.(max)

- UL 924 Listed
  ETL Listed
  Life Safety NFPA 101
  NEC/OSHA
  Most State and Local Codes

- **AC LED:** Long life LED lamps provide uniform diffused illumination
  DC: LED DC lamps

ORDERING INFORMATION - NEW YORK CITY	ORDERING INFORMATION - NATIONAL

ORDERING INFORMATION–COMPLETE UNIT

SAMPLE NUMBER: REUR70R

R	EU							

Series
R=Rival Series

Family
EU=Universal Edgelit Exit

R=Recessed Mount (Ceiling access mount only)
S=Surface Mount

Series
A=LED Lamps, AC Only
N=LED Lamps, Self-Powered

Face Options
Blank=Universal Face (Single & Double face, 6" letters)
8=Universal Face (Single & Double face, 8" letters)

Battery
Blank=Lead Acid (Self-Powered Only)

Housing Trim Finish
Blank=Anodized Aluminum

Letter/ Background Color
R=Red, 6" and 8" letters
G=Green, 6" letters only

Chevron Direction
Blank=Universal Stick-On Chevrons

Voltage Blank=Dual Voltage, 120/277V

ATLITE®

EXIT LIGHTING

DESCRIPTION

The AtLite AC Only XLA1 and Self-Powered XLN1 LED Exit Series feature a rugged steel housing. The battery and electronics are contained within the housing, eliminating the need for a top-mounted power pack, allowing the unit to be mounted over most any doorway. Energy efficient LED illuminator strip provides bright, even illumination in red or green for the six inch and eight inch red letters. The XLA1 and XLN1 are an attractive combination of durable materials and energy saving technology in a compact fixture. The series exceeds all applicable NEC and NFPA requirements and is UL 924 listed.

DIMENSIONS

7 1/2" (191mm)
4 1/2" (114mm)
1" (25mm)
6" = 7 9/16" (192mm)
8" = 10 1/2" (267mm)
6" = 12 1/4" (311mm)
8" = 14 1/2" (368mm)
2 1/4" (57mm)

XLA1, XLN1 LED

Steel AC Only or Self-Powered LED Exit Sign

EXIT LIGHTING

- Dual Voltage Input 120/277 VAC, 60Hz
- Solid-state circuitry–no mechanical relay is used
- Constant current charger
- Sealed, maintenance-free nickel cadmium battery
- Formed 20 gauge steel housing and face plate construction
- Durable powder coat white finish standard; other finishes available
- Easily removed updated directional chevrons
- Variety of electrical and universal J-box mounting knockouts for easy installation
- Low profile canopy
- Meets or exceeds all current UL924 requirements, Life Safety Code, NFPA 101, NEC/OSHA and most state and local codes
- Recessed Version Available
- Local 3 IBEW
- 8" version approved for use in NYC

ORDERING INFORMATION - NEW YORK CITY | ORDERING INFORMATION - NATIONAL

Catalog Number	Operation	Letter Size	Housing	Letter Color	Number of Faces
XLA1	AC only	6 6”	S Steel	R Red	1 One face
XLN1	Self-powered	8* 8”		G Green	1C One face with canopy
					2U Universal, Two faces with canopy and extra backplate

* 8” Letter size available in Red only

ORDERING INFORMATION - NEW YORK CITY | ORDERING INFORMATION - NATIONAL

Steel Exit	Single Face	Ship Wt.	Single Face with Canopy	Ship Wt.	Double Face with Canopy	Ship Wt.	Universal	Ship Wt.
				INCANDESCENT				
Stencil Face-Red								
6” Letters	SR1	5	SR1C	6	SR2C	6	SR2U	7
8” Letters	8SR1	7	8SR1C	8	8SR2C	8	8SR2U	9
Phosphorescent Glass								
6” Letters	SP1	5	SP1C	6	SP2C	6	SP2U	7
8” Letters	8SP1	7	8SP1C	8	8SP2C	8	8SP2U	9
Open Face(6)								
6” Letters	SO1-XXX	5	SO1C-XXX	6	SO2C-XXX	6		
8” Letters	8SO1-XXX	7	8SO1C-XXX	8	8SO2C-XXX	8		

* See Page 54 for Special Sign Legends

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

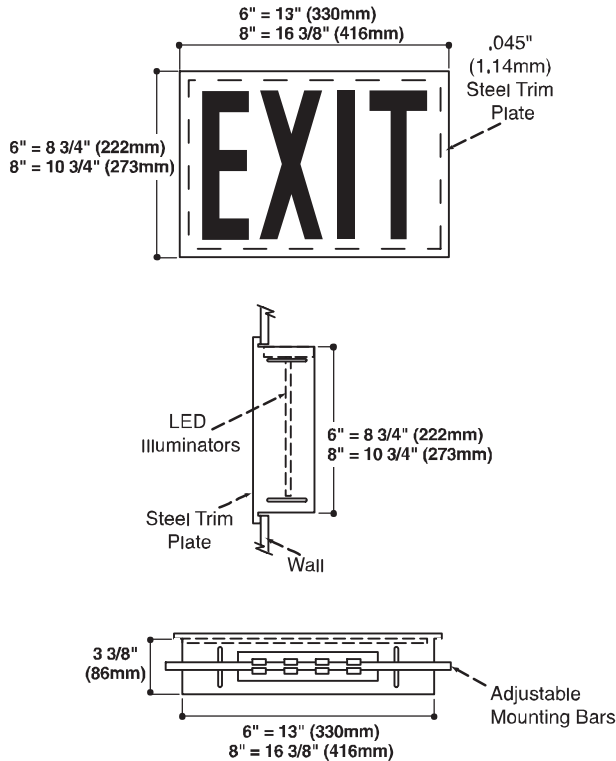| Description	Code
For Self-Powered Units	
Flasher (Emergency only) (3)	F
Buzzer (Emergency only) (3)	BZ
Flasher/Buzzer (Emergency only) (3)	FB
Flasher (On fire signal)(4) 12-48 Volt AC/DC or Dry Contact Control (5)	FA
Buzzer (On fire signal)(4) 12-48 Volt AC/DC or Dry Contact Control (5)	ABZ
Flasher/Buzzer (On fire signal)(4) 12-48 Volt AC/DC or Dry Contact Control (5)	FA/BZ
For AC Only Units	
6 volt DC sockets and lamps, factory installed	EM6
12 volt DC sockets and lamps factory installed	EM12

(3)Activated on utility failure
(4)Activated from fire signal or on utility failure
(5)12-48 Volt AC/DC connection is *isolated*
Note: N.Y.B.S.A. Calendar (approval) #37899
(6)For Special sign legends, See page 52

ACCESSORIES

Description	Code
Canopy Kits	
White	CXW
Black	CXB
6" Stem and canopy kit	
White	STW6
Black	STB6
12" Stem and canopy kit	
White	STW12
Black	STB12
Wire Guard	See page 49

AVAILABLE FINISHES

Description	Code
Black/Silver stencil	BS
Black/Black stencil	BB

DESCRIPTION

The AtLite AC Only FR-XLA1 and Self-Powered FR-XLN1 LED Exit Series feature a fully recessed rugged steel housing. The battery and electronics are contained within the housing, eliminating the need for a top-mounted power pack, allowing the unit to be mounted over most any doorway. Energy efficient LED illuminator strip provides bright, even illumination in red or green for the six inch and eight inch red letters. The FR-XLA1 and FR-XLN1 are an attractive combination of durable materials and energy saving technology in a compact fixture. The series exceeds all applicable NEC and NFPA requirements and is UL 924 listed.

6" = 13" (330mm)
8" = 16 3/8" (416mm)

**.045"
(1.14mm)
Steel Trim
Plate**

6" = 8 3/4" (222mm)
8" = 10 3/4" (273mm)

EXIT

LED
Illuminators

6" = 8 3/4" (222mm)
8" = 10 3/4" (273mm)

Steel Trim
Plate

Wall

**3 3/8"
(86mm)**

Adjustable
Mounting Bars

6" = 13" (330mm)
8" = 16 3/8" (416mm)

FR-XLA1, FR-XLN1 LED

Steel AC Only or Self-Powered LED Exit Sign

EXIT LIGHTING

- Fully Recessed
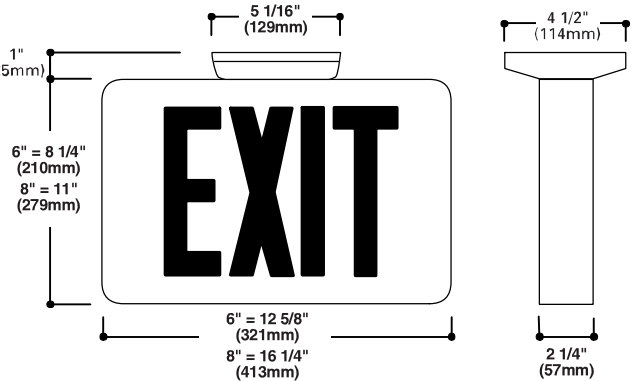
- Dual Voltage Input 120/277 VAC, 60Hz

- Solid-state circuitry–no mechanical relay is used

- Constant current charger

- Sealed, maintenance-free nickel cadmium battery

- Formed 20 gauge steel housing and face plate construction

- Durable powder coat white finish standard; other finishes available

- Easily removed updated directional chevrons

- Variety of electrical and universal J-box mounting knockouts for easy installation

- Low profile canopy

- Meets or exceeds all current UL924 requirements, Life Safety Code, NFPA 101, NEC/OSHA and most state and local codes

- Local 3 IBEW

- 8" version approved for use in NYC

ORDERING INFORMATION - NEW YORK CITY | ORDERING INFORMATION - NATIONAL

	Catalog Number	Operation	Letter Size	Housing	Letter Color
FR-	XLA1	AC only	6 6"	S Steel	R Red
	XLN1	Self-powered	8* 8"		G Green

*8" Letter size available in Red only

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
For Self-Powered Units	
Flasher (Emergency only) [3]	F
Buzzer (Emergency only) [3]	BZ
Flasher/Buzzer (Emergency only) [3]	FB
Flasher (On fire signal) [4] 12-48 Volt AC/DC or Dry Contact Control [5]	FA
Buzzer (On fire signal) [4] 12-48 Volt AC/DC or Dry Contact Control [5]	ABZ
Flasher/Buzzer (On fire signal) [4] 12-48 Volt AC/DC or Dry Contact Control [5]	FA/BZ
For AC Only Units	
6 volt DC sockets and lamps, factory installed	EM6
12 volt DC sockets and lamps factory installed	EM12

[3] Activated on utility failure
[4] Activated from fire signal or on utility failure
[5] 12-48 Volt AC/DC connection is *isolated*
Note: N.Y.B.S.A. Calendar (approval) #37899

ACCESSORIES

Description	Code
Canopy Kits	
White	CXW
Black	CXB
6" Stem and canopy kit	
White	STW6
Black	STB6
12" Stem and canopy kit	
White	STW12
Black	STB12

AVAILABLE FINISHES

Description	Code
Black/Silver stencil	BS
Black/Black stencil	BB

EXIT LIGHTING

DESCRIPTION

The AtLite AC Only XLA2 and Self-Powered XLN2 LED Exit Series feature a specification grade, precision die-cast aluminum housing. The battery and electronics are contained within the housing, eliminating the need for a top-mounted power pack, allowing the unit to be mounted over most any doorway. An energy-efficient LED illuminator strip provides bright, even illumination in red or green for the six inch and red eight inch letters. The XLA2 and XLN2 are a beautiful combination of durable materials and energy saving technology in a smooth, contemporary styled fixture. The series exceeds all applicable NEC and NFPA requirements and is UL 924 listed.

DIMENSIONS

5 1/16" (129mm)
4 1/2" (114mm)
1" (25mm)
6" = 8 1/4" (210mm)
8" = 11" (279mm)
6" = 12 5/8" (321mm)
8" = 16 1/4" (413mm)
2 1/4" (57mm)

XLA2, XLN2 LED

Die-cast Aluminum AC Only or Self-Powered LED Exit Sign

EXIT LIGHTING

- Dual Voltage Input 120/277 VAC, 60Hz
- Solid-state circuitry–no mechanical relay is used
- Constant current charger
- Sealed, maintenance-free nickel cadmium battery
- Durable die-cast aluminum housing and face plate
- Contemporary styled, soft-corner design
- White and black finishes available
- Easily removed updated directional chevrons
- Variety of concealed electrical and universal J-box mounting knock-outs for easy installation
- Low-profile mounting canopy
- Meets or exceeds all current UL924 requirements, Life Safety Code, NFPA 101, NEC/OSHA and most state and local codes
- Local 3 IBEW
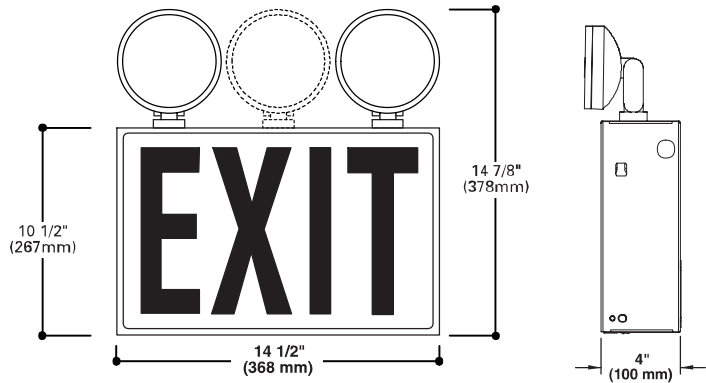- 8" version approved for use in NYC
- Standard finish-black housing; brushed aluminum face (silver)

ORDERING INFORMATION - NEW YORK CITY				ORDERING INFORMATION - NATIONAL	
Catalog Number	Operation	Letter Size	Housing	Letter Color	Number of Faces
XLA2	AC only	6 6"	D Die-cast	R Red	1 One face
XLN2	Self-powered	8 8"		G Green	1C One face with canopy
					2C Two faces with canopy

* 8" Available in Red Letters Only

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
For Self-Powered Units	
Flasher (Emergency only) [3]	F
Buzzer (Emergency only) [3]	BZ
Flasher/Buzzer (Emergency only) [3]	FB
Flasher (On fire signal) [4] 12-48 Volt AC/DC or Dry Contact Control [5]	FA
Buzzer (On fire signal) [4] 12-48 Volt AC/DC or Dry Contact Control [5]	ABZ
Flasher/Buzzer (On fire signal) [4] 12-48 Volt AC/DC or Dry Contact Control [5]	FA/BZ
For AC Only Units	
6 volt DC sockets and lamps, factory installed	EM6
12 volt DC sockets and lamps, factory installed	EM12

[3] Activated on utility failure
[4] Activated from fire signal or on utility failure
[5] 12-48 Volt AC/DC connection is *isolated*; Dry Contact must be user isolated
Note: N.Y.B.S.A. Calendar (approval) #37899

ACCESSORIES

Description	Code
Canopy Kits	
White	DCW
Black	DCB
6" Stem and canopy kit	
White	STDW6
Black	STDB6
12" Stem and canopy kit	
White	STDW12
Black	STDB12
Stainless Steel Tamperproof Screws	TPS
Vandal Resistant Shield	VRS
Wire Guard	See page 49

AVAILABLE FINISHES

Description	Code
White/White stencil	WW
White/Silver stencil	WS
Black/Black stencil	BB

DIMENSIONS
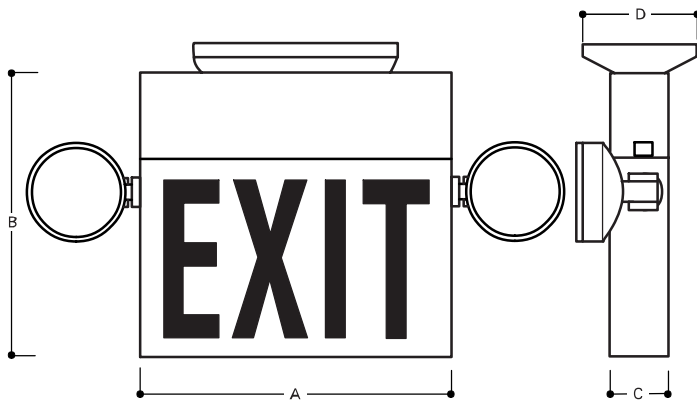
Letters	A	B	C	D
6"	16 5/8" (422mm)	7 9/16" (192mm)	2 1/4" (57mm)	4 1/2" (114mm)
8"	18 7/8" (479mm)	10 1/2" (266mm)	2 1/4" (57mm)	4 1/2" (114mm)

DESCRIPTION

The AtLite Top Power Pack Steel LED Combination Exit/Emergency XLC4 Series is illuminated by a field replicable, high-brightness LED strip. It features the choice of one or two emergency lighting heads, which mount to the side of the unit. The emergency lighting heads are aimable, offering exceptional illumination for safe egress. Extra capacity for use with remote fixtures is available with the XLC4, providing the ability to power additional exit or emergency remote fixtures within the same room or adjacent spaces from the XLC as a central battery packed unit. The series exceeds all applicable NEC and NFPA requirements and is UL 924 listed.

XLC4 LED Combination

Steel Combination
Emergency and
LED Exit Sign

EXIT LIGHTING

- Dual 120/277 VAC, 60Hz input

- Solid-state circuitry–no mechanical relay is used

- Output short-circuit and reverse polarity protected

- Transfer with AC line-latching

- Brown-out protection

- Sealed, maintenance-free lead calcium battery

- Formed 20 gauge steel housing and face plate construction

- Durable powder coat white finish standard; other finishes available

- Easily removed updated directional chevrons

- Variety of electrical and universal J-box mounting knockouts for easy installation

- Low-profile mounting canopy

- Meets or exceeds all current UL924 requirements, Life Safety Code, NFPA 101, NEC/OSHA and most state and local codes

ORDERING INFORMATION - NEW YORK CITY / ORDERING INFORMATION - NATIONAL

Catalog Number	Operation	Letter Size	Housing	Letter Color	Number of Faces	Number of Heads
XLC4[3]	Self-powered combo	6 6" 8 8"[2]	S Steel	R Red G Green	1 One face U Two Faces with canopy and extra backplate	Standard unit has 2 heads 0 No heads 1L One head, left side[1] 1R One head, right side[1]

[1] With one head mounted on main unit
[2] 8" Letters available only in red
[3] Total Wattage = 12 Watts for 6" Exit, 27 Watts for 8" Exit

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
Flasher (Emergency only) [1]	F
Buzzer (Emergency only) [1]	BZ
Flasher/Buzzer (Emergency only) [1]	FB
Flasher (On fire signal)[2] 12-48 Volt AC/DC or Dry Contact Control [3]	FA
Buzzer (On fire signal)[2] 12-48 Volt AC/DC or Dry Contact Control [3]	ABZ
Flasher/Buzzer (On fire signal)[2] 12-48 Volt AC/DC or Dry Contact Control [3]	FA/BZ

[1] Activated on utility failure

[2] Activated from fire signal or on utility failure

[3] 12-48 Volt AC/DC connection is *isolated*; Dry Contact must be user isolated

ACCESSORIES

Description	Code
Canopy Kits	
White	CXW
Black	CXB
6" Stem and canopy kit	
White	STW6
Black	STB6
12" Stem and canopy kit	
White	STW12
Black	STB12
Wire Guard	See page 49
Replacement Lamp-6" Exits	6RW5
Replacement Lamp-8" Exits	6RW12

AVAILABLE FINISHES

Description	Code
White/Silver stencil	WS
Black/Silver stencil	BS
Black/Black stencil	BB

DESCRIPTION

DIMENSIONS

XLCNY8L LED Combination

Steel Combination Emergency and LED Exit Sign

EXIT LIGHTING

The AtLite New York City approved Rear Power-Pack Steel LED Combination Exit/Emergency XLCNY8L Series is illuminated by a field replaceble, high-brightness LED strip. Extra capacity for use with remote fixtures is available, providing the ability to power additional exit or emergency remote fixtures within the same room or adjacent spaces from the XLCNY8L as a central battery packed unit. It features the choice of one, two or three emergency lighting heads, which mount directly to the unit. The emergency lighting heads are aimable, offering exceptional illumination for safe egress. The series exceeds all applicable NEC and NFPA requirements and is UL 924 listed.

10 1/2" (267mm)

14 7/8" (378mm)

14 1/2" (368 mm)

4" (100 mm)

- Dual Voltage Input 120/277 VAC, 60Hz

- Solid-state circuitry–no mechanical relay is used

- Output short-circuit and reverse polarity protected

- Transfer with AC line-latching

- Brown-out protection

- Sealed, maintenance-free lead calcium battery in self-powered version

- Formed 20 gauge steel housing and face plate construction

- Durable powder coat white finish standard; other finishes available

- Easily removed updated directional chevrons

- Variety of electrical and universal J-box mounting knockouts for easy installation

- Low-profile mounting canopy

- Meets or exceeds all current UL924 requirements, Life Safety Code, NFPA 101, NEC/OSHA and most state and local codes

- Local 3 IBEW

ORDERING INFORMATION - NEW YORK CITY			ORDERING INFORMATION - NATIONAL		
Catalog Number	Option	Capacity	Number of Heads	Lamp Type	Optional Remote Capactiy
XLCNY8L[1]	Blank	**Blank** 27 Watts	**Blank** Two Heads	6RW12	**27** 27 Watts extra[2]
XLCNY8SDL[3]	Self-Diagnostic	**54** 54 Watts	**3** Three Heads	6RW9[4]	**54** 54 Watts extra[2]
			1 One Head		
			0 No Heads		

[1] Laser Check is standard on XLCNY8L
[2] With no heads mounted on main unit.
[3] SDL Option includes Self-Diagnostic circuitry with Laser Test capability
[4] Standard on XLCNY8L-3

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
Second Face kit (includes additional red color matched solid diffuser and white stencil)	8RBK
White Housing/Silver Stencil	WS
Black Housing/Silver Stencil	BS
Black Housing/Black Stencil	BB
Heads on the Side	HOS

Note: N.Y.B.S.A. Calendar (approval) #34014

ACCESSORIES

Description	Code
Ceiling Mounting kit (Pendant type for ceiling mounting allowing for lighting heads. 6" stem is standard)	CM
Laser Pointer (For use with SDL option for activating photocell test switch)	LP
Wire Guard	See page 49

Model Number
XLCNY8L
XLCNY8SDL

Capacity
Blank=27 Watts
54=54 Watts

Number of Heads
Blank=Two heads
3=Three heads
1=One heads
0=No heads

AC Input Power (Must be specified)
120=120VAC
277=277VAC

Second Face kit   8RBK

HEADS MAY BE ADJUSTED TO AIM DOWN CORRIDORS

EXIT BOTH SIDES

FLUSH WALL MOUNTING BATTERY PACK

7"
(178mm)

5/8" (16mm)

4 5/8"
(117mm)

8 1/4" (210mm)

12 1/4"
(311mm)

2 1/2"
(64mm)
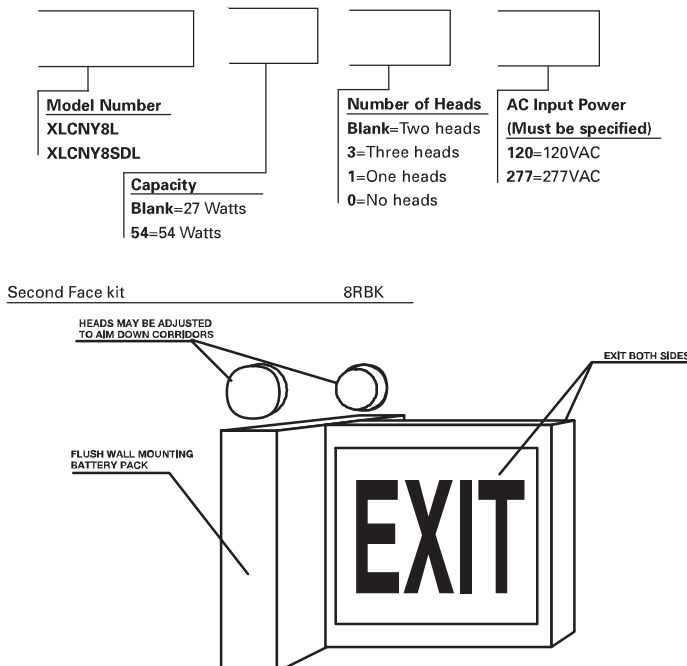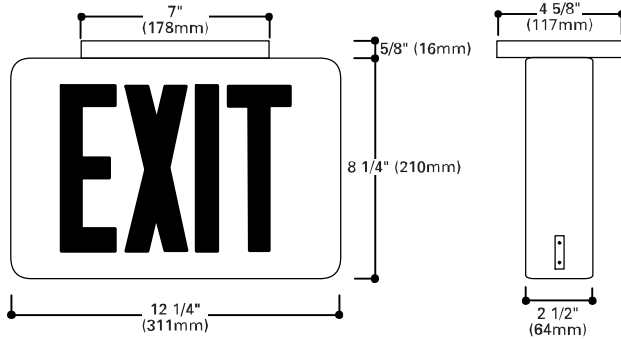
DESCRIPTION

The AtLite Contours AC Only XPAB incandescent, PAL LED and self-powered PNL LED feature a soft-cornered, injection-molded thermoplastic housing. This compact design, with battery and electronics contained within the housing, eliminates the need for a top-mounted power pack; unit can be mounted over most any doorway. The PAL and PNL are illuminated by a field-replaceable, high brightness LED illuminator strip while the XPAB has two traditional incandescent lamps. The Contour Series is available in red and green six inch letters. Exceeds all applicable NEC and NFPA requirements; UL 924 listed.

PAL, PNL Contours

Polycarbonate AC Only or Self-Powered Exit Sign

EXIT LIGHTING

- Dual 120/277 VAC, 60Hz input on XPAL and XPNL

- Solid-state circuitry–no mechanical relay is used

- Constant current charger

- Sealed, maintenance-free nickel cadmium battery

- Snap together, injection-molded plastic construction

- Contemporary styled, soft-corner design

- White and black finishes available

- Easily removed updated directional chevrons

- Variety of electrical and universal J-box mounting knockouts for easy installation

- Low-profile mounting canopy

- Meets or exceeds all current UL924 requirements, Life Safety Code, NFPA 101, NEC/OSHA and most state and local codes

ORDERING INFORMATION - NATIONAL

Catalog Number	Operation & Face Illumination	Letter Color	Number of Faces	Optional Finish
PAB	AC Only Units, Incandescent lamps 120 VAC input only	R Red	1 one face	BLK Black
PAL	AC Only Units, LED Illumination dual voltage 120/277 VAC	G Green	U Universal, Two faces with canopy and extra backplate	
PNL	Self-powered, LED Illumination, dual voltage 120/277 VAC			

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
For Self-Powered Units	
Flasher (Emergency only) [1]	F
Buzzer (Emergency only) [1]	BZ
Flasher/Buzzer (Emergency only) [1]	FB
Flasher (On fire signal)[2] 12-48 Volt AC/DC or Dry Contact Control [3]	FA
Buzzer (On fire signal)[2] 12-48 Volt AC/DC or Dry Contact Control [3]	ABZ
Flasher/Buzzer (On fire signal)[2] 12-48 Volt AC/DC or Dry Contact Control [3]	FA/BZ

[1] Activated on utility failure
[2] Activated from fire signal or on utility failure
[3] 12-48 Volt AC/DC connection is *isolated*; Dry Contact must be user isolated

For AC Only Units	
6 volt DC sockets and lamps, factory installed	EM6
12 volt DC sockets and lamps, factory installed	EM12

ACCESSORIES

Description	Code
Canopy Kits	
White	PCW
Black	PCB
6" Stem and canopy kit	
White	PSTW6
Black	PSTB6
12" Stem and canopy kit	
White	PSTW12
Black	PSTB12
Wire Guard	See page 49

PNLD Series
CONTOURS II

Thermoplastic Exit
Self-Powered
Emergency
LED Lamps

EXIT LIGHTING

- Dual Voltage Input 120/277 VAC, 60Hz

- Solid-state Voltage Limited Charger

- Brownout Circuit

- Test Switch/Power Indicator Light

- All components are injection molded, color stable, high impact thermoplastic material

- Components are of snap-fit construction to facilitate under 5-minute installation

- Reinforcing ribs throughout to provide maximum strength

- Molded-in wireways facilitate internal wire routing and connections

- All components including battery and electronics are located inside the exit housing

- Snap-out or snap-in chevron directional indicators

- Universal exits can be field configured as single face or double face

- Canopy with mounting screws included with all exits

- Exit can be ceiling, wall or end mounted

- Universal J-box mounting pattern

- Sealed Nickel Cadmium battery Maintenance Free, Long Life Full Recharge Time, 24 hrs (max)

- UL 924 Listed
  UL Damp Location Listed
  Life Safety NFPA 101
  NEC/OSHA
  Most State & Local Codes

DESCRIPTION

The PNLD, Contours II Series Exit is the most economical LED exit available in the market for general purpose applications. Its contemporary design with soft corner styling and designer white textured finish enables it to blend easily with any decor. The durable, injection molded, thermoplastic material resists discoloration due to UV radiation and age. The contractor friendly snap fit construction allows for a quick, under 5-minute installation. The energy efficient, no maintenance LEDs provide bright illumination. The space efficient housing internally houses the battery and electronics; it also incorporates molded internal wireways to route wiring and connections, thus avoiding undesirable shadowing of the exit legend. All Self-Powered PNLD Series Exits are available in universal configurations (single and double face) and have universal mounting capability (ceiling, wall, or end).

LAMP DATA

AC LED: Long life LED lamps provide uniform diffused illumination

DC: LED DC lamps
(Brighter in emergency mode)

ENERGY DATA

Charge Mode (Fully Discharged Battery):

Sealed Nickel Cadmium Battery
LED Exits - Red
Input Power:
120V = 2.7W
277V = 2.8W

Input Current (Max.):
120V = .03A
277V = .01A

DIMENSIONS
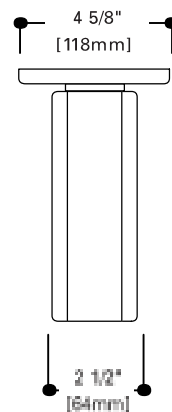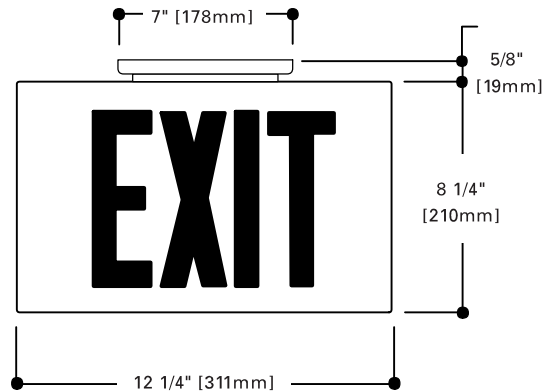
ORDERING INFORMATION - NATIONAL			
Catalog Number	Operation	Letter Color	Number of Faces
PNLD	Self-powered	R Red	U Universal, Two faces with canopy and extra backplate

DIMENSIONS

6" [152mm]

3/4" [19mm]

10" [254mm]

13" [330mm]
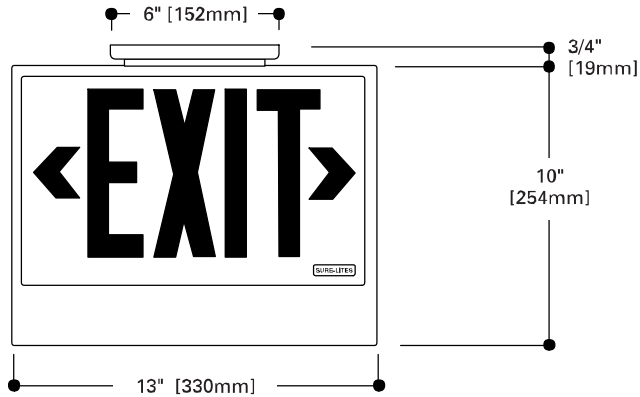
DESCRIPTION

The LC2-RU Exit is an economical, yet attractive, alternative to metal exits. Its contemporary round corner styling, designer white finish, and consistent family appearance enable it to blend with any decor. The tough injection-molded polycarbonate materials resist discoloration due to age and ultraviolet radiation. The structural components are made even stronger with reinforcing ribs throughout. All components, including canopy and chevron directional indicators, are of snap-fit construction to facilitate installation; reliable and labor-saving push-in AC connectors are standard to further improve the installation time to under-5-minutes.

LC2-RU Exit

Polycarbonate
LED Illuminated
Self-Powered Exit
With Available Power
For Remote Heads

ORDERING INFORMATION - NATIONAL

Catalog Number	Operation	Letter Color	Number of Faces
LC2	Self-powered Combo High Power Remote Capacity	R Red	U Universal Two Faces with Canopy and Extra Backplate

ENERGY DATA

Input Power:
120V = 4.9W
277V = 4.7W

Input Current:
120V = .07A
277V = .03A

- Dual 120/277 VAC, 60Hz input
- Solid-state circuitry–no mechanical relay is used
- Output short-circuit and reverse polarity protected
- Transfer with AC line-latching
- Brown-out protection
- Sealed, maintenance-free lead calcium battery
- 11 Watts of Remote Capability
- All components are injection molded, color-stable, high impact UL 94-5VA rated polycarbonate material.
- Easily removed updated directional chevrons
- Variety of electrical and universal J-box mounting knockouts for easy installation
- Low-profile mounting canopy
- Meets or exceeds all current UL924 requirements, Life Safety Code, NFPA 101, NEC/OSHA and most state and local codes

EXIT LIGHTING

PC3Contours

Polycarbonate Combination Emergency and LED Exit Sign

EXIT LIGHTING

- Dual 120/277 VAC, 60Hz input

- Solid-state circuitry–no mechanical relay is used

- Output short-circuit and reverse polarity protected

- Transfer with AC line-latching

- Brownout protection

- Sealed, maintenance-free lead calcium battery

- Snap together, injection-molded plastic construction

- Focus-enhancing emergency lenses

- Contemporary styled, soft-corner design

- White and black finishes available

- Easily removed updated directional chevrons

- Variety of electrical and universal J-box mounting knockouts for easy installation

- Low-profile mounting canopy

- Meets or exceeds all current UL924 requirements, Life Safety Code, NFPA 101, NEC/OSHA and most state and local codes

DESCRIPTION

The AtLite Contours PC3 Combination LED Exit/Emergency Light features a soft-cornered, injection-molded thermoplastic exit and emergency housing. The exit sign is illuminated by a field-replaceable, high brightness LED illuminator strip. The emergency lighting power-pack has two integral PAR 18 incandescent heads, aimable in two planes, enclosed in focus-enhancing lenses. Once aimed, the lamps are secure from unauthorized tampering. The PC3 can also be end-mounted, adding to its already versatile application flexibility, and aimed to provide effective illumination for safe egress. The Contours Series Combination Unit is available in red or green six inch letters. The series exceeds all applicable NEC and NFPA requirements; UL 924 listed.

DIMENSIONS

7" (178mm)
5/8" (16mm)
13 1/4" (337mm)
12 1/4" (311mm)

4 5/8" (117mm)
2 1/2" (64mm)

ORDERING INFORMATION - NATIONAL

Catalog Number	Operation	Letter Color	Number of Faces	Optional Finish
PC3	Self-powered	R Red G Green	1 One face U Universal, Two faces with canopy and extra backplate	BLK Black

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
Flasher (Emergency only) [1]	F
Buzzer (Emergency only) [1]	BZ
Flasher/Buzzer (Emergency only) [1]	FB
Flasher (On fire signal)[2] 12-48 Volt AC/DC or Dry Contact Control [3]	FA
Buzzer (On fire signal)[2] 12-48 Volt AC/DC or Dry Contact Control [3]	ABZ
Flasher/Buzzer (On fire signal)[2] 12-48 Volt AC/DC or Dry Contact Control [3]	FA/BZ

[1] Activated on utility failure
[2] Activated from fire signal or on utility failure
[3] 12-48 Volt AC/DC connection is *isolated*; Dry Contact must be user isolated

ACCESSORIES

Description	Code
Canopy Kits	
White	PCW
Black	PCB
6" Stem and canopy kit	
White	PSTW6
Black	PSTB6
12" Stem and canopy kit	
White	PSTW12
Black	PSTB12
Wire Guard	See page 49

ATLITE®

DIMENSIONS

DESCRIPTION

The PC4-RU Exit with Heads is an economical, yet attractive, alternative to metal exits. The tough injection-molded polycarbonate materials resist discoloration due to age and ultraviolet radiation. All components, including canopy and chevron directional indicators, are of snap-fit construction to facilitate installation; reliable and labor saving push-in AC connectors are standard. The PC4-RU Exit with Heads use energy efficient, long-life LEDs. The low-operating costs and zero-maintenance requirement make LED lamps the wisest choice for exit signs today. The heads employ 6V, 5.4W DC incandescent wedge base lamps. Total capacity is 22 watts.

PC4-RU EXIT WITH HEADS

Polycarbonate
LED Illuminated
Self-powered Exit
and Emergency Light
with Double Heads

EXIT LIGHTING

• Dual 120/277 VAC, 60Hz input

• Solid-state switching

• Solid-state voltage limited charger

• Overload/short-circuit protection

• Transfer with AC line-latching

• Brownout protection

• Sealed, maintenance-free lead calcium battery

• Snap together, injection-molded plastic construction

• Designer-white, textured finish standard

• Impact-resistant, polycarbonate emergency lenses

• Easily removed updated directional chevrons

• Variety of electrical and universal J-box mounting knockouts for easy installation

• Molded-in wireways facilitate internal wire routing and connections

• Meets or exceeds all current UL924 requirements, Life Safety Code, NFPA 101, NEC/OSHA and most state and local codes

ORDERING INFORMATION - NATIONAL

Catalog Number	Operation & Face Illumination	Letter Color	Number of Faces
PC4	Self-powered combo, LED illumination, with Heads	R Red	U Universal, Two faces with canopy and extra backplate

OPTIONS AND ACCESSORIES

ACCESSORIES

Description	Code
Extra red diffuser	LD1
Socket adapter tube (specify socket type)	LA1

EMERGENCY LIGHTING

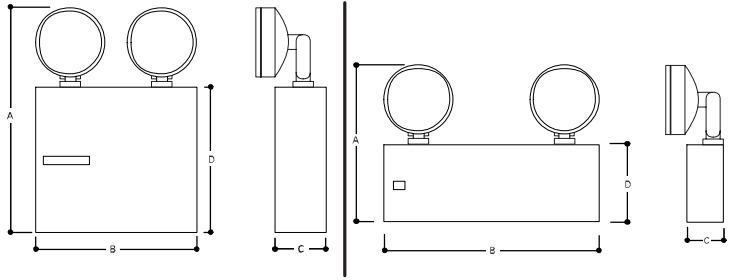## A LIGHT DUTY

Steel Emergency Unit
Incandescent Lamps

EMERGENCY LIGHTING

- Dual 120/77 VAC 60Hz input

- Solid state charging and transfer circuitry (no relays are used)

- Two step charger, temperature compensated

- Circuit is battery short circuit and reverse polarity protected and brownout protected

- Low voltage disconnect

- Meets or exceeds all current UL requirements and applicable sections of the Life Safety Code

- Standard finish, white powder coat

- Housing fabricated with 20 gauge cold rolled steel

- Universal mounting KO's provided

- Battery: Sealed maintenance-free long life lead calcium

- Local 3 IBEW

- Available in black

DESCRIPTION

The A Light Duty is an ideal standard unit for light duty applications. The white powder coat finish unobtrusively blends into the background in any decor. Quality metal construction and electronic reliability combine to make the A Series a popular choice for facilities where moderate loads, economy, ease of installation, safety and reliability are important.

DIMENSIONS

ORDERING INFORMATION - NATIONAL

Catalog No.	Capacity in Watts (Hours)				No. Heads	Watts per Head	Max Remote Heads	Replacement Lamp	Dimensions - (mm)				Ship Wt.
	1.5	2	3	4					A	B	C	D	
6 VOLT													
6AC10	10	--	--	--	2	5.4	--	6RW5	9 15/16" (252)	13 3/8" (340)	2 7/16" (62)	4 15/16" (125)	6

OPTIONS AND ACCESSORIES

ACCESSORIES

Description	Code
Cord Sets	
120 Volt	3 CP
277 Volt (Specify male plug type)	3 OP
Wire Guards (Consult factory)	See page 49

OPTIONS: Add to Catalog No.

Description	Code
Laser Option Installed	L*
Laser Option Installed with pointer supplied	LP*
Halogen Lamp, 6 Volt 6 Watt	6HB6

* See page 49

ATLITE®

DESCRIPTION

The A Commercial Series is an efficient, rugged, commercial grade product designed for the demands of emergency lighting applications. Available in both 6V and 12V models, in a standard white powder coat finish that blends in anywhere. Many options allow customization to fit your specific needs.

DIMENSIONS

A COMMERCIAL

Steel Emergency Unit
Incandescent Lamps

EMERGENCY LIGHTING

- Dual 120/277 VAC 60Hz input

- "Self Check" Diagnostics

- Solid state charging and transfer circuitry (no relays are used)

- Two step charger, temperature compensated

- Brownout protected

- Line latched transfer circuit, output is electronically short circuit and overload protected

- Low voltage disconnect

- Meets or exceeds all current UL requirements and applicable sections of the Life Safety Code

- Standard finish, white powder coat, housing fabricated with 20 gauge cold rolled steel

- Universal mounting KO's provided

- Battery: Sealed maintenance-free long life lead calcium

- Local 3 IBEW

- Available in black

ORDERING INFORMATION - NEW YORK CITY

Catalog No.	Capacity in Watts (Hours) 1.5	2	3	4	No. Heads	Watts per Head	Max Remote Heads	Replacement Lamp	Dimensions - (mm) A	B	C	D	Ship Wt.
6 VOLT													
6ACNY1	27	--	--	--	2	12	--	6RW12	14" (355)	10" (254)	2 5/8" (67)	9" (229)	13
6ACNY4	54	44	--	--	2	12	2	6RW12	14" (355)	13" (330)	2 5/8" (67)	9" (229)	19
6ACNY5	100	75	50	--	2	12	6	6RW12	14" (355)	13" (330)	4 1/8" (165)	9" (229)	22
6ACNY5-3	100	75	50	--	3	12	5	6RW12	14" (355)	13" (330)	4 1/8" (165)	9" (229)	23
12 VOLT													
12ACNY2	27	--	--	--	2	12	--	12RW12	14" (355)	10" (254)	2 5/8" (67)	9" (229)	14
12ACNY3-3	36	--	--	--	3	12	--	12RW12	14" (355)	13" (330)	2 5/8" (67)	9" (229)	17
12ACNY4	54	44	--	--	2	12	2	12RW12	14" (355)	13" (330)	2 5/8" (67)	9" (229)	19
12ACNY4-3	54	--	--	--	3	12	1	12RW12	14" (355)	13" (330)	2 5/8" (67)	9" (229)	20
12ACNY5	100	75	50	45	2	12	6	12RW12	14" (355)	13" (330)	4 1/8" (165)	9" (229)	22
12ACNY5-3	100	--	--	--	3	12	5	12RW12	14" (355)	13" (330)	4 1/8" (165)	9" (229)	23

ORDERING INFORMATION - NATIONAL

Catalog No.	Capacity in Watts (Hours) 1.5	2	3	4	No. Heads	Watts per Head	Max Remote Heads	Replacement Lamp	Dimensions - (mm) A	B	C	D	Ship Wt.
6 VOLT													
6AC27	27	22	18	--	2	9	--	6RW9	14" (355)	10" (254)	2 5/8" (67)	9" (229)	13
6AC54	54	44	36	--	2	9	4	6RW9	14" (355)	13" (330)	2 5/8" (67)	9" (229)	19
6AC100	100	75	50	45	2	9	9	6RW9	14" (355)	13" (330)	4 1/8" (165)	9" (229)	22
12 VOLT													
12AC54	54	44	36	--	2	9	4	12RW9	14" (355)	13" (330)	2 5/8" (67)	9" (229)	19
12AC100	100	75	50	45	2	9	9	12RW9	14" (355)	13" (330)	4 1/8" (165)	9" (229)	22

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
No heads	0
One head	1
Three heads	3
Voltmeter[1]	V
Ammeter[1]	A
Time Delay	TD
Non standard voltages (consult factory)	
Laser Option Installed	L[2]
Laser Option installed with pointer supplies	LP[2]
New York City approved	NY

HALOGEN LAMP OPTIONS:[3]
*only available with OS Head see page 36

Unit	Watt Lamp only	Replacement Lamp No.
6 Volt (all units)	12	6 HB 12*
12 Volt (all units)	12	12 HB 12*

ACCESSORIES

Description	Code
Cord Sets	
120 Volt	3 CP
277 Volt (specify male plug type)	3 OP
Mounting bracket (specify model to be used with)	MBI
Mounting shelf (specify model to be used with)	MS
Wire Guards (consult factory)	See page 49
Remote Fixtures	
To order, see remote fixtures section	

NOTES: N.Y.B.S.A. Calendar (approval) #34013.

[1]Units may **not** be equipped with a voltmeter and ammeter at the same time.

[2]See page 49

[3]When using halogen lamps, total connected lamp load must be at least 80% of 90 min. rating,or premature lamp failure may occur.

EMERGENCY LIGHTING

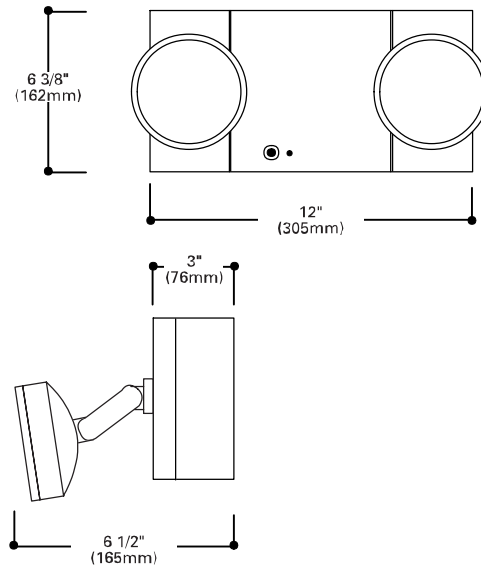## DESCRIPTION

DIMENSIONS

The B Budget Series allows the choice of a variety of sizes to fit into many different installation plans. This low-cost, solid state lighting system has applications in industrial, commercial and institutional settings. Ideal where minimum product cost is demanded without sacrificing dependability.

B BUDGET

Steel Emergency Unit Incandescent Lamps

EMERGENCY LIGHTING

• Dual 120/277 VAC 60Hz input

• Solid state charging and transfer circuitry (no relays are used)

• Two step charger, temperature compensated

• Circuit is battery short circuit and reverse polarity protected

• Brownout protected, line latched transfer circuit, output is electronically short circuit and overload protected – no fuses required

• Low voltage battery disconnect

• Meets or exceeds all current UL requirements and applicable sections of the Life Safety Code

• Standard finish, white powder coat, housing fabricated with 20 gauge cold rolled steel

• Universal mounting KO's and key holes provided

• Battery: Sealed maintenance-free long life lead calcium

• Local 3 IBEW

• Available in black

ORDERING INFORMATION - NEW YORK CITY

Catalog No.	Capacity in Watts (Hours) 1.5	2	3	4	No. Heads	Watts per Head	Max Remote Heads	Replacement Lamp	Dimensions - (mm) A	B	C	D	Ship Wt.
6 VOLT													
6BCNY1	27	22	18	--	2	12	--	6RW12	14" (355)	10" (254)	2 5/8" (67)	9" (229)	6
6BCNY18	18	15	--	--	2	9	--	6RW9	14" (355)	10" (254)	2 5/8" (67)	9" (229)	10
12 VOLT													
12BCNY2	27	22	18	--	2	12	--	12RW12	14" (355)	10" (254)	2 5/8" (67)	9" (229)	13
12BCNY3-3	36	--	--	--	3	12	--	12RW12	14" (355)	13" (330)	2 5/8" (67)	9" (229)	17
12BCNY4	54	44	--	--	2	12	2	12RW12	14" (355)	13" (330)	2 5/8" (67)	9" (229)	19
12BCNY4-3	54	--	--	--	3	12	1	12RW12	14" (355)	13" (330)	2 5/8" (67)	9" (229)	20

ORDERING INFORMATION - NATIONAL

Catalog No.	Capacity in Watts (Hours) 1.5	2	3	4	No. Heads	Watts per Head	Max Remote Heads	Replacement Lamp	Dimensions - (mm) A	B	C	D	Ship Wt.
6 VOLT													
6BC10[1]	10	--	--	--	2	5.4	--	6RW5	9 15/16" (252)	13 3/8" (340)	2 7/16" (62)	4 15/16" (125)	6
6BC15[1]	15	--	--	--	2	7.2	--	6RW7	9 15/16" (252)	13 3/8" (340)	2 7/16" (62)	4 15/16" (125)	8
6BC18[1]	18	15	--	--	2	9	--	6RW9	14" (355)	10" (254)	2 5/8" (67)	9" (229)	10
6BC27	27	22	18	--	2	9	--	6RW9	14" (355)	10" (254)	2 5/8" (67)	9" (229)	13
12 VOLT													
12BC54	54	44	36	--	2	12	2	12RW12	14" (355)	13" (330)	2 5/8" (67)	9" (229)	19

[1] NOTE: No options available

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
No heads	0
One head	1
Three heads	3
Voltmeter[2]	V
Ammeter[2]	A
Time Delay	TD
Non standard voltages (consult factory)	
Laser Option Installed	L*
Laser Option installed with pointer supplied	LP*
New York City Approved	NY

[2] Units may **not** be equipped with a voltmeter and ammeter at the same time.
* See page 49
Note: N.Y.B.S.A. Calendar (approval) #34013

OPTIONS: Add to Catalog No.

HALOGEN LAMP OPTIONS:
*only available with OS Head see page 36

Unit	Watt Lamp only	Replacement Lamp no.
6 Volt (all units)	12	6 HB 12*
12 Volt (all units)	12	12 HB 12*

Note: When using halogen lamps, total connected lamp load must be at least 80% of 90 min. rating, or premature lamp failure may occur.

ACCESSORIES

Description	Code
Cord Sets	
120 Volt	3 CP
277 Volt (specify male plug type)	3 OP
Mounting bracket (specify model to be used with)	MBl
Mounting shelf (specify model to be used with)	MS
Note: MB1 and MS are not available on Catalog #6BC10 and 6BC15	
Wire Guards (consult factory)	See page 49
Remote Fixtures To order, see remote fixtures section	

DESCRIPTION

The CB6 High Series has big power that fits in small places. The large PAR36 type lighting heads are front-mounted, so the unit can be placed up at the ceiling. Your choice of 2 or 3 adjustable lighting heads with halogen lamps. Available options make the CB6 High a very complete emergency light unit that fits in very little space.

DIMENSIONS

6 3/8"
(162mm)

12"
(305mm)

3"
(76mm)

6 1/2"
(165mm)

CB6 High

Steel Emergency Unit
Incandescent Lamps

EMERGENCY LIGHTING

- Dual 120/277 VAC 60Hz input

- Line latching, solid state voltage regulated charger, low voltage disconnect, brownout circuit, short circuit and reverse polarity protection, test switch/power indicator light

- Sturdy, impact-resistant steel housing

- Universal mounting knockout pattern

- PAR36 type halogen heads with glare-free lens and fully adjustable lamp housing available

- Sealed maintenance-free long life lead calcium battery

- Complies with UL 924, Life Safety NFPA 101, CSA certified, NEC/OSHA, most state and local codes

- Local 3 IBEW

- Standard white powder coat finish, available in black

ORDERING INFORMATION - NEW YORK CITY / ORDERING INFORMATION - NATIONAL

Catalog No.	Capacity in Watts (Hours) 1.5	2	3	4	No. Heads	Watts per Head	Lamp Type	Replacement Lamp	Self Diagnostic	Ship Wt.
6 VOLT										
CB6	27	24	18	14	2	12	Incandescent	6RW12	No	13
CB6-54	54	36	27	18	2	12	Incandescent	6RW12	No	13
CB6-54-3	54	36	27	18	3	12	Incandescent	6RW12	No	13
CA6	27	24	18	14	2	12	Incandescent	6RW12	Yes	13
CA6-54	54	36	27	18	2	12	Incandescent	6RW12	Yes	13
CA6-54-3	54	36	27	18	3	12	Incandescent	6RW12	Yes	13
12 VOLT										
CB12	27	22	18	--	2	12	Incandescent	12RW12	No	14
CB12-54	54	36	27	18	2	12	Incandescent	12RW12	No	14
CB12-54-3	54	36	27	18	3	12	Incandescent	12RW12	No	14
CA12	27	22	18	--	2	12	Incandescent	12RW12	Yes	14
CA12-54	54	36	27	18	2	12	Incandescent	12RW12	Yes	14
CA12-54-3	54	36	27	18	3	12	Incandescent	12RW12	Yes	14

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
Voltmeter[1]	V
Ammeter[1]	A
Time Delay	TD
Laser Option Installed	L*
Laser Option installed with pointer supplied	LP*
12 Volt Operation	12
Diagnostic Option	CA6

[1] Units may **not** be equipped with a voltmeter and ammeter at the same time.

* See page 49

Note: N.Y.B.S.A. Calendar (approval) #34013

HALOGEN LAMP OPTIONS:
*only available with OS Head see page 36

Unit	Watt Lamp only	Replacement Lamp no.
6 Volt (all units)	12	6 HB 12*
6 Volt (all units)	20	6 HB 20*

ACCESSORIES

Wire Guards	See page 49

EMERGENCY LIGHTING

DESCRIPTION

The H Industrial Series provides a durable solid-state emergency lighting system for application in industrial and heavy duty commercial facilities. Get reliable performance and freedom from maintenance, and choose from many available options and accessories to customize the installation.

DIMENSIONS
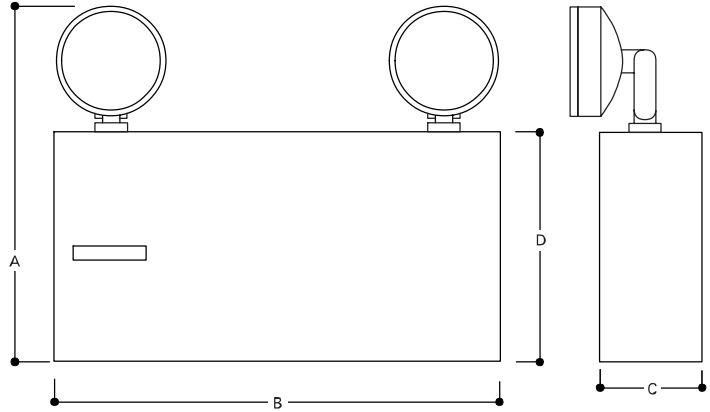
H Industrial

Steel Industrial Grade Emergency Unit Incandescent Lamps

EMERGENCY LIGHTING

- Dual 120/277 VAC 60 Hz input
- Solid state charging and transfer circuitry (no relays are used)
- Two step charger, temperature compenated
- Circuit is battery short circuit and reverse polarity protected
- Brownout protected, line latch transfer circuit
- Output is electronically short circuit and overload protected
- Low voltage disconnect
- Meets or exceeds all current UL requirements and applicable sections of the Life Safety Code
- Standard finish, white powder coat
- Housing fabricated with 18 gauge cold rolled steel.
- Key hole knockouts provided
- 6 or 12 volt long life, maintenance-free, sealed lead calcium battery
- Local 3 IBEW

ORDERING INFORMATION - NEW YORK CITY

Catalog No.	Capacity in Watts (Hours) 1.5	2	3	4	No. Heads	Watts per Head	Max Remote Heads	Replacement Lamp	Dimensions - (mm) A	B	C	D	Ship Wt.
6 VOLT													
6HCNY7	200	150	100	90	2	12	--	6RW12	14" (355)	18 5/8" (473)	4" (102)	9" (229)	38
12 VOLT													
12HCNY7	200	150	100	90	2	12	--	12RW12	14" (355)	18 5/8" (473)	4" (102)	9" (229)	38
12HCNY8	300	225	150	135	2	12	--	12RW12	14" (355)	18 5/8" (473)	7 1/2" (191)	9" (229)	64
12HCNY9	400	300	200	180	2	12	--	12RW12	14" (355)	18 5/8" (473)	7 1/2" (191)	9" (229)	74

ORDERING INFORMATION - NATIONAL

Catalog No.	Capacity in Watts (Hours) 1.5	2	3	4	No. Heads	Watts per Head	Max Remote Heads	Replacement Lamp	Dimensions - (mm) A	B	C	D	Ship Wt.
6 VOLT													
6HC200	200	150	100	90	2	9	--	6RW9	14" (355)	18 5/8" (473)	4" (102)	9" (229)	38
12 VOLT													
12HC200	200	150	100	90	2	9	--	12RW9	14" (355)	18 5/8" (473)	4" (102)	9" (229)	38
12HC300	300	225	150	135	2	9	--	12RW9	14" (355)	18 5/8" (473)	7 1/2" (191)	9" (229)	64
12HC400	400	300	200	180	2	9	--	12RW9	14" (355)	18 5/8" (473)	7 1/2" (191)	9" (229)	74

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
No heads	0
One head	1
Three heads	3
Voltmeter[1]	V
Ammeter[1]	A
Time Delay	TD
Laser Option Installed	L*
Laser Option installed with pointer supplied	LP*
New York City Approved	NY

* See page 49

Non standard voltages (consult factory)

[1]Units may **not** be equipped with a voltmeter and ammeter at the same time.

Notes: N.Y.B.S.A. Calendar (approval) #34013
MS included on 300w and 400w models.

HALOGEN LAMP OPTIONS:

*only available with OS Head see page 36

Unit	Watt Lamp only	Replacement Lamp no.
6 Volt (all units)	12	6 HB 12*
12 Volt (all units)	12	12 HB 12*

Note: When using halogen lamps, total connected lamp load must be at least 80% of 90 min. rating, or premature lamp failure may occur.

ACCESSORIES

Description	Code
Cord Sets	
120 Volt	3 CP
277 Volt (specify male plug type)	3 OP
Mounting bracket (specify model to be used with)	MBI
Mounting shelf (specify model to be used with)	MS
Wire Guards (consult factory)	See page 49
Remote Fixtures To order, see remote fixtures section	

ATLITE®

DESCRIPTION

The AN Specification Series meets the standards of architectural requirements while providing many options and accessories to customize any installation.

DIMENSIONS
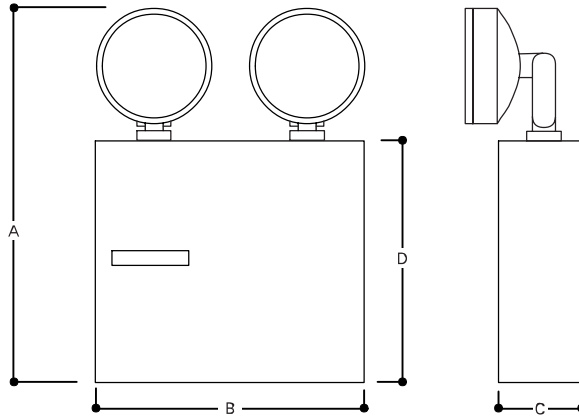
AN Specification
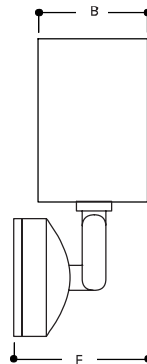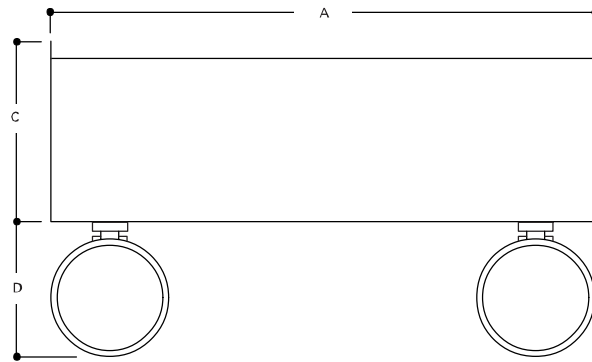
Steel Specification Grade Emergency Unit Incandescent Lamps

EMERGENCY LIGHTING

- Dual 120/277VAC 60Hz input

- Solid state charger and transfer circuitry (no relays or fuses)

- Momentary test switch; circuit is battery short circuit protected

- Brown out protection, low voltage disconnect

- 6 or 12 volt long life, maintenance-free, sealed nickel cadmium battery

- Meets or exceeds all current UL 924 requirements, and applicable sections of the Life Safety Code

- Standard finish, durable white powder coat.

- Steel units fabricated of 20 gauge steel

- Conduit knockouts and rear keyhole mounting knockouts provided

- Local 3 IBEW

ORDERING INFORMATION - NEW YORK CITY							ORDERING INFORMATION - NATIONAL						
Catalog No.	Capacity in Watts (Hours)				No. Heads	Watts per Head	Max Remote Heads	Replacement Lamp	Dimensions - (mm)				Ship Wt.
	1.5	2	3	4					A	B	C	D	
6 VOLT													
6AN25	25	20	14	10	2	12	--	6RW12	14" (355)	10" (254)	2 5/8" (67)	9" (229)	13
12 VOLT													
12AN50	50	36	25	10	2	12	--	12RW12	14" (355)	13" (330)	2 5/8" (67)	9" (229)	15
12AN72	72	60	50	36	2	12	--	12RW12	14" (355)	13" (330)	2 5/8" (67)	9" (229)	22

OPTIONS AND ACCESSORIES

ACCESSORIES

Description	Code
Cord Sets	
120 Volt	3 CP
277 Volt (Specify male plug type)	0 CP
Mounting Bracket	MB
Mounting Shelf	MS
Wire Guards	GXBW

OPTIONS: Add to Catalog No.

Description	Code
No heads	0
One head	1
Three heads	3
Voltmeter	V
Time Delay	TD
NewYork City Approved	NY
Laser Option Installed	L*
Laser Option installed with pointer supplied	LP*
Halogen Lamp, 6 Volt 12 Watt	6HB12
Halogen Lamp, 12 Volt 12 Watt	12HB12

* See page 49

EMERGENCY LIGHTING

DESCRIPTION

The PC1-10 Contours Series features elegant contemporary styling in a compact package. The adjustable lighting heads are enclosed in focus-enhancing compartments. Optional features provide a broad range of choices for emergency lighting.

DIMENSIONS

7" (178mm)

5" (127mm)

12 1/4" (311mm)

2 1/2" (64mm)
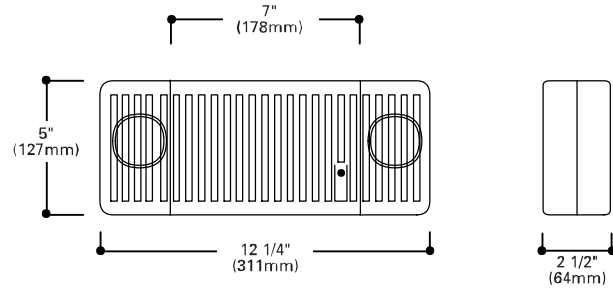
PC1-10 Contours

Polycarbonate Emergency Unit Incandescent Lamps

EMERGENCY LIGHTING

- Dual 120/277VAC 60Hz input

- Made of high impact, mar-resistant, injection molded thermoplastic

- Two directional PAR18 incandescent gimbal type lighting heads

- 10 total watts for 1.5 hours

- Optional black finish available

- Accessorize with canopy or stem and canopy kits

- Maintenance free-lead calcium battery

- Solid state charger with emergency output short-circuit and reverse polarity protection

- AC line-latching

- Temperature compensated

- Brownout circuit

- Low battery voltage circuit

- Meets UL 924 requirements

ORDERING INFORMATION - NATIONAL

Catalog No.	Operation	Optional Finish
PC1-10(1)	Emergency Light, dual voltage, 120/277VAC, 60 Hz	BLK Black

(1)White standard finish.

OPTIONS AND ACCESSORIES

ACCESSORIES

Description	Code
Canopy Kits	
White	PCW
Black	PCB
6" Stem and canopy kit	PST6
12" Stem and canopy kit	PST12
Wire Guard	See page 49

ATLITE®

DESCRIPTION

The PC1D10, Contours II Series Emergency Lighting Unit is the ideal choice where simple installation and a thermoplastic housing is demanded. Its contemporary round corner styling and designer finish enables it to blend with any decor. The components are injection molded from tough thermoplastic materials which resist discoloration due to age and ultraviolet radiation. The injection molded structural components are reinforced with ribs throughout. The housing and mounting plate employ snap-fit construction; the reliable and labor-saving quick connect AC connector further improves the installation time. The under 5-minute installation time of the PC1D10 Emergency Lighting Unit makes it one of the fastest installed units on the market today.

DIMENSIONS

5 1/8"
[130mm]

11 3/16"
[300mm]
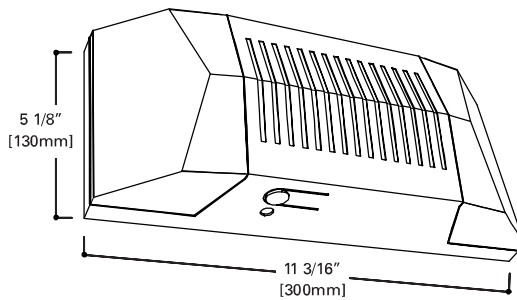
PC1D10
CONTOURS II
SERIES

UL DAMP LOCATION
LISTED

SEALED LEAD
CALCIUM BATTERY

EMERGENCY LIGHTING

•   Dual Voltage Input 120/277 VAC, 60Hz

•   Line-Latching

•   Brownout Circuit

•   Low Voltage Disconnect

•   Test Switch/Power Indicator Light

•   Quick connect AC power connector facilities installation

•   All components are injection molded, color stable, high impact thermoplastic material

•   Designer textured finish standard

•   Components are of snap-fit construction to facilitate under 5-minute installation

•   Reinforcing ribs throughout to provide maximum strength

•   Suitable for wall or ceiling mount applications

•   Universal J-box mounting pattern

•   Keyhole mounting slots

•   Sealed Lead Calcium, recombination battery. Maintenance free, long life. Full recharge time:48 hrs. (max). Polarized battery terminals.

•   UL 924 Listed UL Damp Location Listed Life Safety NFPA 101 NEC/OSHA Most State & Local Codes

•   Glare-free lens,High impact thermoplastic, Lenses are designed to distribute light forward and down towards path of egress

ORDERING INFORMATION - NATIONAL

Catalog No.	Capacity in Watts (Hours)				No. Heads	Watts	Lamp Type	Replacement Lamp	Ship Wt.
	1.5	2	3	4					
					6 VOLT				
PC1D10(1)	10.8	7.2	--	--	2	5.4	Incandescent	6RW5	--

(1)White standard finish

ATLITE®

PC2
Polycarbonate

Polycarbonate Emergency Unit
Incandescent Lamps

EMERGENCY LIGHTING

• Dual voltage input 120/277 VAC , 60Hz

• Line-latching, solid state voltage and current limited charger, solid state transfer

• Brownout circuit, low voltage disconnect, overload/short circuit protection, test switch/ power indicator light

• Push-in AC power connectors facilitate installation

• Designer white textured finish standard; black finish optional

• All components are injection molded, color stable, high impact UL94-5V rated polycarbonate material

• Components are of snap-fit construction to facilitate under 2-minute installation

• Cutouts provided in housing for surface conduit attachment

• Wall or ceiling mount applications

• Universal J-box knockout pattern with keyhole knockout slots

• Sealed maintenance-free, long life lead calcium battery

• Complies with UL 924, Life Safety NFPA 101, CSA certified, Damp location listed, EC/OSHA, most state and local codes

DESCRIPTION

The PC2 Polycarbonate Series is the ideal choice where simple installation and a thermoplastic housing are required. The designer white textured finish and contemporary round corner styling allow it to blend with any decor. Snap-fit construction and push-in AC connectors, giving an under 2-minute installation time, make this the fastest installed unit on the market today. Both lighting heads are fully adjustable, and a variety of battery capacities satisfies a wide range of applications , including damp locations.

DIMENSIONS
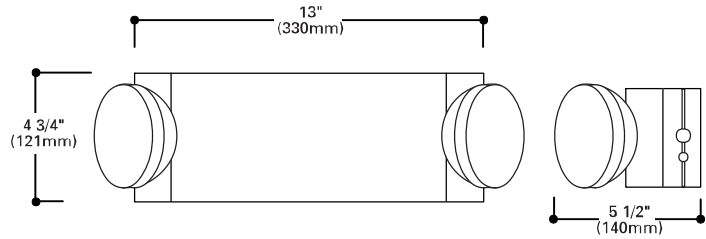
13" (330mm)

4 3/4" (121mm)

5 1/2" (140mm)

ORDERING INFORMATION - NATIONAL

Catalog No.	Capacity in Watts (Hours)				No. Heads	Watts per Head	Max Remote Heads	Lamp Type	Specify Housing for all Models
	1.5	2	3	4					
6 VOLT									
PC2-10	10.8	7.2	--	--	2	5.4	--	Incandescent	WH White
PC2-27	27	24	18	14	2	9[(1)]	--	Incandescent	WH White

[(1)]9 watts available for remote use. Full load of 27 watts will run for 90 minutes

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
Black	BLK
Voltmeter*	V
Ammeter*	A
*(Provision for one meter only)	
Self-diagnostics	SD
Laser Option Installed	L*
Laser Option installed with pointer supplies	LP*

* * See page 49*

ACCESSORIES

Description	Code
Wire Guard	WG-1
	See page 49

DESCRIPTION

The PC2D10SQ, Contours II Series Emergency Lighting Unit is the ideal choice where simple installation and a thermoplastic housing is demanded. Its contemporary round corner styling and designer finish enables it to blend with any decor. The components are injection molded from tough thermoplastic materials which resist discoloration due to age and ultraviolet radiation. The injection molded structural components are reinforced with ribs throughout. The housing and mounting plate employ snap-fit construction; the reliable and labor-saving quick connect AC connector further improves the installation time. The under 5-minute installation time of the PC2D10SQ Emergency Lighting Unit makes it one of the fastest installed units on the market today. Both lighting heads are fully adjustable, insuring that light can be put where it is needed.

DIMENSIONS
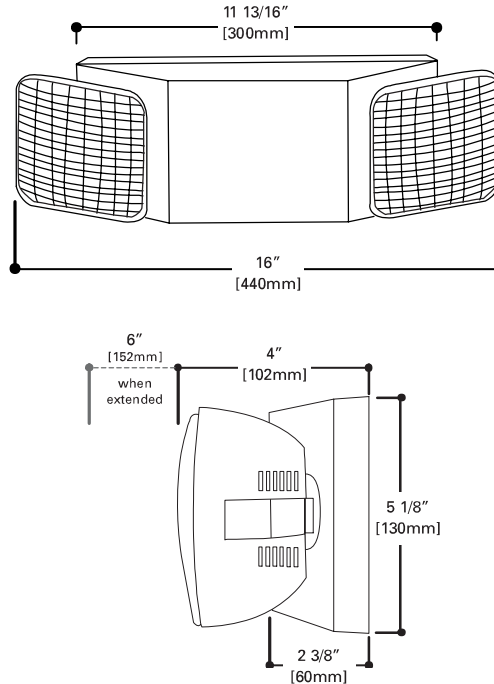
11 13/16"
[300mm]

16"
[440mm]

6"
[152mm]
when extended

4"
[102mm]

5 1/8"
[130mm]

2 3/8"
[60mm]

PC2D10SQ
Contours II Series

UL Damp Location Listed
Sealed Lead Calcium Battery

EMERGENCY LIGHTING

• Dual Voltage Input 120/277 VAC, 60Hz

• Line-Latching

• Brownout Circuit

• Low Voltage Disconnect

• Test Switch/Power Indicator Light

• Quick connect AC power connector facilitates installation

• All components are injection-molded, color stable, high impact thermoplastic material

• Designer textured finish standard

• Components are of snap-fit construction to facilitate under 5-minute installation

• Reinforcing ribs throughout to provide maximum strength

• Suitable for wall or ceiling mount applications

• Universal J-box mounting

• Keyhole mounting slots

• Sealed Lead Calcium battery

• Maintenance free, long life

• Full recharge time:48 hours (max)

• Polarized battery terminals

• UL 924 Listed
  UL Damp Location Listed
  Life Safety NFPA 101
  NEC/OSHA
  Most State & Local Codes

• Two heads standard
  Square Head Type Design
  Glare-free lens
  Fully adjustable lamp housing
  High Impact thermoplastic
  Matches housing finish

ORDERING INFORMATION - NATIONAL

| Catalog No. | Capacity in Watts (Hours) | | | | No. Heads | Watts | Lamp Type | Replacement Lamp | Ship Wt. |
	1.5	2	3	4					
6 VOLT									
PC2D10SQ(1)	10.8	7.2	--	--	2	5.4	Incandescent	6RW5	--

(1)White standard finish

EMERGENCY LIGHTING

T RECESSED

**Steel Recessed
Emergency Unit
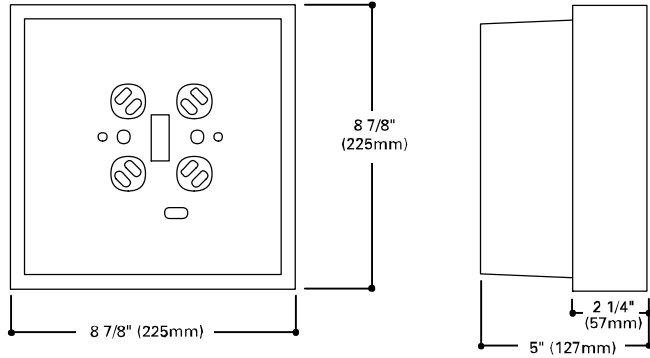Incandescent Lamps**

EMERGENCY LIGHTING

- Dual 120/277 VAC 60Hz input

- Solid state charging and transfer circuitry (no relays are used)

- Two step charger, temperature compenated

- Circuit is battery short circuit and reverse polarity protected

- Brownout protected

- Line latched transfer circuit, output is electronically short circuit and overload protected

- Low voltage disconnect

- Meets or exceeds all current UL requirements and applicable sections of the Life Safety Code

- Standard white powder coat finish, available in black

- Housing fabricated with 20 gauge cold rolled steel

- 6 or 12 volt long life, maintenance-free, sealed lead calcium battery

- Lay-in installation in T-bar grid ceiling; mounting brackets are secured to ceiling with tie wires

- Enclosure has removable cover for full access to battery and electronics

- Local 3 IBEW

DESCRIPTION

The T Recessed Series combines a contemporary appearance with several configuration options in a recessed unit designed to mini-mize overhead obstacles. The unit is ideal for locations with limited wall space and where panoramic positioning is needed for ceiling mounted lampholders to provide proper light distribu-tion for stores, offices, hospitals and school corridors.

DIMENSIONS

ORDERING INFORMATION - NEW YORK CITY

Catalog No.	Capacity in Watts (Hours) 1.5	2	3	4	No. Heads	Watts per Head	Max Remote Heads	Replacement Lamp	Dimensions - (mm) A	B	C	D	E	Ship Wt.
6 VOLT														
6TCNY1	27	--	--	--	2	12	--	6RW12	23 7/8" (606)	4 3/4" (121)	8" (203)	6" (152)	5 7/8" (149)	16
6TCNY4	54	--	--	--	2	12	2	6RW12	23 7/8" (606)	4 3/4" (121)	8" (203)	6" (152)	5 7/8" (149)	22
6TCNY5	100	--	--	--	2	12	6	6RW12	23 7/8" (606)	4 3/4" (121)	8" (203)	6" (152)	5 7/8" (149)	24
12 VOLT														
12TCNY4	54	--	--	--	2	12	2	12RW12	23 7/8" (606)	4 3/4" (121)	8" (203)	6" (152)	5 7/8" (149)	22
12TCNY5	100	--	--	--	2	12	6	12RW12	23 7/8" (606)	4 3/4" (121)	8" (203)	6" (152)	5 7/8" (149)	24

ORDERING INFORMATION - NATIONAL

Catalog No.	Capacity in Watts (Hours) 1.5	2	3	4	No. Heads	Watts per Head	Max Remote Heads	Replacement Lamp	Dimensions - (mm) A	B	C	D	E	Ship Wt.
6 VOLT														
6TC27	27	22	18	--	2	9	1	6RW9	23 7/8" (606)	4 3/4" (121)	8" (203)	6" (152)	5 7/8" (149)	16
6TC54	54	44	36	--	2	9	4	6RW9	23 7/8" (606)	4 3/4" (121)	8" (203)	6" (152)	5 7/8" (149)	22
6TC100	100	75	50	45	2	9	9	6RW9	23 7/8" (606)	4 3/4" (121)	8" (203)	6" (152)	5 7/8" (149)	24
12 VOLT														
12TC54	54	44	36	--	2	9	4	12RW9	23 7/8" (606)	4 3/4" (121)	8" (203)	6" (152)	5 7/8" (149)	22
12TC100	100	75	50	45	2	9	9	12RW9	23 7/8" (606)	4 3/4" (121)	8" (203)	6" (152)	5 7/8" (149)	24

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
No heads	0
One head	1
Three heads	3
Voltmeter	V
Ammeter	A
Time Delay	TD
Non standard voltages (consult factory)	
Laser Option Installed	L*
Laser Option installed with pointer supplied	LP*
New York City Approved	NY

(2) Units may **not** be equipped with a voltmeter and ammeter at the same time.
 * See page 49

HALOGEN LAMP OPTIONS:
*only available with OS Head see page 36

Unit	Watt Lamp only	Replacement Lamp no.
6 Volt (all units)	12	6 HB 12*
12 Volt (all units)	12	12 HB 12*

Note: When using halogen lamps, total connected lamp load must be at least 80% of 90 min. rating, or premature lamp failure may occur.

DESCRIPTION

The ST Recessed Series is a full 6 or 12 volt system packaged in an attractive metal housing. Ideal for locations with limited height availability where the size of emergency lighting must be kept to a minimum without sacrificing dependability or light output.

DIMENSIONS

23 1/8" (587mm)
18" (457mm)

12" (305mm)
9" (229mm)

3" (76mm)

5" (127mm)
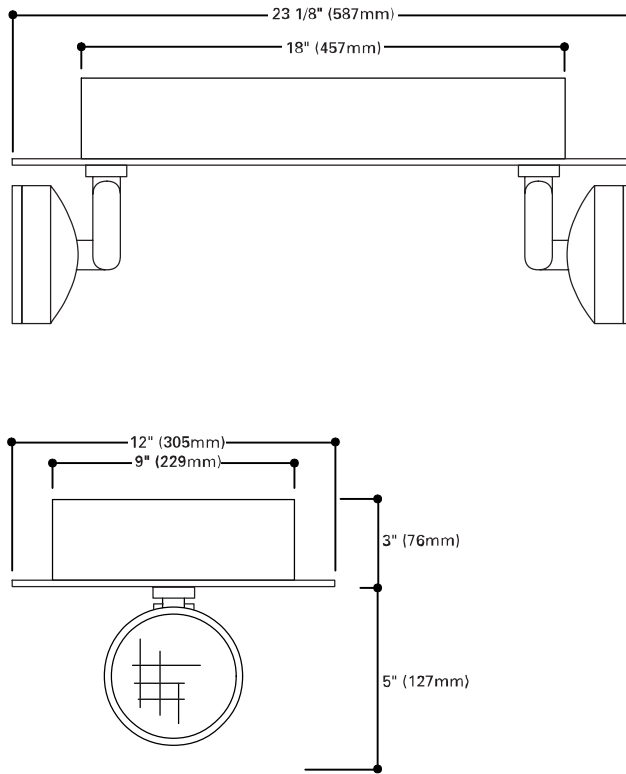
ST Recessed

Shallow Steel Recessed Emergency Unit Incandescent Lamps

EMERGENCY LIGHTING

- Dual 120/277 VAC 60Hz input

- Solid state charger and transfer circuitry (no relays or fuses)

- Two step charger, temperature compensated

- Circuit is battery short circuit and reverse polarity protected

- Brownout protection, low voltage disconnect.

- 6 or 12 volt long life, maintenance-free, sealed lead calcium (standard) or nickel cadmium battery

- Meets or exceeds all current UL 924 requirements and applicable sections of the Life Safety Code

- Standard finish, durable white powder coat

- Steel units fabricated of 18 gauge steel. For lay-in installation in T-bar grid ceilings, to be secured with tie wires

- Local 3 IBEW

ORDERING INFORMATION - NEW YORK CITY   ORDERING INFORMATION - NATIONAL

Catalog No.	Capacity in Watts (Hours) 1.5	2	3	4	No. Heads	Watts per Head	Lamp Type	Replacement Lamp
6 VOLT								
6ST1	27	22	18	-	2	9	Incandescent	6RW9
6ST4	54	44	36	-	2	9	Incandescent	6RW9
6ST5	100	75	50	45	2	9	Incandescent	6RW9
12 VOLT								
12ST1	27	22	18	-	2	12	Incandescent	12RW12
12ST4	54	44	36	-	2	12	Incandescent	12RW12

OPTIONS AND ACCESSORIES

ACCESSORIES

Description	Code
Cord Sets	
120 Volt	3 CP
277 Volt (Specify male plug type)	0 CP

OPTIONS: Add to Catalog No.

Description	Code
No heads	0
One head	1
Three heads	3
Four heads	4
Voltmeter	V
Time Delay	TD
New York City Approved	NY
Nickel Cadmium Battery	NC
Laser Option Installed	L*
Laser Option installed with pointer supplied	LP*

(2) Units may **not** be equipped with a voltmeter and ammeter at the same time.
* See page 49

HALOGEN LAMP OPTIONS:

*only available with OS Head see page 36

Unit	Watt Lamp only	Replacement Lamp No.
6 Volt (all units)	12	6 HB 12*
12 Volt (all units)	12	12 HB 12*

Note: When using halogen lamps, total connected lamp load must be at least 80% of 90 min. rating, or premature lamp failure may occur.

EMERGENCY LIGHTING

ROB
Recessed Oblong

**Steel Recessed
Emergency Unit
Incandescent Lamps**

EMERGENCY LIGHTING

- Dual 120/277 VAC 60Hz input

- Solid state charging and transfer circuitry (no relays are used)

- Two step charger, temperature compensated

- Battery short circuit and reverse polarity protected

- Brownout protected; line latched transfer circuit

- Output is electronically short circuit and overload protected – no fuses required.

- Low voltage disconnect

- Meets or exceeds all current UL 924 requirements and applicable sections of the Life Safety Code

- Standard finish, durable white powder coat

- Housing fabricated with 20 gauge cold rolled steel

- Sealed maintenance-free long life lead calcium (standard) or nickel cadmium battery

- Mounting brackets supplied

- 18" and 27" rigid mounting bars available

- Recesses in ceiling or wall

- Local 3 IBEW

DESCRIPTION

The ROB Recessed Oblong Series is smaller than most recessed units, making it ideal for locations with limited space; it can be recessed into either walls or ceilings. Wedge base lamps are standard, with halogen bi-pin lamps available on request. Mounting brackets are supplied to facilitate installation.
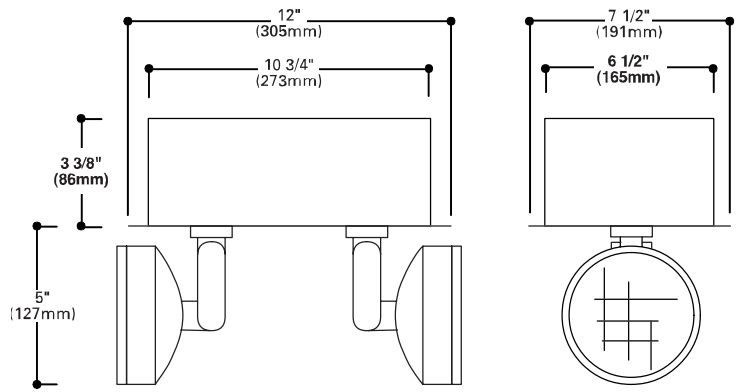
DIMENSIONS

12" (305mm)
10 3/4" (273mm)
3 3/8" (86mm)
5" (127mm)

7 1/2" (191mm)
6 1/2" (165mm)

ORDERING INFORMATION - NEW YORK CITY | ORDERING INFORMATION - NATIONAL

Catalog No.	Capacity in Watts (Hours) 1.5	2	3	4	No. Heads	Watts per Head	Lamp No.	Lamp Description	Ship Wt.
6 VOLT									
6ROB10	10	--	--	--	2	5.4	6RW5	Incandescent Wedge Base	6
12 VOLT									
12ROB24	24	--	--	--	2	12	12RW12	Incandescent Wedge Base	7

Note: Halogen Bi-Pin lamp available on request.
Option: Nickel Cadmium battery, add **NC.**

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
Laser Option Installed	L*
Laser Option installed with pointer supplied	LP*

* See page 49

ATLITE®

DESCRIPTION

The RG Recessed Gimbal Series is perfect for commercial or architectural applications where the aesthetics of a fully recessed unit are essential. The slim profile is ideal for low ceilings and blends inconspicuously with existing recessed installations.

DIMENSIONS

7 1/8" (181mm)

7 3/32" (180mm)

8" (203mm)
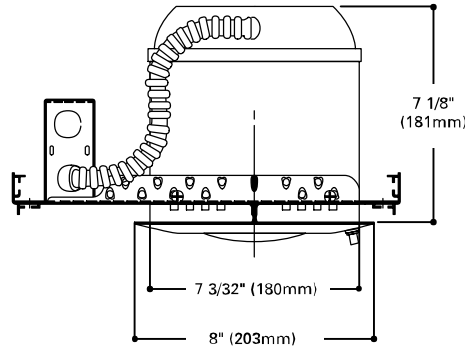
RG
Recessed Gimbal

Steel Recessed
Emergency Unit
Incandescent Lamps

EMERGENCY LIGHTING

ORDERING INFORMATION - NEW YORK CITY						ORDERING INFORMATION - NATIONAL		
Catalog No.	Capacity in Watts (Hours)				Watts	Lamp No.	Lamp Description	Ship Wt.
	1.5	2	3	4				
6 VOLT								
6RG10	10	--	--	--	10	6HS10	Halogen PAR36 Sealed Beam	6
6RG25	25	--	--	--	25	--	Halogen PAR36 Sealed Beam	9

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
Adjustable bars	AB1

- Dual 120/277VAC 60Hz input
- Solid state charging and transfer circuitry (no relays are used)
- Two step charger, temperature compensated
- Circuit is battery short circuit and reverse polarity protected
- Brownout protected; line latched transfer circuit
- Output is electronically short circuit and overload protected – no fuses required
- Low voltage disconnect
- Meets or exceeds all current UL924 requirements and applicable sections of the Life Safety Code
- Standard finish, durable white powder coat
- Both trim and housing are constructed of 20 gauge steel
- Sealed maintenance-free long life lead calcium battery
- Mounting ring supplied; assorted bars available – see options
- Local 3 IBEW

ATLITE®

RSQ
Recessed Square

Steel Recessed Emergency Unit Incandescent Lamps

EMERGENCY LIGHTING

- Dual 120/277VAC 60Hz input

- Solid state charging and transfer circuitry (no relays are used)

- Two step charger, temperature compensated

- Circuit is battery short circuit and reverse polarity protected

- Brownout protected

- Line latched transfer circuit, output is electronically short circuit and overload protected

- Low voltage disconnect

- Meets or exceeds all current UL924 requirements and applicable sections of the Life Safety Code

- Standard finish, durable white powder coat; housing fabricated with 20 gauge cold rolled steel

- Mounting brackets supplied

- Sealed maintenance-free long life lead calcium battery

- Local 3 IBEW

EMERGENCY LIGHTING

DESCRIPTION

The RSQ Recessed Square Series provides a decorative unit combined with a low-profile recessed design, ideal for illuminating stairways, doorways and offices. Halogen bi-pin lamps are standard. Mounting brackets are supplied to facilitate installation.

DIMENSIONS

8 7/8" (225mm)

8 7/8" (225mm)

2 1/4" (57mm)

5" (127mm)

ORDERING INFORMATION - NEW YORK CITY / ORDERING INFORMATION - NATIONAL

Catalog No.	Capacity in Watts (Hours) 1.5	2	3	4	Watts	Lamp No.	Lamp Description	Remote Cap. (watts)
					6 VOLT			
6RSQ10	10	--	--	--	10	6HB10	Halogen Bi-Pin	--
6RSQ27	27	--	--	--	10	6HB10	Halogen Bi-Pin	17

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
Adjustable bars	AB1
Recessed Frame-In Kit	RFK-1

Note: Unit may be surface mounted with no additional hardware

ATLITE®

DIMENSIONS
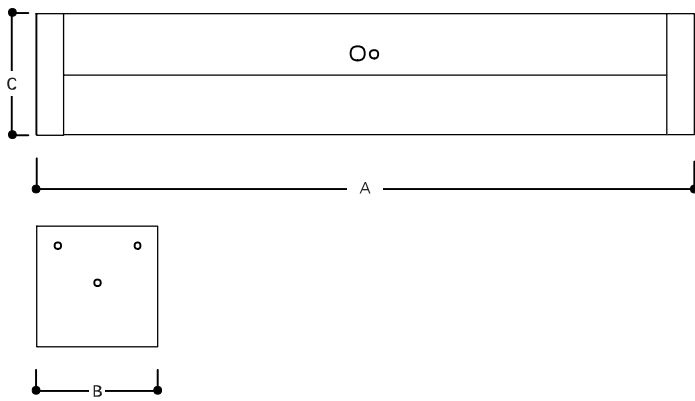
DESCRIPTION

The FTP Tamperproof Series provides peace of mind and a safeguard for fluorescent fixtures. Steel and polycarbonate components combine to allow sufficient light output with a high level of tamperproof protection.

FTP Tamperproof

**Tamper Proof
Surface Mount
Emergency Unit
Fluorescent Lamps**

EMERGENCY LIGHTING

- Fully automatic solid state charger; automatic transfer relay energizes lamp instantaneously upon failure of normal AC power

- External test switch and pilot light supplied

- Surface mounting

- Sealed maintenance-free long life nickel cadmium battery

- High-impact polycarbonate lens

- Housing constructed of 16 gauge steel

- Unit is tamperproof and vandal-resistant

- Battery provides emergency power to one lamp for 90 minutes

- T12 or T8 fluorescent lamp technology

- Local 3 IBEW

ORDERING INFORMATION - NEW YORK CITY			ORDERING INFORMATION - NATIONAL		
			Dimensions - (mm)		
Catalog No.	No. of Lamps	Watts/Lamp	A	B	C
FTP-1-17-120	1	17	24 1/2" (622)	4 1/2" (114)	4 1/2" (114)
FTP-2-17-120	2	17	48 1/2" (1232)	4 1/2" (114)	4 1/2" (114)
FTP-1-32-120	1	32	24 1/2" (622)	4 1/2" (114)	4 1/2" (114)
FTP-2-32-120	2	32	48 1/2" (1232)	4 1/2" (114)	4 1/2" (114)
FTP-1-20-120	1	20	24 1/2" (622)	4 1/2" (114)	4 1/2" (114)
FTP-1-20-277	1	20	24 1/2" (622)	4 1/2" (114)	4 1/2" (114)
FTP-2-20-120	2	20	24 1/2" (622)	4 1/2" (114)	4 1/2" (114)
FTP-2-20-277	2	20	24 1/2" (622)	4 1/2" (114)	4 1/2" (114)
FTP-1-40-120	1	40	48 1/2" (1232)	4 1/2" (114)	4 1/2" (114)
FTP-1-40-277	1	40	48 1/2" (1232)	4 1/2" (114)	4 1/2" (114)
FTP-2-40-120	2	40	48 1/2" (1232)	4 1/2" (114)	4 1/2" (114)
FTP-2-40-277	2	40	48 1/2" (1232)	4 1/2" (114)	4 1/2" (114)

Note: Units are not supplied with lamps.

ATLITE®

SL Stairlite

Stairwell Lighting and Emergency System Fluorescent Lamps

EMERGENCY LIGHTING

- Choice of Input Voltage, 120 or 277 VAC, 60Hz

- Fully automatic, self-test ultrasonic motion detector

- Solid-state Status Indicator Display System with an AC power indicator

- Fully automatic emergency charger is solid-state

- Sealed, maintenance-free nickel cadmium battery

- Formed 20 gauge steel housing and cover plate construction

- Durable powder coat white finish standard

- Variety of electrical and mounting knockouts for a easy installation

- T8 Fluorescent Technology in 17, 25 and 32 watts (Lamps not included)

- Single two-lamp electronic ballast

- Meets or exceeds all current UL924 requirements, Life Safety Code, NFPA 101, NEC/OSHA and most state and local codes

- Local 3 IBEW

- Bi-Level option provides 1 lamp illumination at all times

EMERGENCY LIGHTING

DESCRIPTION

The StairLite System is designed to satisfy all stairwell lighting requirements in one easy-to-install package. It is designed for use in stairwells or any other area of a building where the occupancy level or usage factor would be considered minimal. StairLite consists of a surface mounted, two lamp fluorescent lighting fixture that incorporates an integrally mounted ultrasonic motion detector, a system display panel, and most models have full battery backup. The E4, E7, and E9 versions will enhance the usefulness, safety, and reliability of any emergency lighting system. Standard with Acrylic Lenses.

DIMENSIONS
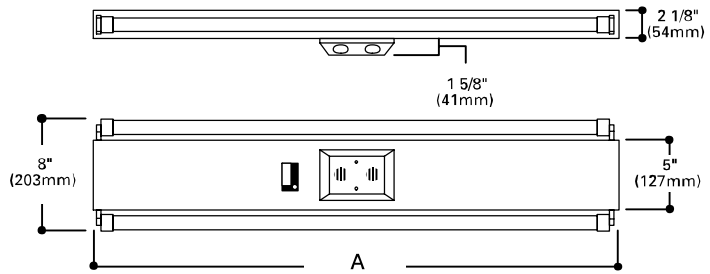
A		
SLA	25"	(635mm)
SLB	37"	(940mm)
SLC	49"	(1245mm)

ORDERING INFORMATION - NEW YORK CITY   ORDERING INFORMATION - NATIONAL

Catalog No.

Prefix	Operation	Lamp Type & Size	Input Voltage
SL	AC AC Only	A (2) Two Foot lamps FO17T8	120 120VAC 60Hz
	E4 Emergency: 450 Lumens	B (2) Three Foot Lamps FO25T8	277 277VAC 60Hz
	E7 Emergency: 700 Lumens	C (2) Four Foot Lamps FO32T8	
	E9 Emergency: 950 Lumens		

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
Less motion detector	LM
Surface J box support kit	SJ
Bi-Level Lamp Operation	BL

Note: NYC approved for use in stairwells.

    Department of Buildings approval #53-95-S.

    NYSBA Calendar (approval) #37307

DIMENSIONS
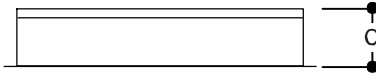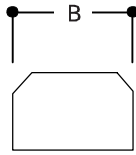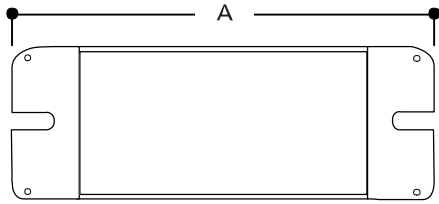
DESCRIPTION

The FP Battery Series converts any new or existing fluorescent fixture into emergency lighting. It can eliminate the need for conventional emergency lighting units, thus improving the aesthetics of a space.

FP Battery Pack

Battery Back-up Emergency Unit Fluorescent Lamps

EMERGENCY LIGHTING

- Dual 120/277VAC 60 Hz input

- Fully automatic solid state charger; automatic transfer relay energizes lamp instantaneously upon failure of normal AC power

- Compatible with standard, energy-saving, dimming and electronic AC ballasts

- Operates with either switched or unswitched fixtures

- Compact fluorescent emergency packs are supplied with a one-gang plate with a test switch and pilot light power indicator

- Sealed, maintenance-free high temperature nickel cadmium battery

- A single 16 gauge housing contains the battery, charger, transfer electronics and inverter ballast

ORDERING INFORMATION - NEW YORK CITY		ORDERING INFORMATION - NATIONAL				
Catalog No.	Lamps Operated in Emergency Mode	Emergency Run Tim	Emergency Lumen Output	Dimensions - (mm) A	B	C
FP30	1 or 2 Lamps, T8/T12	90	1450 - 3500	16 5/16" (127)	5 7/16" (56)	1 3/4" (44)
FP94	1 Lamp, 6-42W, 4 Pin with Flex	90	750	9 3/8" (238)	2 3/8" (60)	1 1/2" (38)
FP450	1 Lamp 2' - 4' (20W - 40W), T8/T12	90	450	9 3/8" (238)	2 3/8" (60)	1 1/2" (38)
FP550	1 Lamp T5 (14W - 54W)	90	390 - 700	18 1/2" (470)	1.18" (30)	1.18" (30)
FP1100	1 Lamp 2' - 8' (20W - 215W), T8/T12	90	1100	9 3/8" (238)	2 3/8" (60)	1 1/2" (38)
	2 Lamp 2' - 4' (20W - 40W), T8/T12					
FP1500	1 Lamp Compact Fluorescent 5, 7, 9, 13W Twin Tube, or 2 Pin Quad	90	650	9 3/8" (238)	2 3/8" (60)	1 1/2" (38)
FP2200	1 Lamp Compact Fluorescent 10, 13, 16, 18, 22, 26W	90	850	9 3/8" (238)	4 1/2" (114)	4 1/2" (114)

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
Remote Test Switch	RTS
One Gang Plate and Metal End Caps to Cover Wire	FC 6

DESCRIPTION   DIMENSIONS

The RF Surface Heads Series pro-
vides remote heads (no battery)
manufactured in high impact, mar-
resistant engineering grade thermo-
plastic. A highly polished reflector
located behind the lamp provides
abundant emergency light to the
floor when connected to an emer-
gency battery source. Several fin-
ishes and lamp styles are available.
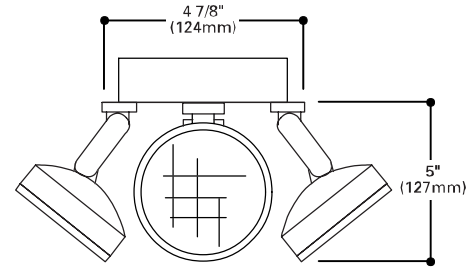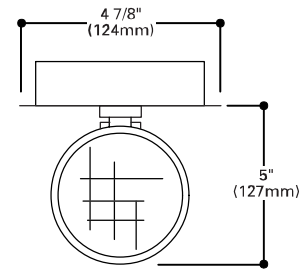
RF Surface Heads

Surface Mount Head
Less Battery
Thermo Plastic
Incandescent Lamps
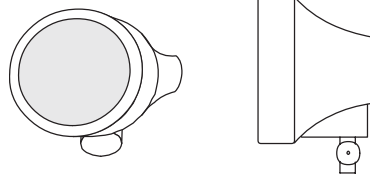
EMERGENCY LIGHTING

• Thermo plastic heads

• Choose single, double, or
  triple remote heads

• Double joint adjustable
  359° swivel

• White finish standard –
  other finishes available

• Mounts to standard 4"
  round junction box

• 6 or 12 volt wedge base
  incandescent lamp is
  standard (see lamp charts
  on page 42)

• Gray finish standard on
  weatherproof (WP) units

Halogen Lamp Options only available with OS Head

4 7/8" (124mm)
5" (127mm)

4 7/8" (124mm)
5" (127mm)

ORDERING INFORMATION - NEW YORK CITY   ORDERING INFORMATION - NATIONAL

Catalog No.

Prefix	No. of Heads	Ship Wt.
RF301	1	2
RF302	2	4
RF303	3	6
RF301-OS*	1	2
RF302-OS*	2	4
RF303-OS*	3	6

Note: Maximum wattage per head is 25 watts. Please specify lamp when ordering.

* Sealed Beam Lamps will be used with OS Head only

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
Weatherproof	WP

INCANDESCENT PAR 36 SEALED BEAM

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
6 VOLT			
7.2	6RS7	95	2
9.0	6RS9	108	3
12.0	6RS12	137	10
18.0	6RS18	158	8
25.0	6RS25	318	9
30.0	6RS30	380	--
12 VOLT			
9.0	12RS9	111	3
12.0	12RS12	177	10
18.0	12RS18	213	8
25.0	12RS25	327	11
35.0	12RS35	439	--

INCANDESCENT WEDGE BASE

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
6 VOLT			
3.6	6RW3	50	1
5.4	6RW5	75	*
7.2	6RW7	101	2
9.0	6RW9	132	3
12.0	6RW12	163	4
12 VOLT			
5.4	12RW5	75	*
9.0	12RW9	132	3
12.0	12RW12	163	4
18.0	12RW18	260	6

* Note: Photometrics for 6RW5 and 12RW5 use 75% of ISO chart No. 2

HALOGEN - BI-PIN

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
6 VOLT			
6	6HB6	113	3
8	6HB8	163	4
10	6HB10	201	5
12	6HB12	302	6
20	6HB20	402	7
12 VOLT			
8	12HB8	163	4
12	12HB12	302	6

Note: Lamps used with OS Heads only.

INCANDESCENT DOUBLE CONTACT BAYONET BASE

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
6 VOLT			
6	6RD6	56	2
13	6RD13	122	2
18	6RD18	211	5
28	6RD25	360	6
12 VOLT			
6	12RD6	56	2
13	12RD13	153	4
28	12RD28	360	6

INCANDESCENT PAR36 SEALED BEAM

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
6 VOLT			
6	6HS6	107	3
8	6HS8	155	4
10	6HS10	191	5
12	6HS12	302	6
20	6HS20	382	7
12 VOLT			
8	12HS8	155	4
12	12HS12	302	6

EMERGENCY LIGHTING

ATLITE®

The RF Surface Heads Series provides remote heads (no battery) manufactured in an all metal housing. A highly polished reflector located behind the lamp provides abundant emergency light to the floor when connected to an emergency battery source. Several finishes and lamp styles are available.

5 1/4"
(133mm)

7"
(178mm)

5 1/4"
(133mm)

7"
(178mm)

RF Surface Heads

Surface Mount Head
Less Battery
All Metal
Incandescent Lamps

EMERGENCY LIGHTING

- All metal heads

- Choose single, double, or triple remote heads

- Double joint adjustable 359° swivel

- Brushed aluminum standard – other finishes available

- Mounts to standard 4" round junction box

- 6 or 12 volt wedge base incandescent lamp is standard (see lamp charts on page 42)

ORDERING INFORMATION - NEW YORK CITY   **ORDERING INFORMATION - NATIONAL**

Catalog No.

Prefix	No. of Heads	Ship Wt.
RF401	1	2
RF402	2	4
RF403	3	6

Note: Maximum wattage per head is 50 watts. Please specify lamp when ordering.

OPTIONS AND ACCESSORIES

INCANDESCENT PAR 36 SEALED BEAM

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
6 VOLT			
7.2	6RS7	95	2
9.0	6RS9	108	3
12.0	6RS12	137	10
18.0	6RS18	158	8
25.0	6RS25	318	9
30.0	6RS30	380	--
12 VOLT			
9.0	12RS9	111	3
12.0	12RS12	177	10
18.0	12RS18	213	8
25.0	12RS25	327	11
35.0	12RS35	439	--

INCANDESCENT WEDGE BASE

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
6 VOLT			
3.6	6RW3	50	1
5.4	6RW5	75	*
7.2	6RW7	101	2
9.0	6RW9	132	3
12.0	6RW12	163	4
12 VOLT			
5.4	12RW5	75	*
9.0	12RW9	132	3
12.0	12RW12	163	4
18.0	12RW18	260	6

* Note: Photometrics for 6RW5 and 12RW5 use 75% of ISO chart No. 2

HALOGEN - BI-PIN

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
6 VOLT			
6	6HB6	113	3
8	6HB8	163	4
10	6HB10	201	5
12	6HB12	302	6
20	6HB20	402	7
12 VOLT			
8	12HB8	163	4
12	12HB12	302	6

INCANDESCENT DOUBLE CONTACT BAYONET BASE

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
6 VOLT			
6	6RD6	56	2
13	6RD13	122	2
18	6RD18	211	5
28	6RD25	360	6
12 VOLT			
6	12RD6	56	2
13	12RD13	153	4
28	12RD28	360	6

INCANDESCENT PAR36 SEALED BEAM

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
6 VOLT			
6	6HS6	107	3
8	6HS8	155	4
10	6HS10	191	5
12	6HS12	302	6
20	6HS20	382	7
12 VOLT			
8	12HS8	155	4
12	12HS12	302	6

ATLITE®

EMERGENCY LIGHTING

DESCRIPTION

The RF Recessed T Bar Series provides remote heads (no battery) manufactured in high impact, mar-resistant engineering grade thermoplastic for recessed installation in T-bar ceilings. A highly polished reflector located behind the lamp provides abundant emergency light to the floor when connected to an emergency battery source. Several lamp styles are available.

DIMENSIONS

RF
Recessed T Bar
Remote Fixture
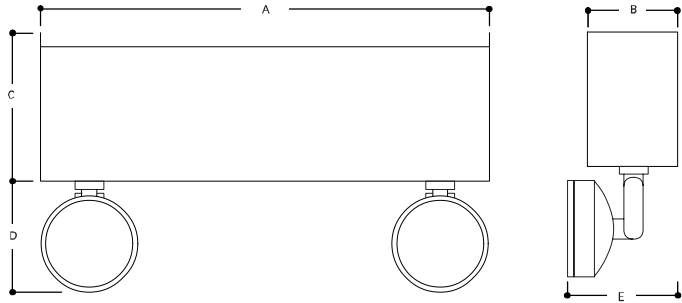
Steel Recessed Mount
Less Battery
Thermo Plastic
Incandescent Lamps

EMERGENCY LIGHTING

- Thermo plastic heads
- Choose double, triple, or quadruple remote heads
- Adjustable swivel
- White panel finish with white heads
- Mounts by dropping into T-bar grid ceiling
- 6 or 12 volt wedge base incandescent lamp is standard (see lamp charts on page 42)
- Local 3 IBEW

ORDERING INFORMATION - NEW YORK CITY			ORDERING INFORMATION - NATIONAL			
Catalog No.			Dimensions - (mm)			
Prefix	No. of Heads	Ship Wt.	A	B	C	D
RF312	2	5	10 3/4 (273)	6 1/4" (159)	4" (102)	5" (127)
RF313	3	7	10 3/4 (273)	6 1/4" (159)	4" (102)	5" (127)
RF314	4	9	10 3/4 (273)	6 1/4" (159)	4" (102)	5" (127)

Note: Maximum wattage per head is 25 watts. Please specify lamp when ordering.

OPTIONS AND ACCESSORIES

INCANDESCENT PAR 36 SEALED BEAM

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
6 VOLT			
7.2	6RS7	95	2
9.0	6RS9	108	3
12.0	6RS12	137	10
18.0	6RS18	158	8
25.0	6RS25	318	9
12 VOLT			
9.0	12RS9	111	3
12.0	12RS12	177	10
18.0	12RS18	213	8
25.0	12RS25	327	11

INCANDESCENT WEDGE BASE

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
6 VOLT			
3.6	6RW3	50	1
5.4	6RW5	75	*
7.2	6RW7	101	2
9.0	6RW9	132	3
12.0	6RW12	163	4
12 VOLT			
5.4	12RW5	75	*
9.0	12RW9	132	3
12.0	12RW12	163	4
18.0	12RW18	260	6

* Note: Photometrics for 6RW5 and 12RW5 use 75% of ISO chart No. 2

HALOGEN - BI-PIN

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
6 VOLT			
6	6HB6	113	3
8	6HB8	163	4
10	6HB10	201	5
12	6HB12	302	6
20	6HB20	402	7
12 VOLT			
8	12HB8	163	4
12	12HB12	302	6

INCANDESCENT DOUBLE CONTACT BAYONET BASE

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
6 VOLT			
6	6RD6	56	2
13	6RD13	122	2
18	6RD18	211	5
28	6RD25	360	6
12 VOLT			
6	12RD6	56	2
13	12RD13	153	4
25	12RD25	360	6

INCANDESCENT PAR36 SEALED BEAM

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
6 VOLT			
6	6HS6	107	3
8	6HS8	155	4
10	6HS10	191	5
12	6HS12	302	6
20	6HS20	382	7
12 VOLT			
8	12HS8	155	4
12	12HS12	302	6

DIMENSIONS
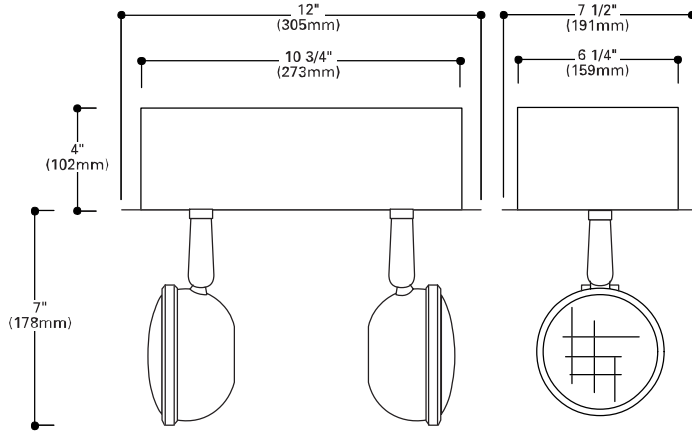
DESCRIPTION

The RF Recessed T Bar Series provides remote heads (no battery) in all metal for recessed installation in T-bar ceilings. A highly polished reflector located behind the lamp provides abundant emergency light to the floor when connected to an emergency battery source. Several lamp styles are available.

RF Recessed T Bar Remote Fixture

Steel Recessed Mount
Less Battery
All Metal
Incandescent Lamps

EMERGENCY LIGHTING

- All metal heads
- Choose double, triple, or quadruple remote heads
- Adjustable swivel
- White panel finish with white heads
- Mounts by dropping into T-bar grid ceiling
- 6 or 12 volt wedge base incandescent lamp is standard (see lamp charts on page 42)
- Local 3 IBEW

ORDERING INFORMATION - NEW YORK CITY   ORDERING INFORMATION - NATIONAL

Catalog No. Prefix	No. of Heads	Ship Wt.
RF412	2	5
RF413	3	7
RF414	4	9

Note: Maximum wattage per head is 50 watts. Please specify lamp when ordering.

OPTIONS AND ACCESSORIES

INCANDESCENT PAR 36 SEALED BEAM

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
	6 VOLT		
7.2	6RS7	95	2
9.0	6RS9	108	3
12.0	6RS12	137	10
18.0	6RS18	158	8
25.0	6RS25	318	9
30.0	6RS30	380	--
	12 VOLT		
9.0	12RS9	111	3
12.0	12RS12	177	10
18.0	12RS18	213	8
25.0	12RS25	327	11
35.0	12RS35	439	--

INCANDESCENT WEDGE BASE

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
	6 VOLT		
3.6	6RW3	50	1
5.4	6RW5	75	*
7.2	6RW7	101	2
9.0	6RW9	132	3
12.0	6RW12	163	4
	12 VOLT		
5.4	12RW5	75	*
9.0	12RW9	132	3
12.0	12RW12	163	4
18.0	12RW18	260	6

* Note: Photometrics for 6RW5 and 12RW5 use 75% of ISO chart No. 2

HALOGEN - BI-PIN

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
	6 VOLT		
6	6HB6	113	3
8	6HB8	163	4
10	6HB10	201	5
12	6HB12	302	6
20	6HB20	402	7
	12 VOLT		
8	12HB8	163	4
12	12HB12	302	6

INCANDESCENT DOUBLE CONTACT BAYONET BASE

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
	6 VOLT		
6	6RD6	56	2
13	6RD13	122	2
18	6RD18	211	5
28	6RD25	360	6
	12 VOLT		
6	12RD6	56	2
13	12RD13	153	4
28	12RD28	360	6

INCANDESCENT PAR36 SEALED BEAM

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
	6 VOLT		
6	6HS6	107	3
8	6HS8	155	4
10	6HS10	191	5
12	6HS12	302	6
20	6HS20	382	7
	12 VOLT		
8	12HS8	155	4
12	12HS12	302	6

EMERGENCY LIGHTING

DESCRIPTION

The RF Surface Gimbal Series provides remote heads in your choice of trim finish to match existing installations.

DIMENSIONS

8 1/2" (216mm)

4 1/2" (114mm)
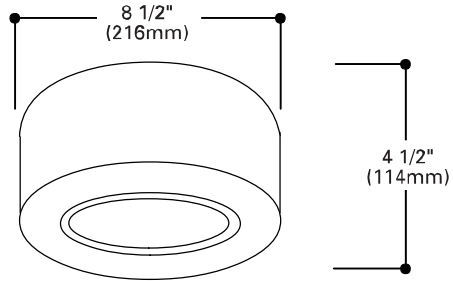
RF
Surface Gimbal

Surface Mount Gimbal Less Battery Incandescent Lamps

EMERGENCY LIGHTING

• Lamp rotates 358° horizontally and 42° vertically

• White powder coat trim on housing

• Mounts to standard 4" round junction box

• Lamps are PAR36 sealed beam only – 6 or 12 volt

• Maximum lamp wattage is 25 watts

ORDERING INFORMATION - NEW YORK CITY | ORDERING INFORMATION - NATIONAL

Catalog No.	Trim	Ship Wt.
RF603	W White	5

Note: PAR36 sealed beam lamp only 6 or 12 volt.
Maximum wattage 25 watts. Please specify lamp when ordering.

OPTIONS AND ACCESSORIES

INCANDESCENT PAR 36 SEALED BEAM

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
6 VOLT			
7.2	6RS7	95	2
9.0	6RS9	108	3
12.0	6RS12	137	10
18.0	6RS18	158	8
25.0	6RS25	318	9
12 VOLT			
9.0	12RS9	111	3
12.0	12RS12	177	10
18.0	12RS18	213	8
25.0	12RS25	327	11

INCANDESCENT PAR36 SEALED BEAM

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
6 VOLT			
6	6HS6	107	3
8	6HS8	155	4
10	6HS10	191	5
12	6HS12	302	6
20	6HS20	382	7
12 VOLT			
8	12HS8	155	4
12	12HS12	302	6

EMERGENCY LIGHTING

ATLITE®

DESCRIPTION

The RF Recessed Gimbal Series provides remote heads that are ideal for architectural or commercial applications where the aesthetics of a fully recessed unit are required. The slim profile is excellent for low ceilings and blends inconspicuously with existing recessed installations. For use as a remote when connected to an emergency battery source.

4 1/2"
(114mm)

6 7/8" Dia.
(175mm)

8" Dia.
(203mm)

RF
Recessed Gimbal

Recessed Adjustable
Gimbal
Less Battery
Incandescent Lamps

EMERGENCY LIGHTING

• Recessed round gimbal unit. Torsion spring frame.

• Lamp rotates 358° horizontally and 42° vertically

• Supplied with mounting frame and junction box

• Split mounting frame for old work – HP, adjustable mounting bars – ABI. 18" and 27" rigid mounting bars available

• Lamps are PAR36 sealed beam only – 6 or 12 volt

• Maximum lamp wattage is 50 watts

ORDERING INFORMATION - NEW YORK CITY			ORDERING INFORMATION - NATIONAL
Catalog No.	**Trim**	**Ship Wt.**	
RF503	W White	5	

Note: PAR36 sealed beam lamp only 6 or 12 volt.
Maximum wattage 50 watts. Please specify lamp when ordering.

OPTIONS AND ACCESSORIES

INCANDESCENT PAR 36 SEALED BEAM

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
		6 VOLT	
7.2	6RS7	95	2
9.0	6RS9	108	3
12.0	6RS12	137	10
18.0	6RS18	158	8
25.0	6RS25	318	9
30.0	6RS30	380	--
		12 VOLT	
9.0	12RS9	111	3
12.0	12RS12	177	10
18.0	12RS18	213	8
25.0	12RS25	327	11
35.0	12RS35	439	--
50.0	12RS50	590	--

INCANDESCENT PAR36 SEALED BEAM

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
		6 VOLT	
6	6HS6	107	3
8	6HS8	155	4
10	6HS10	191	5
12	6HS12	302	6
20	6HS20	382	7
		12 VOLT	
8	12HS8	155	4
12	12HS12	302	6

EMERGENCY LIGHTING

DESCRIPTION

The RF Recessed Adjustable Series provides remote mount lighting in a recessed trim available in many finish choices for baffle or cone inserts to match virtually any existing installation. For use as a remote when connected to an emergency battery source.

DIMENSIONS

6 1/4" Dia. (159mm)

8" (203mm)

7 1/2" Dia. (191mm)

RFRecessed Adjustable

**Recessed Adjustable
Less Battery
Incandescent Lamps**

EMERGENCY LIGHTING

- Recessed adjustable units with baffle or cone inserts

- Lamp rotates 358° horizontally and 42° vertically

- White powder coat trim

- Supplied with mounting frame and junction box

- Adjustable mounting bars – ABI. 18" and 27" rigid mounting bars available

- Lamps are PAR36 sealed beam only – 6 or 12 volt

- Maximum lamp wattage is 50 watts

- Local 3 IBEW

ORDERING INFORMATION - NEW YORK CITY			ORDERING INFORMATION - NATIONAL
Catalog No.	**Description**	**Ship Wt.**	
RF549	Black Baffle	8	
RF549WB	White Baffle	8	
RF556	Satin Black Cone	8	
RF557	Satin Aluminum Cone	8	
RF558	Satin Gold Cone	8	
RF557-12	Aluminum Alzak Cone	8	
RF558-12	Gold Alzak Cone	8	

Note: PAR36 sealed beam lamp only 6 or 12 volt.
Maximum wattage 50 watts. Please specify lamp when ordering.

OPTIONS AND ACCESSORIES

INCANDESCENT PAR 36 SEALED BEAM

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
6 VOLT			
7.2	6RS7	95	2
9.0	6RS9	108	3
12.0	6RS12	137	10
18.0	6RS18	158	8
25.0	6RS25	318	9
30.0	6RS30	380	--
12 VOLT			
9.0	12RS9	111	3
12.0	12RS12	177	10
18.0	12RS18	213	8
25.0	12RS25	327	11
35.0	12RS35	439	--
50.0	12RS50	590	--

INCANDESCENT PAR36 SEALED BEAM

Watts	Lamp Cat. No.	Lumens	ISO Footcandle Chart No.
6 VOLT			
6	6HS6	107	3
8	6HS8	155	4
10	6HS10	191	5
12	6HS12	302	6
20	6HS20	382	7
12 VOLT			
8	12HS8	155	4
12	12HS12	302	6

ATLITE®

DESCRIPTION

The RF Recessed Square Series, when connected to an emergency battery source, provides remote mount lighting in several trim finishes to match different types of existing installations. Your choice of voltages available in either 1- or 2-socket models.

DIMENSIONS

7 1/4"sq (184mm)

4" (102mm)

8 3/8"sq (213mm)
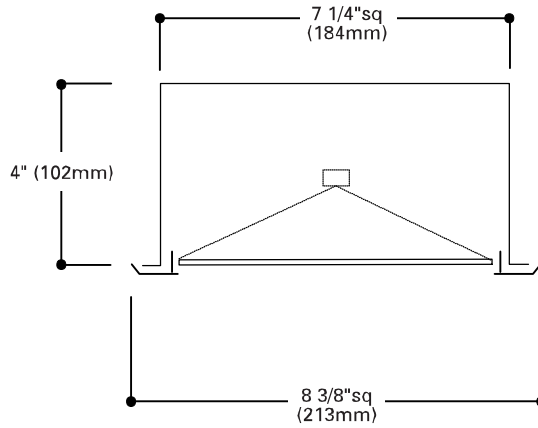
RF
Recessed Square

**Recessed Square
Less Battery
Incandescent Lamps**

EMERGENCY LIGHTING

• Recessed square with gasketed torsion spring trim steel housing and junction box

• Mounting brackets and bars available – BH2

• Double contact bayonet base lamps only. 6, 12, 24, 32/36 or 120 volt

• Local 3 IBEW

• Available in Surface Mount

ORDERING INFORMATION - NEW YORK CITY		ORDERING INFORMATION - NATIONAL	
Catalog No.	Description	Trim, specify	Ship Wt.
RF504	1 Socket D.C. Bayonet Base	W White	4

Note: Double contact bayonet base lamps only. 6, 12, 24, 32/36 or 120 volt. Please specify lamp when ordering.

OPTIONS AND ACCESSORIES

INCANDESCENT DOUBLE CONTACT BAYONET BASE

Watts	Lamp Cat. No.	Volts	Lumens	Photometrics Chart No.
6	6RD6	6	56	2
13	6RD13	6	122	2
18	6RD18	6	211	5
25	6RD25	6	360	6
6	12RD6	12	56	2
13	12RD13	12	153	4
25	12RD25	12	360	6

ATLITE®

EMERGENCY LIGHTING

RF Recessed Rectangle

Recessed Rectangle Less Battery Incandescent Lamps

EMERGENCY LIGHTING

- Recessed rectangular unit with opal diffuser and torsion spring frame

- Mounting bars and brackets – BH2.

- Double contact bayonet base lamps only. 6 or 12 volt

- Maximum wattage 18 watts

- Local 3 IBEW

DESCRIPTION

The RF Recessed Rectangle Series, when connected to an emergency battery source, provides remote mount lighting in several trim finishes to match different types of existing installations. Your choice of voltages available in either 1- or 2-socket models.

DIMENSIONS
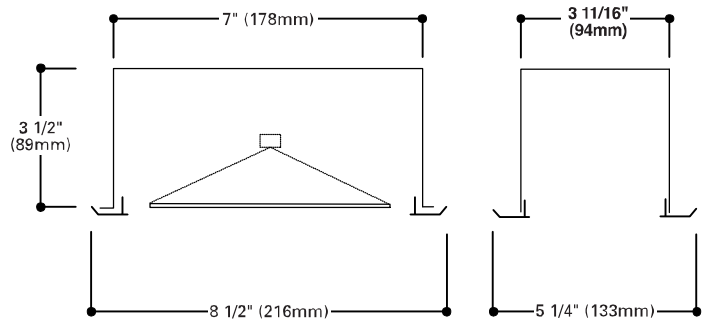
ORDERING INFORMATION - NEW YORK CITY		ORDERING INFORMATION - NATIONAL		
Catalog No.	Description	Trim, specify	Ship Wt.	
RF501	1 Socket D.C. Bayonet Base	W White	3	
RF502	2 Sockets D.C. Bayonet Base	W White	3	

Note: Double contact bayonet base lamps only. 6 or 12 volt. Please specify lamp when ordering.
Maximum wattage 18 watts.

OPTIONS AND ACCESSORIES

INCANDESCENT DOUBLE CONTACT BAYONET BASE

Watts	Lamp Cat. No.	Volts	Lumens	Photometrics Chart No.
6	6RD6	6	56	2
13	6RD13	6	122	2
18	6RD18	6	211	5
6	12RD6	12	56	2
13	12RD13	12	153	4

DESCRIPTION

The X Series NEMA Outdoor Exits feature a durable, weather-tight enclosure that is rated for outdoor use. It can be used as a battery backup unit (electronic specifications at left) or with AC only units. Illumination is LED. **For use with single face signs only.**

DIMENSIONS

15" (590mm)
17" (669mm)
7 1/4" (285mm)
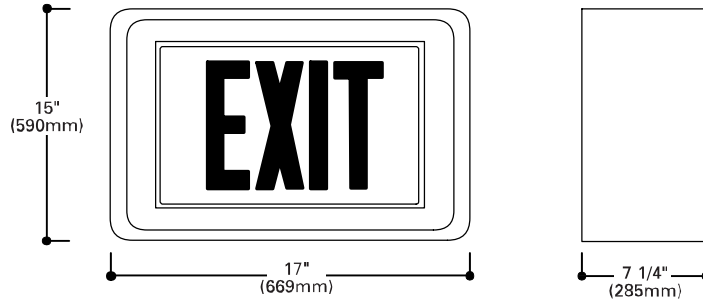
X Series NEMA

Outdoor Rated LED Exit Sign

EXIT LIGHTING

- Dual 120/77 VAC 60HZ input

- Circuit is battery short circuit and brownout protected

- Meets or exceeds all current UL requirements and applicable sections of the Life Safety Code

- LED exits use a nickel cadmium battery

- External mounting feet are provided

- Universal arrows

- Meets NEMA 4/12 requirements

- Housing: Molded grey fiberglass; oil, water and dust tight construction. Clear polycarbonate front cover

- Local 3 IBEW

ORDERING INFORMATION - NEW YORK CITY | **ORDERING INFORMATION - NATIONAL**

Catalog No. Battery Backup	Catalog No. AC Only	Description
XLN1-6SR1-X	XLA1-6SR1-X	6" Letters, LED illumination
XLN1-8SR1-X	XLA1-8SR1-X	8" Letters, LED illumination

Catalog Number	Capacity	Number of Heads	Lamp Type	Replacement Lamp	Description
XLCNY8-X	**Blank** = 27 Watts	**Blank** = Two Heads 3 = Three Heads	Incandescent	6RS12 6RS9	8" Letters w/Emergency Heads
XLC4-SR1-X		**Blank** = Two Heads		6RS12	6" Letters w/Emergency Heads

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
Wall Mount Bracket	MBW
Ceiling Mount Bracket	MBC
Two Head (consult factory)	-2
Three Head (consult factory)	-3

NEMA 4X RATED POLYCARBONATE HOUSING
RED FIBERGLASS 8" LETTERS
WHITE HOUSING
WHITE STENCIL
CLEAR LEXAN SHIELD
STAINLESS SCREWS (4)
6" 15" 7 1/4" 17"

ATLITE®

UX Series

NEMA 4X Exits

Pendant and Universal Mount

Self-Powered

LED Lamps

Vandal Proof

EXIT LIGHTING

- Dual-voltage Input 120/277 VAC, 60 Hz, isolation transformer
- Watchguard EMS Self-Diagnostic System (Self-powered only)
- Die-Cast aluminum housing
- Universal pattern knockouts on rear of single face housing for direct mounting to junction box
- Exit can be universally mounted ceiling, wall or end
- Powder coat paint finish
- UL 924, UL 924 Wet Location (Suitable for wet and damp locations)
- UL50, NEMA 4X
- UL844, Hazardous Locations (Class 1, Division 2, Groups A, B, C, D) with "HAZ" option
- Life Safety NFPA 101
- Meets most state and local codes
- Suitable for Floor Proximity Installation, UL Listed, ADA (American Disabilities Act)
- Energy Star (Dept. of Energy)
- NSF National Sanitation Foundation/Splash Zone (for Food Processing)
- IP66, Ingress Protection from IEC (International Electrical Commission)
- Cleanrooms Class 10,000
- Laser Testing
- Operation Temperature -45°C (-49°F) to +60°C (+140°F)
- Premium Nickel Cadmium Batteries
- UL FTBR Listed when specified with the "2C" option (AC only)
- Patents Pending

EMERGENCY LIGHTING

DESCRIPTION

The AtLite UX Nema 4X Exit combines the strength and durability of die cast aluminum with architecturally pleasing aesthetics. Designed for the most severe environments, the UX exit will provide maximum performance against rain, moisture, cold, corrosives and dust. Universal configurations (single and double face) and universal mounting provide the ease of one product specifying for any job. Additional designed-in features such as LED technology provide the customer with a long life, low maintenance, dependable exit sign in those conditions when reliability is crucial. The injection molded, clear, polycarbonate shield not only provides protection against moisture and rain, but vandalism as well. (4) Torx® head tamperproof screws with center-pin reject provide additional vandal-proof security. The unique design and features make the UX Exit compatible in food processing facilities, outdoor parking garages, walk-in freezers and other indoor/outdoor severe environments. The UX Exit is approved for ambient environments rated from -45°C (-49°F) up to +60°C (+140°F).

SELF-DIAGNOSTICS

The self-diagnostic unit will automatically perform all tests required by UL924, and NFPA 101. The system indicates the status of the exit at all times using the LED indicator near the test switch on the side of the unit. A 90 minute battery power (emergency mode) simulation test will occur randomly once every six months.

A 30 second battery power simulation test will occur every 30 days. The charger function is tested upon initial power-up and after every battery discharge cycle thereafter. The exit lamp circuit and AC/DC power transfer circuit is monitored continuously.

The charging mode is also monitored. The unit goes into a high charge mode for 24 hours the first time AC power is applied and when a discharge causes the battery voltage to fall below its nominal value. Pressing the test switch causes the unit to use battery power and test the battery capacity for 30 seconds.

The LED indicator is off when the unit is in the emergency mode and on continuously when the unit is fully charged. The LED blinks when the unit is in the high charge mode. It blinks twice (then repeats) when the battery needs to be replaced, or if it is disconnected. It blinks three times if there is a circuit board (charger or AC/DC transfer function) failure, and four times if the exit lamps fail.

DIMENSIONS

SPLASH ZONE

ORDERING INFORMATION - NEW YORK CITY				ORDERING INFORMATION - NATIONAL			
Catalog No.	Operation	Letter Size	Housing	Letter Color	Number of Faces	NEMA Listing	Self-Diagnostics
UXA	AC Only	6 6"	D Die Cast Aluminum	R Red*	1 One face	X NEMA 4X	SDL Self-Diagnostics
UXN	Self-powered			G Green	U Universal face		w/Laser Test

* Red only allowed in New York City

OPTIONS AND ACCESSORIES

Accessories: Add to Catalog No.

Description	Code	Description	Code
Key Chain, Red Laser Pointer (activation tested at 30 feet).	LASER	Pendant Kit Adapter (fitting adapts exit to 1/2" NPT threaded pendant "supplied by others).	UXPKA
Converts single face exit to double face exit. Contains (1) red lens, (1) green lens, (1) Vandal Shield & Tamperproof Screws.	UXUK	Vandal Resistant Screwdriver	VRSD

Energy Data - Self-Powered Exits

	Sealed Nickel Cadmium Battery							
	Input Power:		Input Current (Max.):		Power Factor:		T.H.D.:	
	120V	277V	120V	277V	120V	277V	120V	277V
	LED Exits							
LED Exits - Red Letters	3.4W	3.2W	.07A	.04A	> .37	> .39	< 64%	< 69%
LED Exits - Green Letters	3.1W	3.0W	.08A	.04A	> .34	> .36	< 63%	< 67%

Energy Data - AC Only Exits

	Input Power:		Input Current (Max.):		Power Factor:		T.H.D.:	
	120V	277V	120V	277V	120V	277V	120V	277V
	LED Exits							
LED Exits - Red Letters	2.7W	3.2W	.07A	.04A	> .30	> .39	< 56%	< 69%
LED Exits - Green Letters	2.3W	3.0W	.08A	.03A	> .26	> .36	< 54%	< 67%

DIMENSIONS

16 1/2"
(419mm)

10 1/2"
(267mm)

12 1/2"
(317mm)

8"
(314mm)
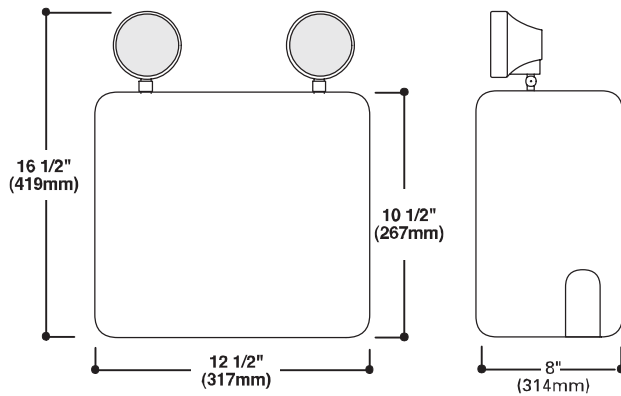
DESCRIPTION

The X Series NEMA Outdoor Emergency Unit features a durable, weathertight enclosure that is rated for outdoor use. It utilizes sealed beam fully gasketed lamps. Designed for use where moisture or dust are present. Many options and accessories allow for customization of these units.

X Series NEMA

Outdoor Rated Incandescent Emergency Light

EMERGENCY LIGHTING

- Dual 120/77 VAC 60HZ input

- Solid state charging and transfer circuitry (no relays are used)

- Temperature compensated

- Circuit is battery short circuit and brownout protected

- Reverse polarity protected

- Line latched transfer circuit

- Output is electronically short circuit and overload protected

- Low voltage disconnect in lead calcium units

- Meets or exceeds all current UL requirements and applicable sections of the Life Safety Code

- Meets NEMA 4/12 requirements

- Sealed maintenance-free long life lead calcium, or nickel cadmium battery

- Construction: Housing is constructed of NEMA 4/12 grey polycarbonate. Test switch and AC power monitor are fully gasketed. Lamps are fully gasketed sealed beam type

- Local 3 IBEW

ORDERING INFORMATION - NEW YORK CITY   ORDERING INFORMATION - NATIONAL

Volts		Series		Battery Type		Capacity in Watts (90 minutes)	
6	6 Volts	X	Nema	C	Lead Calcium	27	6V/12V Lead Calcium
12	12 Volts			NC	NiCad	54	6V/12V Lead Calcium
						100	12V Lead Calcium
						50	6V/12V NiCad
						72	12V NiCad

OPTIONS AND ACCESSORIES

OPTIONS: Add to Catalog No.

Description	Code
No heads	0
One head	1
Three heads	3
New York City Approved	NY

ACCESSORIES

Description	Code
Cord Sets	
120 Volt	3 CP
277 Volt (Specify male plug type)	0 CP
Mounting Bracket	MB
Mounting Shelf	MS
Wire Guards	GXBW
Time Delay Kit	TD

EMERGENCY LIGHTING

12UEL1 Series

NEMA 4X
Nickel Cadmium Battery
MR16 Lamps
Vandal Proof
EMERGENCY LIGHTING

- Dual voltage input 120/277 VAC, 60Hz, Isolation Transformer

- Watchguard EMS Self-Diagnostic System

- Vandal Proof

- Push-in AC power connectors facilitate installation

- Photocell Test Switch (requires accessory LASER for activation)

- Fully recharged in 24 hours

- Die-cast aluminum housing

- Powder coat paint finish

- UV stable, glass-clear polycarbonate, vandal resistant shield (.150" thick) with Torx head tamperproof screws, stainless steel

- UL 924 Listed Self-Diagnostics, UL 924 Outdoor Wet Location Listed (suitable for wet and damp locations)

- NEMA 4X, UL50 Listed

- Life safety NFPA 101

- Meets most state and local codes

- NSF, National Sanitation Foundation/Splash Zone (for Food Processing)

- IP66, Ingress Protection from IEC (International Electrical Commission)

- Cleanroom Class 10,000

- EC&M Product of the Year Category Winner

- Patent Pending

DESCRIPTION

The AtLite 12UEL1 NEMA 4X Emergency Light is designed for those emergency lighting applications where ruggedness and dependability are a must. The 12UEL1's housing is constructed of durable die cast aluminum combined with the strength of a glass-clear polycarbonate shield. Designed for the most severe environments, the 12UEL1 Emergency Light will provide maximum performance against rain, moisture, cold, corrosives and dust. The 12UEL1's standard features include nickel cadmium battery, self-diagnostics, photocell LASER test and MR16 lamps that provide the customer with a long life, low maintenance, dependable, severe environment approved emergency lighting unit in those conditions when reliability is crucial. The injection molded, glass-clear polycarbonate shield not only provides protection against moisture and rain, but vandalism, as well. (4) Torx head tamperproof screws with center-pin reject provide additional vandal-proof security. Two adjustable 12W MR16 lamps provide maximum path of egress coverage providing a bright, even illumination during power outages. The unique design and features make the 12UEL1 Emergency Light compatible in food processing facilities, outdoor parking garages, walk-in freezers and other indoor/ outdoor severe environments. The 12UEL1 Emergency Light is UL listed for –35°C (-31°F) to +50°C (+122°F) ambient environments.

SELF-DIAGNOSTICS

The self-diagnostic unit will automatically perform all tests required by UL924, and NFPA 101. The system indicates the status of the unit at all times using the LED indicator near the test switch on the bottom of the unit. A 90 minute battery power (emergency mode) simulation test will occur randomly once every six months.

A 30 second battery power simulation test will occur every 30 days. The charger function is tested upon initial power-up and after every battery discharge cycle thereafter. The AC/DC power transfer circuit is monitored continuously.

The charging mode is also monitored. The unit goes into a high charge mode for 24 hours the first time AC power is applied and when a discharge causes the battery voltage to fall below its nominal value. Pressing the test switch causes the unit to use battery power and test the battery capacity for 30 seconds.

The LED indicator is off when the unit is in the emergency mode and on continuously when the unit is fully charged. The LED blinks when the unit is in the high charge mode. It blinks twice (then repeats) when the battery needs to be replaced, or if it is disconnected. It blinks three times if there is a circuit board (charger or AC/DC transfer function) failure, and four times if there is a lamp failure.

DIMENSIONS

15 1/4" [389 mm]

6 3/16" [157 mm]

6 11/16" [169 mm]
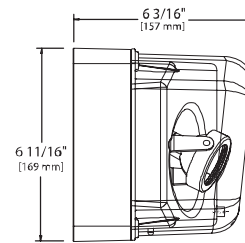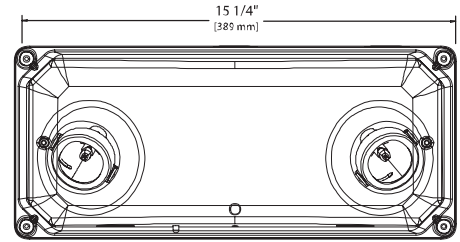
AtLite 023-414
WatchGuard EMS

Indicator	Meaning
● Steady	Float Charge
● Pulse	High Charge
● - ●	Battery Failure
● - ● - ●	Circuit Failure
● - ● - ● - ●	Lamp Failure

TEST INDICATOR

NSF®

SPLASH ZONE

EC&M **Product** OF THE **year** 04 **Category** Winner

ORDERING INFORMATION - NEW YORK CITY / ORDERING INFORMATION - NATIONAL

Catalog No.	Capacity in Watts (Hours)				No. Heads	Watts	Lamp Type	Replacement Lamp	Ship Wt.
	1.5	2	3	4					
					6 VOLT				
12UEL1SD24X	24	--	--	--	2	12	MR16	29-141	--

ORDERING INFORMATION

SAMPLE NUMBER: **12UEL1SD24**

12UEL1	**SD**		**X**		

Family
12UEL1=Nema 4X Emergency Light

SD=Self Diagnostics (Standard)

Housing Finishes
Blank=Silver
BK=Black
WH=White

Total Wattage
24=24 Watts

X=NEMA 4X

Options
A=Ammeter
V=Voltmeter
TDM=Time Delay Monitor
HAZ=Hazardous Locations (Class1, Division 2, Groups

Accessories (order separately)
LASER=Key Chain, Red Laser Pointer (activation tested at 30 feet)
UXPKA=Pendant Kit Adapter (fitting adapts to 1/2" NPT threaded pendant)
VRSD=#8 Centerpin Torx Screwdriver

Mounting Shelf

DESCRIPTION

The AtLite Mounting Shelf simplifies installation of many emergency lighting units. Specify the fixture to be mounted when ordering shelf.

Catalog No.	Dimensions - (mm) A	B	C
MS100	14 1/2" (368)	5 1/8" (130)	8 1/2" (216)
MS200	20" (508)	5 1/8" (130)	8 1/2" (216)

MOUNTING SHELF FOR UNIT EQUIPMENT

Catalog No.	MS

When ordering, please specify catalog number of unit to be used with shelf.
• 14 gauge steel
• Corrosion resistant undercoat
• White powder coat finish
• Keyhole mounting slots provided
• 1/2" retaining lip on three sides
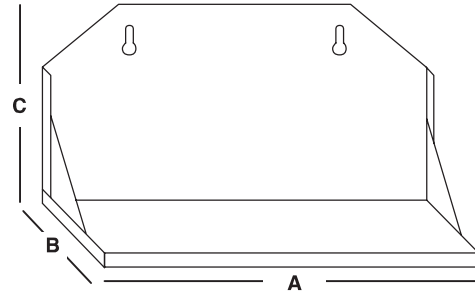
Wire Guards

DESCRIPTION

AtLite Wire Guards can be used with emergency or exit units. Screw eyes are provided for ease of mounting. Attractive white powder coat finish allows guard to blend into background.

WIRE GUARDS

Catalog No.	Mount	For use with	Dimensions (mm) A	B	C
GXB	Wall	AC Only Exit	16 3/8" (416)	6 5/8" (168)	16 3/8" (416)
GXC	Ceiling-End Wall	AC Only Exit	16 3/8" (416)	6 5/8" (168)	16 3/8" (416)
GXBW	Wall	Self-Powered Equipment	19 1/4" (489)	9 5/8" (244)	16 1/4" (413)
GXBC	Ceiling-End Wall	Self-Powered Equipment	19 1/4" (489)	9 5/8" (244)	16 1/4" (413)

When ordering, please specify catalog number of unit to be used with guard.
• Collapsible wire construction
• White powder coat finish
• Corrosion resistant undercoat
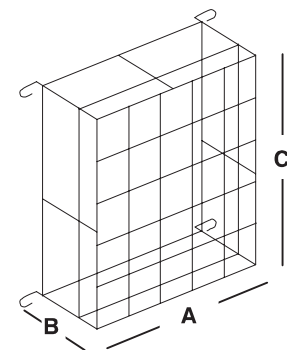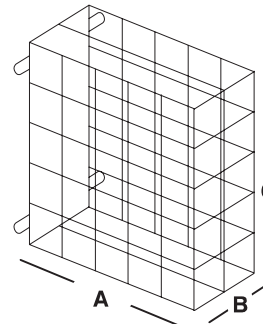
Laser Option

DESCRIPTION

The AtLite Laser Option is a factory-installed option that allows unit testing from the floor by use of an LED laser pointer. Laser testing is easier than common routine testing such as turning off a circuit breaker or using a ladder to get up to high ceilings. A laser pointer beam is directed at a target located on a typical emergency light or self-powered exit sign and activates the emergency back-up system.

Units can be tested from as far as 75 feet easily and accurately. Maintenance staff, security people and others will find this a great way to avoid the difficulties commonly associated with routine emergency light testing. Additionally, the Laser is also an excellent way to "exercise" the batteries in emergency lights. It is believed that such "exercise," consisting of battery discharging and recharging, will extend battery life.

The test switch is actuated by either a finger or laser pointer. A separate laser target may be located near the standard test switch. The combined test switch/laser target or separate laser target shall have a filter lens to eliminate random activating due to high ambient or spurious light.

Ordering Information – add to selected Catalog Number [1]

L	Laser Option installed
LP	Laser Option installed and pointer supplied

ATLITE®   ACCESSORIES

Low Voltage Remote Option

DESCRIPTION

The AtLite Low Voltage Remote Option is a factory-installed option that allows connection of MR16 type lamp remote low voltage fixtures on selected emergency lighting models. Use of this option will allow low voltage lighting, such as decorative overhead and counter display lighting, to be part of the emergency lighting plan.

The option accomplishes this with a series of control relays that when wired according to the instructions disconnect the secondary of the transformer supplied with the low voltage fixtures applying emergency power to the MR16 lamp(s) for 90 minutes during a power failure. Each low voltage fixture is contractor connected to a relay circuit by means of screw terminals. Circuit markings located adjacent to the screw terminals assures proper wiring. As much as 100 watts per circuit or 50 watts per fixture can be connected to a circuit. Four circuits can be accommodated with a maximum of 100 watts per each circuit.

It is important that any of the selected emergency lights, (minimum 54 watts), be ordered less lighting heads. The addition of a suffix indicating the amount of circuits required must be added to the model number. Example 12HC400-0-4LVR represents a selected 400 watt unit without lighting heads and with four (4) circuits (relays) for use with up to 8-50watt MR16 fixtures.

Note: LVR system for use with magnetic low voltage transformer only.

DIMENSIONS
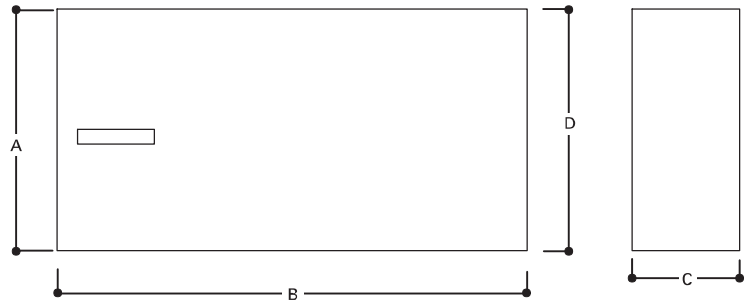
ORDERING INFORMATION - NEW YORK CITY

Catalog No.	Capacity in Watts (Hours)				Dimensions - (mm)				Ship Wt.	No. of LVRs	No. of MR16 Fixtures
	1.5	2	3	4	A	B	C	D			
					12 VOLT						
12ACNY4-0	54	44	--	--	14" (355)	13" (330)	2 5/8" (67)	9" (229)	19	1	1
12ACNY5-0	100	75	50	45	14" (355)	13" (330)	4 1/8" (165)	9" (229)	22	1	2
12HCNY7-0	200	150	100	90	14" (355)	18 5/8" (473)	4" (102)	9" (229)	38	2	4
12HCNY8-0	300	225	150	135	14" (355)	18 5/8" (473)	7 1/2" (191)	9" (229)	64	3	6
12HCNY9-0	400	300	200	180	14" (355)	18 5/8" (473)	7 1/2" (191)	9" (229)	74	4	8

ORDERING INFORMATION - NATIONAL

Catalog No.	Capacity in Watts (Hours)				Dimensions - (mm)				Ship Wt.	No. of LVRs	No. of MR16 Fixtures[1]
	1.5	2	3	4	A	B	C	D			
					12 VOLT						
12AC54-0	54	44	36	--	14" (355)	13" (330)	2 5/8" (67)	9" (229)	19	1	1
12AC100-0	100	75	50	45	14" (355)	13" (330)	4 1/8" (165)	9" (229)	22	1	2
12HC200-0	200	150	100	90	14" (355)	18 5/8" (473)	4" (102)	9" (229)	38	2	4
12HC300-0	300	225	150	135	14" (355)	18 5/8" (473)	7 1/2" (191)	9" (229)	64	3	6
12HC400-0	400	300	200	180	14" (355)	18 5/8" (473)	7 1/2" (191)	9" (229)	74	4	8

[1] Based on 50W MR16 fixture, other wattage consult factory

OPTIONS AND ACCESSORIES

Ordering Information – add to selected Catalog Number[1]

1LVR	Low Voltage Remote Option with one (1) circuit
2LVR	Low Voltage Remote Option with two (2) circuits
3LVR	Low Voltage Remote Option with three (3) circuits
4LVR	Low Voltage Remote Option with four (4) circuits

[1] Low Voltage Remote Option is factory installed only; not available for field installation.

Caution: Total connected load must not exceed battery capacity. Typically each connected remote fixture requires 50 watts each. Battery units are supplied with 100, 200, 300 or 400 watt capacities.

Please check for battery capacity before connecting remotes.
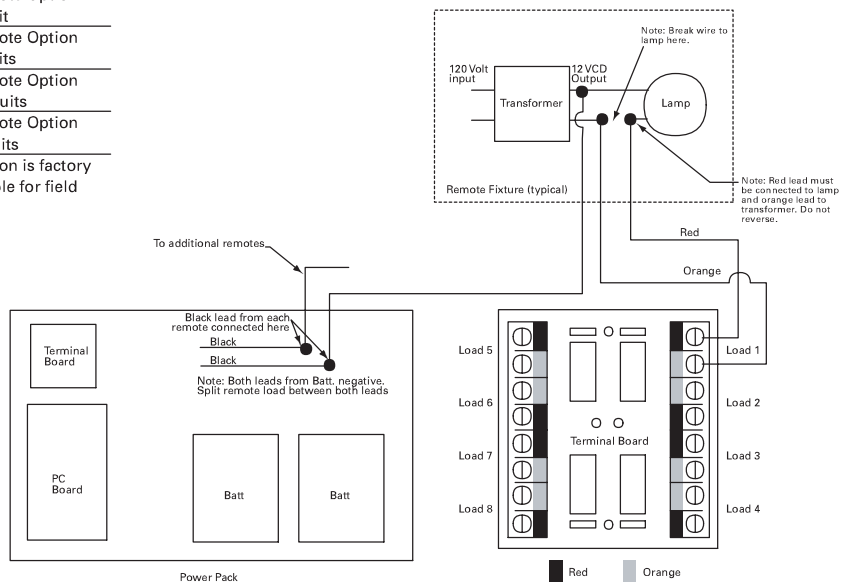
DESCRIPTION

Originally designed for use in New York City Schools, AtLite's series of heavy duty guards are constructed of 18 gauge 1/2" angle welded steel. Guards for battery units and remotes will allow for full adjustment of the heads. Keyhole slots are included on all guards for easy installation and maintenance. Standard powder coat finish is available in black or white.

DIMENSIONS
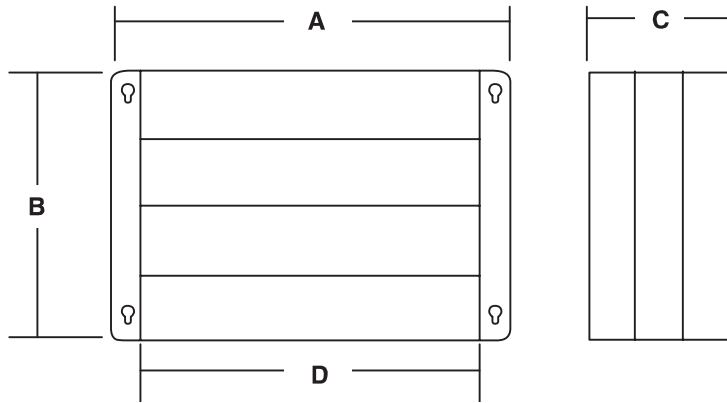
Guard	A	B	C	D
A	15" (381mm)	10" (254mm)	13 1/2" (343mm)	12 7/8" (327mm)
AE	25 7/8" (657mm)	18" (457mm)	10" (254mm)	23 7/8" (606mm)
CE	20" (508mm)	8 3/4" (222mm)	9 5/8" (244mm)	18" (457mm)
EXW	19 3/4" (502mm)	12 1/2" (318mm)	5" (127mm)	17 3/4" (451mm)
EXE	5 1/4" (133mm)	13" (330mm)	19" (483mm)	3 1/4" (83mm)

A GUARD

DESCRIPTION

15" W x 10" H x 13 1/2" D — For use with QFL fixtures.

AE GUARD

DESCRIPTION

25 7/8" W x 18" H x 10" D — For use with all battery units with and without heads-up to 400W. Std. Finish-White.

EXW GUARD

DESCRIPTION

19 3/4" W x 12 1/2" H x 5" D — For use with 6" and 8" WALL mounted exits. Std. Finish- Black

EXE GUARD

DESCRIPTION

19" W x 13" H x 5 1/4" D — For use with 6" and 8" END mounted exits. Std. Finish- Black

CE GUARD

DESCRIPTION

18" W x 8 3/4" H x 9 5/8" D — For use with two and three head remotes as well as certain battery units (PC1-10, CB6 as examples). Std. Finish-White

< SALIDA >

RESTROOM

EMERGENCY
EXIT ONLY

HANDICAPPED
ACCESS

MEN

FIRST
AID >

NO EXIT

WOMEN

COATROOM

NOT AN
EXIT

PERFORMANCE
IN PROGRESS

DARK ROOM
IN USE

X-RAY
IN USE

MEDICATION
ROOM

FIRE COMMAND
STATION

< COATS >

JURY ROOM
CALL

ON AIR

ELEVATOR EXPRESS	2-12	ON AIR STUDIO 1
ELEVATOR LOCAL >	LADIES	ON AIR STUDIO 2
EMPLOYEES ONLY	MICROSCOPE IN USE	LASER IN USE
IN USE	NOT FOR EXIT	ROOM IN USE
< STAIRS >	RECORDING	TELEPHONE
SCANNER IN USE	X-RAY	ENTER

* Consult Factory for Other Available Legends

STEEL PANEL DESCRIPTIONS

DESCRIPTIONS	SIGN	COLOR
IN USE	6"	RED/WHT
LASER IN USE	6"	RED/WHT
X-RAY	6"	RED/WHT
ON AIR	6"	RED/WHT
X-RAY ON	6"	RED/WHT
X-RAY IN USE	6"	RED/WHT
AREA OF RESCUE	6"	RED/WHT
NOT AN EXIT	6"	RED/WHT
DARK ROOM IN USE	6"	RED/WHT
RADIATION IN USE	6"	RED/WHT
BEAM ON	6"	RED/WHT
FIRE	6"	RED/WHT
MEN	6"	
WOMEN	6"	
RECORDING	6"	RED/WHT
RESTROOMS	6"	
DO NOT ENTER	6"	
OCCUPIED	6"	
ROOM IN USE	6"	
LADIES	6"	WHT LTR/GRN
THE MAGNET IS ON	N/A	
OCCUPPIED	6"	WHT/BLK
OCCUPPIED 1	6"	WHT/BLK
OCCUPPIED 2	6"	WHT/BLK
OCCUPPIED 3	6"	WHT/BLK
ON AIR	6"	
IN USE	6"	GRN/WHT
WHEEL CHAIR SYMBOL	6"	WHT/RED
MEDICATION ROOM	6"	RED/WHT
IN USE	6"	BLK LTR/WHT
RADIATION ON	6"	RED/WHT
CT/RADIOGRAPHY IN USE	8"	RED/WHT
ON AIR	8"	RED/WHT
LASER IN USE	8"	RED/WHT
AREA OF RESCUE ASSISTANCE W/HANDICAPPED SYMBOL	8"	
WHEEL CHAIR SYMBOL	8"	
"MEN" "WOMEN" "WHEEL CHAIR" SYMBOLS ONLY	8"	BLU/WHT
IN USE	8"	
AREA OF RESCUE	8"	RED/WHT
X-RAY ON	8"	RED/WHT

STEEL STENCIL

	SIGN	
IN USE	6"	
BEAM ON	6"	
READY	6"	
EXIT CUST. FONT HISTORICAL	8"	
IN USE	8"	
DARK ROOM IN USE	8"	
FIRE ESCAPE	8"	
AREA OF REFUGE	8"	

* Consult Factory for Other Available Legends

INCANDESCENT PAR 36 SEALED BEAM

Watts	Lamp Cat. No.	Volts	Lumens	Photometrics Chart No.
7.2	6RS7	6	95	2
9.0	6RS9	6	108	3
12.0	6RS12	6	137	10
18.0	6RS18	6	158	8
25.0	6RS25	6	318	9
30.0	6RS30	6	380	–
9.0	12RS9	12	111	3
12.0	12RS12	12	177	10
18.0	12RS18	12	213	8
25.0	12RS25	12	327	11
50.0	12RS50	12	590	–

INCANDESCENT WEDGE BASE

Watts	Lamp Cat. No.	Volts	Lumens	Photometrics Chart No.
3.6	6RW3	6	50	1
5.4	6RW5	6	75	(1)
7.2	6RW7	6	101	2
9.0	6RW9	6	132	3
12.0	6RW12	6	163	4
5.4	12RW5	12	75	(1)
9.0	12RW9	12	132	3
12.0	12RW12	12	163	4
18.0	12RW18	12	260	6

(1) **Note:** Photometrics for 6RW5 and 12RW5 use 75% of Chart No. 2

HALOGEN—BI PIN

Watts	Lamp Cat. No.	Volts	Lumens	Photometrics Chart No.
6	6HB6	6	113	3
8	6HB8	6	163	4
10	6HB10	6	201	5
12	6HB12	6	302	6
20	6HB20	6	402	7
8	12HB8	12	163	4
12	12HB12	12	302	6

INCANDESCENT DOUBLE CONTACT BAYONET BASE

Watts	Lamp Cat. No.	Volts	Lumens	Photometrics Chart No.
6	6RD6	6	56	2
13	6RD13	6	122	2
18	6RD18	6	211	5
25	6RD25	6	360	6
6	12RD6	12	56	2
13	12RD13	12	153	4
25	12RD25	12	360	6

HALOGEN PAR 36 SEALED BEAM

Watts	Lamp Cat. No.	Volts	Lumens	Photometrics Chart No.
6	6HS6	6	107	3
8	6HS8	6	155	4
10	6HS10	6	191	5
12	6HS12	6	302	6
20	6HS20	6	382	7
8	12HS8	12	155	4
12	12HS12	12	302	6

Wire Calculations for Voltage Drop Protection

To design a proper emergency lighting system, wire must be sufficiently sized to maintain a proper operating voltage to all lamps. Maximum allowable voltage drop should not exceed 5%.
Proper wire size may be determined from the following formula and table:

$$CM = \frac{22 \times W \times L}{.05 \times E^2}$$

CM – Wire size in circular mils
W – Emergency light load in Watts
L – Length of circuit in feet
E – Line voltage
22 – Constant
.05 – Factor for maximum allowable voltage drop

Using this formula and having calculated the circular mils required to carry the specified load at the allowable voltage drop, the following table will identify the wire size from the circular mil size listed.

Circular Mil. Size	Ampere Capacity	Wire Gauge
6.530	20	12
10.380	25	10
16.510	35	8
26.250	50	6
41.740	70	4

WIRING DISTANCE IN FEET (Maximum Voltage Drop 5%)

Watts	6 volt wire size				12 volt wire size				
	#12	#10	#8	#6	#12	#10	#8	#6	#4
9	68	109	173	270	272	436	692	1080	–
13	41	65	110	165	165	260	415	660	1050
18	30	47	75	120	110	190	300	475	760
25	21	32	54	86	85	136	215	340	540
30	18	28	45	71	71	112	180	285	455
35	15	24	39	62	61	97	154	245	390
50	11	17	27	43	42	68	108	170	275
60	9	14	22	36	35	52	90	140	225
75	8	11	18	29	29	45	72	114	182
100	6	9	14	22	21	34	54	86	137
150	4	6	9	15	14	23	36	57	91
200	–	–	7	11	10	17	27	43	68
250	–	–	–	9	8	14	21	34	55
300	–	–	–	–	–	11	18	28	45

ATLITE®   ISO FOOTCANDLE CHARTS

1

Horizontal Distribution
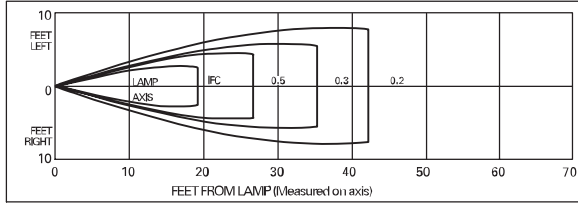
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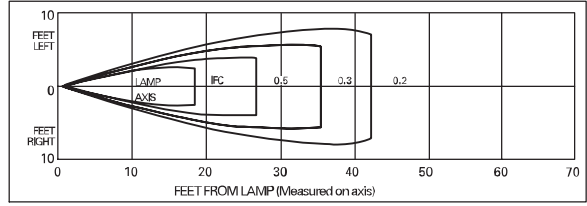
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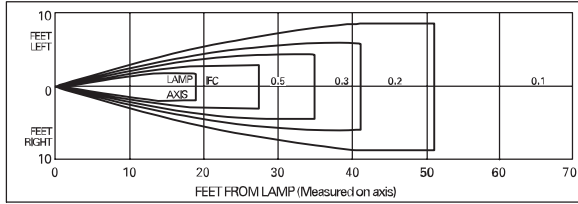
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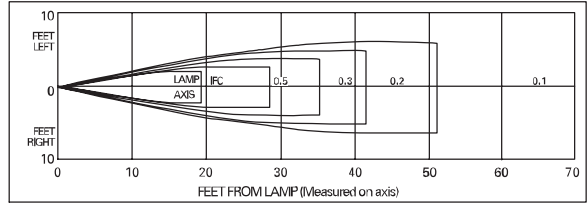
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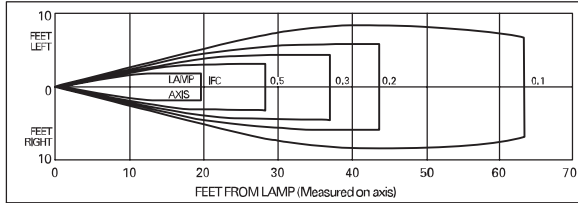
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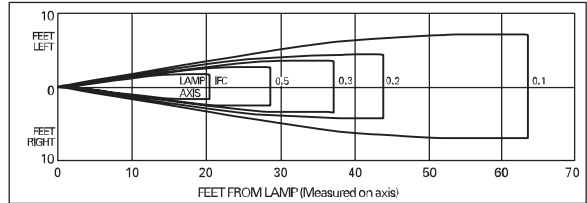
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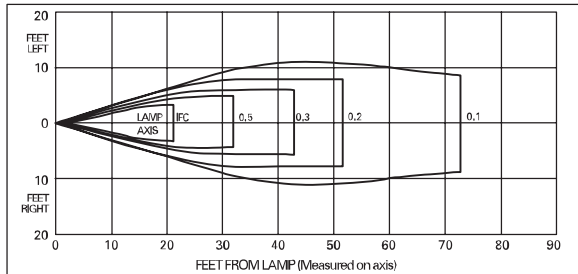
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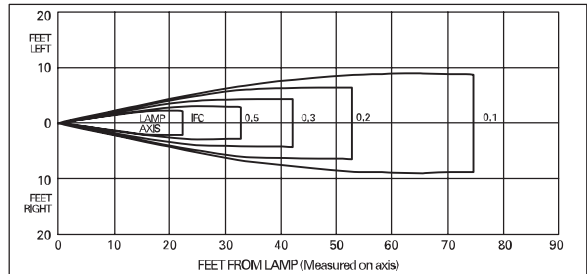
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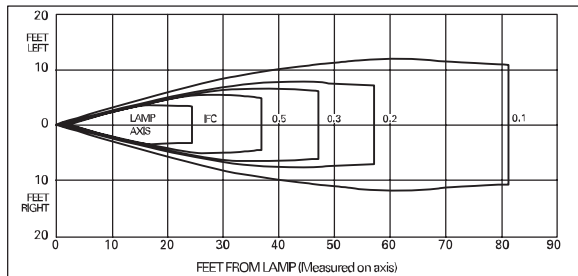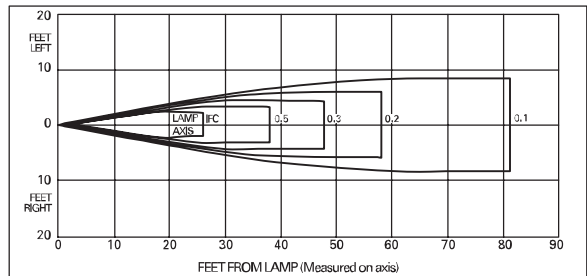
Vertical Distribution

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Horizontal Distribution
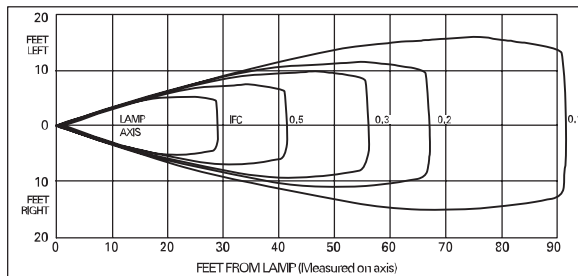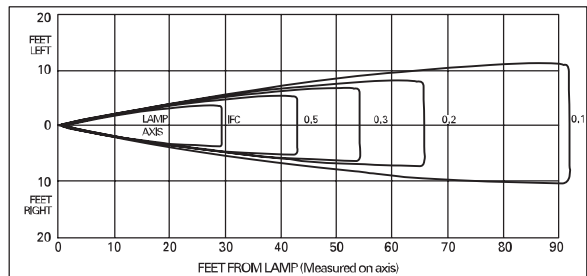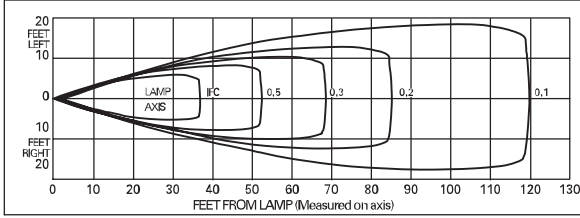
Vertical Distribution

Horizontal Distribution

7

Vertical Distribution

Horizontal Distribution

8

Vertical Distribution

Horizontal Distribution

9

Vertical Distribution

Horizontal Distribution

10

Vertical Distribution

Horizontal Distribution

11

Vertical Distribution

ATLITE®

POWER INVERTERS

DIMENSIONS
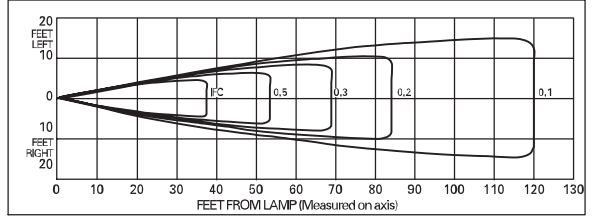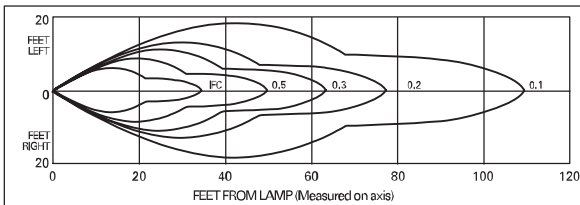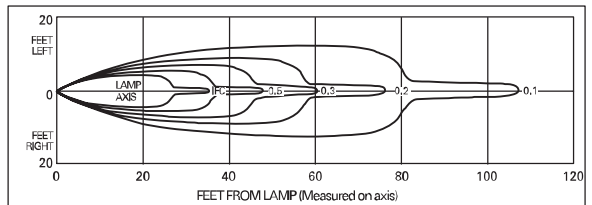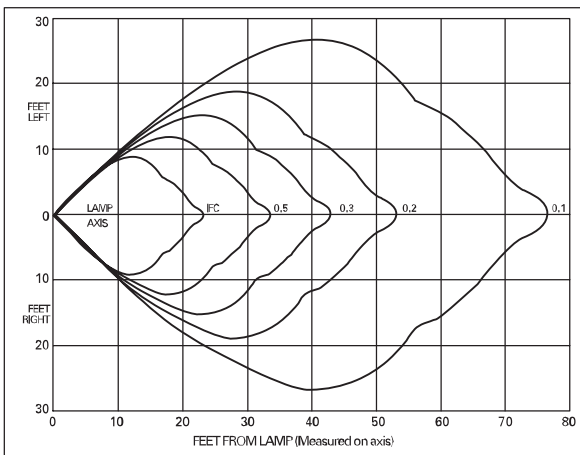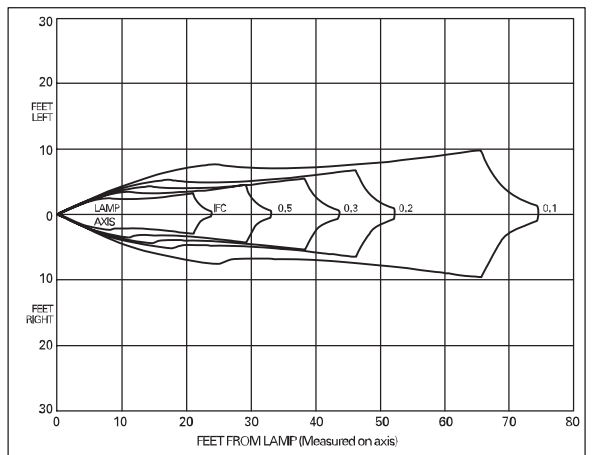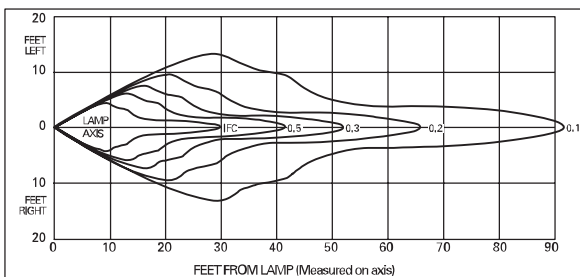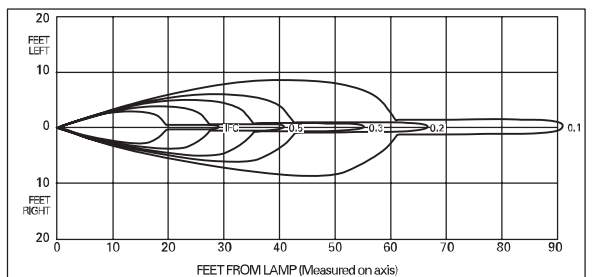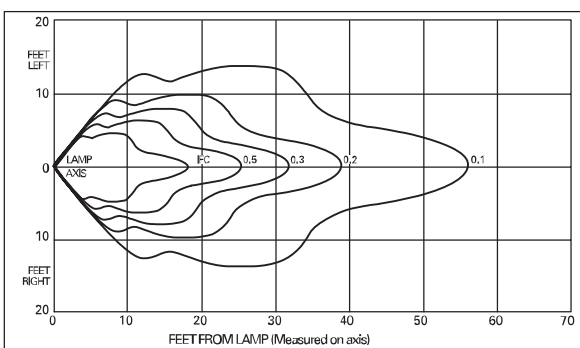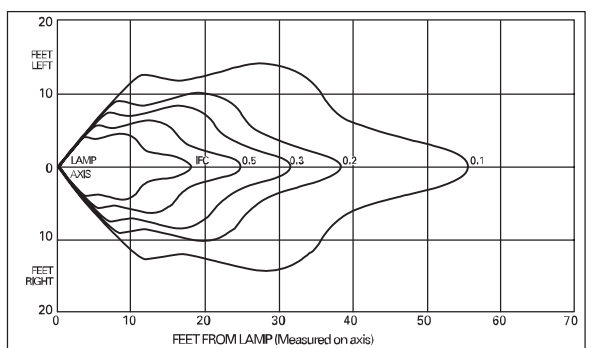
ILLUMINATOR II SINGLE PHASE
FTC SERIES

1.5-15 KW
HID, Fluorescent and Incandescent

ON-LINE POWER
INVERTER SYSTEMS

- Many voltage combinations available
- Available from 1.5 to 15 KW
- Fast Transfer System
- LCD Control and Display Panel
- Status LEDs provide visual information for Input & Output Voltage, Battery Voltage, Battery Output Current, Output VA, Temperature, Inverter Wattage
- Serial RS232 Port to display information on a remote CRT screen
- Pure PWM Sinewave
- Available maintenance bypass switch
- Output circuit breakers available
- Maintenance-Free, Sealed Lead-Calcium batteries
- Formed steel housing is finished in a durable polyester powder coat
- Intelligent computer interface panel is attractive and easy to operate
- UL 924 listed, New York City approved (Calendar #37411), UL 924 (Auxiliary), CSA Certified

ORDERING INFORMATION - NEW YORK CITY / ORDERING INFORMATION - NATIONAL

Part Number	Inverter Electronics Module Power Rating (kVA)	Power Rating (kW)	Efficiency (@ full load)	Audible Noise (dBA @ 1m)[1]	Heat Loss (BTU)	Cabinet Dimensions A in/cm	B in/cm	C in/cm	Weight lbs/kg	Batteries Number of Batteries	Total Weight lbs/kg	Battery Module Voltage (VDC)	Current (Amperes)	Run Time (mins)	Cabinet Dimensions A in/cm	B in/cm	C in/cm	Weight lbs/kg	Number of Battery Cabinets	AC Input 120VAC Running	Maximum	277VAC Running	Maximum
FTC1	1.5	1.5	98	45	75	30/77	47/119	25/64	215/98	296/135	4	48	39	90	na²	na²	na²	na²	na²	12.9A	16A	5.5A	7A
FTC2	2.25	2.25	98	45	100	30/77	47/119	25/64	230/105	444/202	6	72	38	90	na²	na²	na²	na²	na²	19.3A	24A	8.3A	11A
FTC3	3.0	3.0	98	45	160	30/77	47/119	25/64	235/107	592/269	8	96	38	90	na²	na²	na²	na²	na²	25.7A	32A	11.1A	14A
FTC4	3.75	3.75	98	45	200	30/77	47/119	25/64	240/109	740/336	10	120	37	90	na²	na²	na²	na²	na²	32.1A	39A	13.9A	17A
FTC5	4.8	4.8	98	45	245	30/77	47/119	25/64	280/128	888/403	12	144	40	90	na²	na²	na²	na²	na²	41.2A	50A	17.8A	22A
FTC6	6.0	6.0	98	45	300	30/77	47/119	25/64	300/137	1110/504	15	180	40	90	30/77	47/119	25/64	150/69	1	51.5A	63A	22.3A	27A
FTC7	8.0	8.0	98	45	400	30/77	47/119	25/64	335/152	1480/672	20	240	39	90	30/77	47/119	25/64	150/69	1	68.6A	84A	29.7A	36A
FTC8	10.0	10.0	98	45	500	30/77	47/119	25/64	440/200	1776/806	24	144	82	90	30/77	47/119	25/64	300/137	2	85.8A	105A	37.1A	45A
FTC9	12.5	12.5	98	45	660	30/77	47/119	25/64	460/209	2220/1007	30	180	82	90	30/77	47/119	25/64	300/137	2	107.2A	131A	46.4A	57A
FTC10	16.7	16.7	98	45	840	30/77	47/119	25/64	500/227	2960/1343	40	240	80	90	30/77	47/119	25/64	300/137	2	143.3A	174A	62.0A	76A

SPECIFICATION DATA

INPUT
- Voltage - 120 or 277VAC 1-phase 2-wire +10%-15%. Contact factory for all other voltages.
- Input Power - Walk-in Limiting inrush current to less than 125%, 10 times for 1 line cycle.
- Input Frequency - 60Hz, +/-3%, 50Hz Available upon request.
- Synchronizing Slew Rate - 1Hz per second nominal.
- Protection - Input Circuit Breaker
- Harmonic Distortion - < 10%
- Power Factor - 0.5 lag/lead

OUTPUT
- Voltage - 120 or 277VAC 1-phase 2-wire. Contact factory for all other voltages.
- Static Voltage - Load current change +/-2%, battery discharge +/-12.5%.
- Dynamic Voltage - +/-2% for +/-25% load step change, +/-3% for a 50% load step change, recovery within 3 cycles.
- Harmonic Distortion - <3% THD for linear load
- Overload - Fuse protected
- Output Frequency - 60Hz +/- 0.05Hz during emergency mode
- Load Power Factor - 0.5 lag to 0.5 lead
- Inverter Overload - 125% for 5 minutes
- Protection - Optional Distribution Circuit Breakers

BATTERY
- Type - Valve-regulated sealed lead-calcium (standard). See page 4 for additional battery options.
- Charger - Microprocessor controlled for various battery types and temperature compensating (recharge per UL924 spec)
- Protection - Automatic low-battery disconnect; automatic restart upon utility return.
- Disconnect - Fuse
- Optional Runtimes - Extended runtimes available. Consult factory.

ENVIRONMENTAL
- Altitude - <10,000 feet (above sea level) without de-rating.
- Operating Temperature - System operates safely from 0° to 40°C (32° to 104°F) up to 95% humidity. UL rating, 20° to 30°C (68° to 86° F), includes   battery performance which can be affected by temperature. Contact factory for details.
- Storage Temperature - -20° to 70°C (electronics only).
- Relative Humidity - < 95% (non-condensing).

GENERAL
- Transfer Time - 2 milliseconds
- Design - Stand-by no break. PWM inverter type utilizing IGBT technology with 2mS transfer time.
- Generator Input - Compatible with generators.
- Control Panel - Microprocessor controlled 2 x 20-character display with touch pad controls & function 5 LED indicators & alarm with ring-back feature.
- Metering - Input & Output Voltage, Battery Voltage, Battery & Output Current, Output VA, Temperature, Inverter Wattage.
- Alarms - High/Low Battery Charger Fault, Near Low Battery, Low Battery, Load Reduction Fault, Output Overload, High/Low AC Input Volts, High Ambient Temperature, Inverter Fault, Output Fault, Optional Circuit Breaker Trip.
- Communications - RS-232 port (DB9)
- Manual Maintenance Bypass - Optional internal or optional external without internal distribution breakers
- Alarm Contacts - Optional Summary Form "C" Contact
- Warranty - 1 year standard warranty includes all parts, labor & travel expenses within 48 contiguous states. Up to 10 years prorated warranty on batteries. Extended warranties, preventative maintenance and customized service plans are available.
- Factory Start-up - Purchase factory start-up & receive 1 additional year of warranty

PHYSICAL
- Cabinet - Freestanding NEMA Type 1
- Cooling - Forced Air, during emergency mode
- Cable Entry - Top or side
- Access - Front

DIMENSIONS
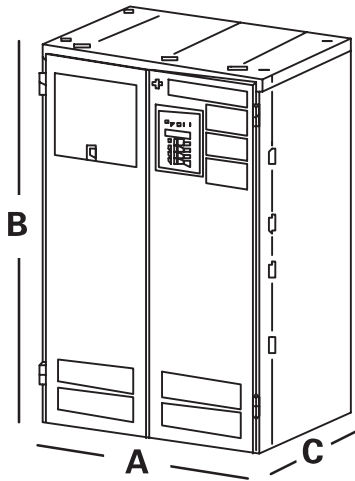
ILLUMINATOR II SINGLE PHASE ISC SERIES

1.5-15 KW Fluorescent and Incandescent

ON-LINE POWER INVERTER SYSTEMS

- Many voltage combinations available
- Available from 1.5 to 15 KW
- Fast Transfer System
- LCD Control and Display Panel
- Status LEDs provide visual information for Input & Output Voltage, Battery Voltage, Battery Output Current, Output VA, Temperature, Inverter Wattage
- Serial RS232 Port to display information on a remote CRT screen
- Pure PWM Sinewave
- Available maintenance bypass switch
- Output circuit breakers available
- Maintenance-Free, Sealed Lead-Calcium batteries
- Formed steel housing is finished in a durable polyester powder coat
- Intelligent computer interface panel is attractive and easy to operate
- UL 924 listed, New York City approved (Calendar #37411), UL 924 (Auxiliary), CSA Certified

ORDERING INFORMATION - NEW YORK CITY / ORDERING INFORMATION - NATIONAL

Part Number	Inverter Electronics Module					Cabinet Dimensions				Batteries		Battery Module			Cabinet Dimensions					AC Input			
	Power Rating (kVA)	Power Rating (kW)	Efficiency (@ full load)	Audible Noise (dBA @ 1m)[1]	Heat Loss (BTU)	A in/cm	B in/cm	C in/cm	Weight lbs/kg	Total Weight lbs/kg	Number of Batteries	Voltage (VDC)	Current (Amperes)	Run Time (mins)	A in/cm	B in/cm	C in/cm	Weight lbs/kg	Number of Battery Cabinets	120VAC Running	120VAC Maximum	277VAC Running	277VAC Maximum
ISC1	1.5	1.5	98	45	75	30/77	47/119	25/64	215/98	296/135	4	48	39	90	na²	na²	na²	na²	na²	12.9A	16A	5.5A	7A
ISC2	2.25	2.25	98	45	100	30/77	47/119	25/64	230/105	444/202	6	72	38	90	na²	na²	na²	na²	na²	19.3A	24A	8.3A	11A
ISC3	3.0	3.0	98	45	160	30/77	47/119	25/64	235/107	592/269	8	96	38	90	na²	na²	na²	na²	na²	25.7A	32A	11.1A	14A
ISC4	3.75	3.75	98	45	200	30/77	47/119	25/64	240/109	740/336	10	120	37	90	na²	na²	na²	na²	na²	32.1A	39A	13.9A	17A
ISC5	4.8	4.8	98	45	245	30/77	47/119	25/64	280/128	888/403	12	144	40	90	na²	na²	na²	na²	na²	41.2A	50A	17.8A	22A
ISC6	6.0	6.0	98	45	300	30/77	47/119	25/64	300/137	1110/504	15	180	40	90	30/77	47/119	25/64	150/69	1	51.5A	63A	22.3A	27A
ISC7	8.0	8.0	98	45	400	30/77	47/119	25/64	335/152	1480/672	20	240	39	90	30/77	47/119	25/64	150/69	1	68.6A	84A	29.7A	36A
ISC8	10.0	10.0	98	45	500	30/77	47/119	25/64	440/200	1776/806	24	144	82	90	30/77	47/119	25/64	300/137	2	85.8A	105A	37.1A	45A
ISC9	12.5	12.5	98	45	660	30/77	47/119	25/64	460/209	2220/1007	30	180	82	90	30/77	47/119	25/64	300/137	2	107.2A	131A	46.4A	57A
ISC10	16.7	16.7	98	45	840	30/77	47/119	25/64	500/227	2960/1343	40	240	80	90	30/77	47/119	25/64	300/137	2	143.3A	174A	62.0A	76A

SPECIFICATION DATA

INPUT
- Voltage - 120 or 277VAC 1-phase 2-wire +10%-15%. Contact factory for all other voltages.
- Input Power - Walk-in Limiting inrush current to less than 125%, 10 times for 1 line cycle.
- Input Frequency - 60Hz, +/-3%, 50Hz Available upon request.
- Synchronizing Slew Rate - 1Hz per second nominal.
- Protection - Input Circuit Breaker
- Harmonic Distortion - < 10%
- Power Factor - 0.5 lag/lead

OUTPUT
- Voltage - 120 or 277VAC 1-phase 2-wire. Contact factory for all other voltages.
- Static Voltage - Load current change +/-2%, battery discharge +/-12.5%.
- Dynamic Voltage - +/-2% for +/-25% load step change, +/-3% for a 50% load step change, recovery within 3 cycles.
- Harmonic Distortion - <3% THD for linear load
- Overload - Fuse protected
- Output Frequency - 60Hz +/- 0.05Hz during emergency mode
- Load Power Factor - 0.5 lag to 0.5 lead
- Inverter Overload - 125% for 5 minutes
- Protection - Optional Distribution Circuit Breakers

BATTERY
- Type - Valve-regulated sealed lead-calcium (standard). See page 4 for additional battery options.
- Charger - Microprocessor controlled for various battery types and temperature compensating (recharge per UL924 spec)
- Protection - Automatic low-battery disconnect; automatic restart upon utility return.
- Disconnect - Fuse
- Optional Runtimes - Extended runtimes available. Consult factory.

ENVIRONMENTAL
- Altitude - <10,000 feet (above sea level) without de-rating.
- Operating Temperature - System operates safely from 0° to 40°C (32° to 104°F) up to 95% humidity. UL rating, 20° to 30°C (68° to 86° F), includes battery performance which can be affected by temperature. Contact factory for details.
- Storage Temperature - -20° to 70°C (electronics only).
- Relative Humidity - < 95% (non-condensing).

GENERAL
- Transfer Time - 50 milliseconds
- Design - Stand-by no break. PWM inverter type utilizing IGBT technology with 2mS transfer time.
- Generator Input - Compatible with generators.
- Control Panel - Microprocessor controlled 2 x 20-character display with touch pad controls & function 5 LED indicators & alarm with ring-back feature.
- Metering - Input & Output Voltage, Battery Voltage, Battery & Output Current, Output VA, Temperature, Inverter Wattage.
- Alarms - High/Low Battery Charger Fault, Near Low Battery, Low Battery, Load Reduction Fault, Output Overload, High/Low AC Input Volts, High Ambient Temperature, Inverter Fault, Output Fault, Optional Circuit Breaker Trip.
- Communications - RS-232 port (DB9)
- Manual Maintenance Bypass - Optional internal or optional external without internal distribution breakers
- Alarm Contacts - Optional Summary Form "C" Contact
- Warranty - 1 year standard warranty includes all parts, labor & travel expenses within 48 contiguous states. Up to 10 years prorated warranty on batteries. Extended warranties, preventative maintenance and customized service plans are available.
- Factory Start-up - Purchase factory start-up & receive 1 additional year of warranty

PHYSICAL
- Cabinet - Freestanding NEMA Type 1
- Cooling - Forced Air, during emergency mode
- Cable Entry - Top or side
- Access - Front

POWER INVERTERS

DESCRIPTION

DIMENSIONS

The AtLite Illuminator II Three Phase represents the highest performance in uninterruptible technology while the transistorized inverter is providing power protection. Ready for virtually any emergency with this stand by power system. This pulse width modulated inverter has 2 millisecond transfer time. The AC in to AC out operating efficiency is typically 98%, well above a typical fast transfer inverter. The internal construction of each cabinet consists of an AC to DC battery charger, DC to AC inverter.

ILLUMINATOR II THREE PHASE SERIES

4.8-50 kVA HID, Fluorescent and Incandescent

ON-LINE POWER INVERTER SYSTEMS

- Choice of 120/208 VAC or 277/480 VAC, 60 Hz; other voltages available, consult Cooper Lighting Representative
- Available from 4.8 to 50 kVA
- Three Phase, WYE or DELTA configurations
- 98% efficiency
- PWM/GBT Technology
- 115% overload capacity
- Sine wave output
- 80 db transverse mode noise attenuation
- 120 db common mode noise attenuation
- Input circuit breaker
- Battery circuit breaker on 24 kVA and up
- Sealed lead calcium batteries standard
- Output distortion <3% THD Linear Load
- Solid State
- RS-232 Communication
- Formed steel cabinet and doors are finished in a durable powder coat
- Front access doors allow easy entry for servicing
- Acoustically Quiet
- UL 924 Listed

ORDERING INFORMATION - NEW YORK CITY	ORDERING INFORMATION - NATIONAL

Part Number	Power Rating (kVA)	Power Rating (kW)	Efficiency (@ full load)	Audible Noise (dBA @ 1m)[1]	Heat Loss (BTU)	A in/cm	B in/cm	C in/cm	Weight lbs/kg	Number of Batteries	Total Weight lbs/kg	Voltage (VDC)	Current (Amperes)	Run Time (mins)	A in/cm	B in/cm	C in/cm	Weight lbs/kg	Number of Battery Cabinets	Total Number of Cabinets
C3FT004	4.8	4.8	97	45	245	30/77	46/117	22/56	440/200	na[2]	1548/703	144	39	90	30/77	46/117	22/56	na[2]	1	2
C3FT006	6.0	6.0	97	45	300	30/77	47/119	25/64	440/200	na[2]	1770/804	180	39	90	30/77	46/117	22/56	na[2]	1	2
C3FT008	8.0	8.0	97	45	400	30/77	47/119	25/64	440/200	na[2]	2360/1072	240	39	90	30/77	46/117	22/56	na[2]	2	3
C3FT010	10.0	10.0	97	45	500	30/77	47/119	25/64	520/237	na[2]	2736/1243	144	81	90	30/77	46/117	22/56	na[2]	2	3
C3FT012	12.5	12.5	97	45	660	30/77	47/119	25/64	520/237	na[2]	3180/1444	180	81	90	30/77	46/117	22/56	na[2]	2	3
C3FT016	16.7	16.7	97	45	840	30/77	47/119	25/64	520/237	na[2]	4140/1880	240	81	90	30/77	47/119	25/64	na[2]	3	4
C3FT024	24.0	24.0	97	45	1200	44/112	72/183	31/79	665/302	na[2]	5165/2803	240	117	90	48/122	72/183	31/79	na[2]	2	3
C3FT033	33.0	33.0	97	45	1500	44/112	72/183	31/79	775/352	na[2]	7775/3535	240	160	90	48/122	72/183	31/79	na[2]	2	3
C3FT040	40.0	40.0	97	45	1980	44/112	72/183	31/79	855/389	na[2]	9855/4481	240	194	90	48/122	72/183	31/79	na[2]	3	4
C3FT050	50.0	50.0	97	45	2520	44/112	72/183	31/79	975/443	na[2]	11475/5216	240	243	90	48/122	72/183	31/79	na[2]	3	4

SPECIFICATION DATA

Input Voltage	120/208 or 277/480VAC 3-phase 4 wire +1% - 15% (Wye configuration)
Input Frequency	60Hz, ±3%, 50Hz available upon request
Input Protection	Input Circuit Breaker
Input Harmonic Distortion	<10%
Input Power Factor	.5 lag/lead
Output Voltage	120/208 or 277/480VAC 3-phase 4 wire (Wye or Delta configuration)
Static Voltage	Load current change ±4%, battery discharge ±4%
Dynamic Voltage	±3% for ±25% load step change, ±6% for a 50% load step change, recovery within 3 cycles
Output Harmonic Distortion	<3% THD for linear load
Output Frequency	60 Hz ±0.05Hz during emergency mode
Load Power Factor	.5 lag to .5 lead
Inverter Overload	115% for 5 minutes
Output Protection	Output Circuit Breaker (Optional)
Battery	Sealed Lead Calcium
Environmental	
Humidity	<95% (non-condensing)
Operating Temp.	20° to +30°C
Storage Temp.	-20° to 70°C (Electronics only)
Altitude	<10,000 feet without derating

DIMENSIONS
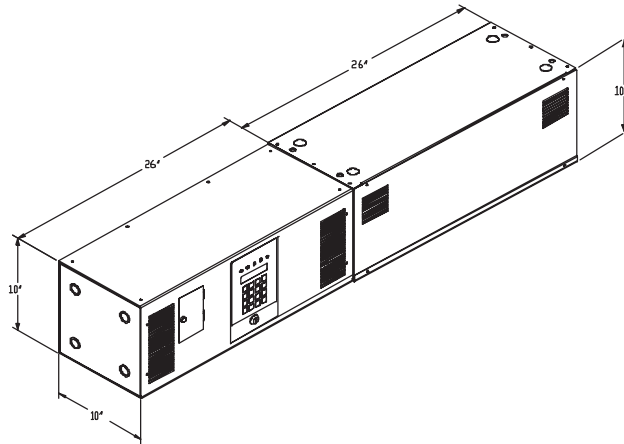
DESCRIPTION

The new AtLite Illuminator Micro Inverter Series fast transfer inverter is a lightweight, compact unit that takes the place of larger cabinets when space is at a premium. The new modular design allows the Micro Series inverter to be configured to meet varying KW requirements from 500W to 2000W. The Micro can be configured at the factory to meet the specified job load requirements or it can be field configured at the job site when an upgrade or downgrade in load capacity is needed. In addition, the versatility of the modular design allows the individual inverter and battery cabinets to be mounted on the floor or wall, side by side, or stacked when mounting space is at a premium. The Micro Series individual inverter and individual battery cabinets are only 26"Wx10"Hx10"D providing the smallest inverter footprint in the industry. The Micro Series inverter is UL924 listed and meets NFPA 101 requirements providing the full 90 minutes of illumination for emergency egress lighting.

ILLUMINATOR II MICRO INVERTER Series

**500VA - 2,000VA
HID, Fluorescent and Incandescent**

**ON-LINE POWER
INVERTER LIGHTING**

**CHICAGO CODE
EMERGENCY LIGHTING**

- Choice of 120V or 277VAC, 60Hz; other voltages available, Consult Cooper Lighting Representative
- Available from 500 to 2000 Watts
- Single Phase
- Field upgradeable from 500W to 2000W
- Self Testing and Diagnostic with Event, Test and Alarm logs
- User programmable with password protection for alarms and diagnostics
- 98% efficient in standby mode - no fan needed for cooling
- Battery, Input and Output Protection Circuit Breakers
- Maintenance Free Sealed Lead Calcium Batteries
- Formed 16 gauge steel housing is finished in a durable powder coat finish
- Small footprint, lightweight size allows for wall and floor mounting
- Front circuit breaker and fuse access panel for easy routine maintenance
- Modular design for ease of installation when space is at a premium
- UL 924 Listed, Meets NFPA 101 Requirements

ORDERING INFORMATION - NEW YORK CITY | ORDERING INFORMATION - NATIONAL

Part Number	Wattage Rating	VA Rating	Input Voltage	Output Voltage	Battery Weight (lbs.)	System Weight (lbs.)	Cabinet H"xW"xD"	Cabinet Qty
CMFT005	500	500	120 or 277	120 or 277	107	206	10x26x10	2
CMFT010	1000	1000	120 or 277	120 or 277	214	335	10X26X10	3
CMFT015	1500	1500	120 or 277	120 or 277	321	464	10X26X10	4
CMFT020	2000	2000	120 or 277	120 or 277	427	592	10x26x10	5

SPECIFICATION DATA

Input Voltage	120 or 277 VAC, Two wire plus ground, +10/-15%
Input Frequency	60Hz, ±3Hz
Synchronizing Slew Rate	1Hz per second
Input Protection	Input Circuit Breaker
Output Voltage	120 or 277 VAC
Crest Factor	2.8 = peak/rms
Voltage THD	<3% THD for Linear Load
Output Frequency	60 Hz ±0.05Hz Crystal Controlled
Inverter Overload	115% for 5 minutes
Output Voltage Regulation	±3% for ±25% load step change
Output Protection	(1) Output Circuit Breaker
Battery	Maintenance free sealed lead calcium 48 VDC for all models
Environmental	
Humidity	<95% (non-condensing)
Operating Temp.	20° to +30°C
Storage Temp.	-20° to 70°C (Electronics only)
Altitude	<10,000 feet without derating

ATLITE® RECESSED LIGHTING

IC (INSULATED CEILING)/AIR-TITE™

• Miniature Recessed ICAT

4"+ **67**	4"+ **68**	4"+ **69**
Z1ICAT New Work Low Voltage Standard Housing	**Z1ICAT2** New Work Low Voltage Compact Housing	**L1ICAT** New Work Line Voltage Housing

• Standard Recessed ICAT

5"+ **70**	5"+ **70**	6"+ **71**	6"+ **71**	6"+ **73**	6"+ **74**
WICAT5 New Work Reduced Aperture Housing	**WRICAT5** Remodel Housing	**WICAT2** New Work Housing	**WRICAT2** Remodel Housing	**WICAT2NB** Fixed Socket Position (No Bracket)	**WICAT2U** Universal Housing
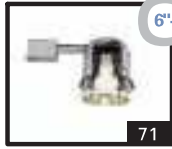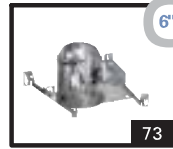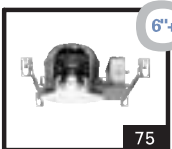
6"+ **75**	5"+ **76**	6"+ **77**	6"+ **77**	6"+ **78**	8 1/2"+ **79** 10 1/2"+ **79**
W12ICAT Shallow Housing	**CF5ICAT** Compact Fluorescent Housing 13 Watt	**CW318-ICAT** Compact Fluorescent Housing 18 Watt	**CW326-ICAT** Compact Fluorescent Housing 26 Watt	**CW3ICAT** Compact Fluorescent Housing 13 Watt	**P988ICAT** Square Housing **P9111ICAT** Square Housing
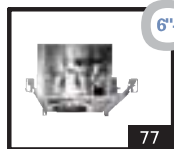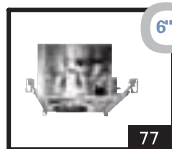
NON-IC AND IC

• Miniature Recessed- Non-IC and IC

4"+ **80**	4"+ **80**	4"+ **83**	4"+ **84**	4"+ **84**
Z1, Z2 New Work Low Voltage Housing	**ZR1** Remodel Low Voltage Housing	**Z1-75** New Work Line Voltage Housing	**L1** New Work Line Voltage Housing	**LR1** Remodel Line Voltage Housing

• Standard Recessed- Non-IC and IC

6"+ **86**	6"+ **86**	6"+ **88**	6"+ **88**	6"+ **90**	6"+ **90**
W1 New Work Housing Non-IC	**WR1** Remodel Housing Non-IC	**WIC2** New Work Housing IC	**WRIC2** Remodel Housing IC	**W3** Compact Fluorescent New Work Housing Non-IC 13Watt	**WR3** Compact Fluorescent Remodel Housing Non-IC 13Watt
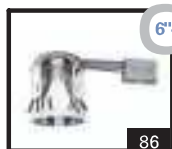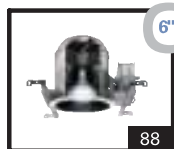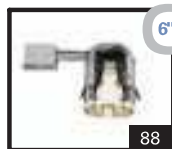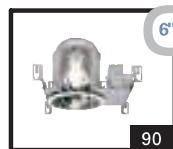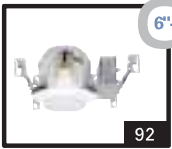
6"+ **92**	6"+ **92**
W12 Shallow New Work Housing Non-IC	**WR12** Shallow Remodel Housing Non-IC

• LiteAll™ Non-IC

3"+ **93**	3"+ **93**	4"+ **94**	4"+ **94**	6"+ **95**	6"+ **96**
A2TP Cones and Baffles	**A22TP** Cones and Baffles	**A1TP** Cones and Baffles	**A12TP** Cones and Baffles	**A3TP** Cones and Baffles	**A32TP** Cones and Baffles
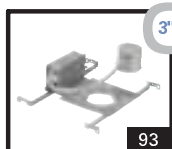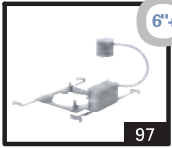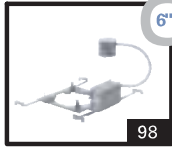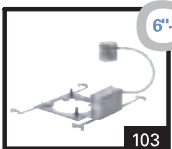
• LiteAll™ Non-IC
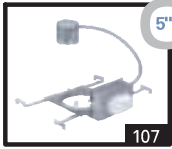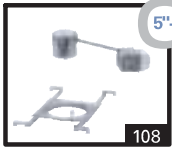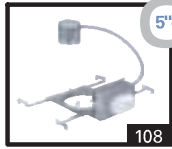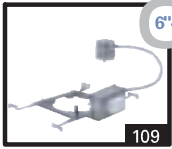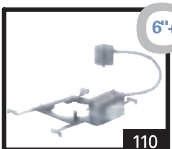
6"+ 97	6"+ 97	6"+ 98
A5TP Regressed Eyeballs	**A32TP** Regressed Eyeballs	**A3TP** Eyeball

6"+ 98	6"+ 99	6"+ 99
A32TP Eyeball	**A5TP** Adjustable	**A32TP** Adjustable

7"+ 100	7"+ 100	6"+ 101
A3TP Wall Wash	**A32TP** Wall Wash	**A3TP** Regressed Lenses

6"+ 101	6"+ 102	6"+ 102
A32TP Regressed Lenses	**A3TP** Alzak® Reflectors	**A32TP** Alzak® Reflectors

6"+ 103	6"+ 103
A3TPDL Shower Lite	**A32TPDL** Shower Lite

COMMERCIAL PRODUCTS

• Commercial Downlighting Non-IC

104	105	106
CH213/CH228 Compact Fluorescent Downlights Two Lamp Horizontal 13 Watt & 28 Watt	**CH218/CH226** Compact Fluorescent Downlights Two Lamp Horizontal 18 Watt & 26 Watt	**CS/CR218 CS/CR226** Low Profile Downlight New Work & Old Work

• LiteAll™ Non-IC

5"+ 107	5"+ 107	5"+ 108
A6 Double Twin Tube Compact Fluorescent 9 Watt	**A62** Double Twin Tube Compact Fluorescent 9 Watt	**A7** Double Twin Tube Compact Fluorescent 13 Watt

5"+ 108	6"+ 109	6"+ 109
A72 Double Twin Tube Compact Fluorescent 13 Watt	**A8** Double Twin Tube Compact Fluorescent 9 Watt	**A82** Double Twin Tube Compact Fluorescent 9 Watt

6"+ 110	6"+ 110
A9 Double Twin Tube Compact Fluorescent 13 Watt	**A92** Double Twin Tube Compact Fluorescent 13 Watt

SPECIALTY

5"+ 111	5"+ 111	4"+ 112
407TP, 404TP Shower Lights	**427TP, 424TP** Shower Lights	**R30TP, R40TP** High Hats

5"+ 112	8 1/2"+ 113	10 1/2"+ 113
R309TP, R409TP High Hats	**P988TP** Squares, Non IC	**P9111TP** Squares, Non IC

			MOUNTING ACCESSORIES
114	115	115	116
Cast Aluminum Brackets	**Recessed Fluoresent**	**Step Lights**	

AtLite®

AtLite provides lighting solutions that meet New York ECCC Standards.

Energy Conservation Construction Code
of New York State

Basic Requirements Guide

"Recessed lighting fixtures must be 1) IC rated with no penetrations, or 2) IC rated in accordance with ASTM283, or 3) installed inside an air-tight assembly with a 0.5 inch (12.76 mm) clearance from any combustible material and a 3 inch (76 mm) clearance from insulation material."

Commercial and High-Rise Residential
Section III [Building] Envelope Compliance Guide

"Recessed lighting fixtures must be air-tight and rated for insulation contact (IC); i.e., rated for direct contact with insulation. A non-IC rated fixture is acceptable if installed in a sealed, airtight box and is not in direct contact with insulation according to code."

AIR-TITE™ HOUSINGS

AtLite offers a complete family of IC-rated Air-Tite™ housings for any application.

4" Incandescent
   L1ICAT

4" Low Voltage
   Z1ICAT, Z1ICAT2

5" Incandescent/Compact Fluorescent
   WICAT5, WRICAT5, CF5ICAT

6" Incandescent
   WICAT2, WRICAT2, WICAT2NB,
   WICAT2U, W12ICAT

6" Compact Fluorescent
   CW3ICAT, CW318-ICAT, CW326-ICAT

9"/11" Square Incandescent
   988-2WICAT, 988-4WICAT,
   9111-2WICAT, 9111-4WICAT

Energy Efficient
Recessed Lighting

AtLite Air-Tite™ energy efficient recessed lighting is the perfect solution for controlling rising energy costs and providing the comfort and peace-of-mind of sealed construction.

ATLITE AIR-TITE™ BENEFITS

Reduce heating and air conditioning bills.

Air-Tite™ is energy efficient, preventing both energy "leaks" into and out of the home. Maintains integrity of insulation R values by preventing condensation of moisture in insulation.

Eliminate drafts for greater comfort.

Standard recessed housings allow outside air to leak through the housing creating drafts – Air-Tite™ housings eliminate drafts.

Prevent moisture damage to ceilings.

The Air-Tite™ sealed construction prevents condensation from forming in cooler places of the home, such as attics. Reduces mold and mildew, providing better structural integrity and air quality.

Reduce sound transmission between rooms.

Air-Tite™ construction decreases the transfer of sound between rooms for a quieter environment.

Meets Code Requirements

- ECCC New York State
- IECC - International Energy Conservation Code
- MEC - Model Energy Code
- WSEC - Washington State Energy Code
- Certified under ASTM E283

ENERGY EFFICIENT DESIGN

AtLite Air-Tite™ sealed construction saves money by preventing conditioned air losses through housing and ceiling openings.

SEALED IC HOUSING

Standard recessed housings allow 5.0 cubic feet per minute of air leakage to escape into unconditioned space. AtLite Air-Tite™ prevents this leakage by sealing all air pathways between living areas and attic spaces. Sealed housing can be completely buried in insulation.

SEALED IC HOUSING

DESCRIPTION

Miniature diameter AIR-TITE™ IC-housing for low voltage accent and task lighting. (50W Maximum)

4"+ Aperture

AIR-TITE™

BAFFLES

Z133	**Z133**	Black Baffle w/Gloss White Trim
	Z133WB	White Baffle w/Gloss White Trim
	Lamp:	20/42/50W 12V MR16
	OD:	5"

Z233WB	**Z233**	Black Coilex® Baffle w/Matte White Trim - 35° Tilt
	Z233PB	Black Coilex® Baffle w/Polished Brass Trim - 35° Tilit
	Z233WB	White Coilex® Baffle w/Matte White Trim - 35° Tilt
	Lamp:	20/42/50W 12V MR16
	OD:	5"

Z493SN	**Z493SN**	Black Coilex® Baffle - Plastic, Satin Nickel Trim
	Lamp:	20/42/50W 12V MR16
	OD:	5 1/16"

Z453SN	**Z453SN**	Satin Nickel Coilex® Baffle - Metal, Satin Nickel Trim
	Lamp:	
	OD:	5 1/16"

Z419SN	**Z419SN**	Open Coilex® Pinhole, Satin Nickel Trim & Baffle
	Z419	Open Coilex® Pinhole, Matte White Trim w/Black Baffle
	Lamp:	20/42/50W 12V MR16
	OD:	5 1/16"

REFLECTORS

Z135	**Z135**	Clear Cone w/Gloss White Trim
	Z136	Gold Cone w/Gloss White Trim
	Lamp:	20/42/50W 12V MR16
	OD:	5"

Z235	**Z235**	Clear Cone w/Matte White Trim
	Z236	Gold Cone w/Matte White Trim
	Lamp:	20/42/50W 12V MR16
	OD:	5"

Z421SN	**Z421SN**	Satin Nickel Reflector Cone with Satin Nickel Trim, 35° Tilt
	Lamp:	20/42/50W 12V MR16
	OD:	5 1/16"

ADJUSTABLES

Z145	**Z145**	Gloss White Eyeball w/Gloss White Trim
	Lamp:	20/42/50W 12V MR16
	OD:	5"

Z152	**Z152**	Gloss White Slot Aperture Trim
	Lamp:	20/42/50W 12V MR16
	OD:	5"

Z495SN	**Z495SN**	Gimbal Adjustable - 30° Tilt Satin Nickel Trim
	Z495	Gimbal Adjustable - 30° Tilt Matte White Trim
	Lamp:	20/42/50W 12V MR16
	OD:	5 1/16"

Z498SN	**Z498SN**	Eyeball - 30° Tilt Satin Nickel Trim, Black Coilex® Baffle
	Z498	Eyeball - 30° Tilt Matte White Trim, Black Coilex® Baffle
	Lamp:	20/42/50W 12V MR16
	OD:	5 1/16"

Z496SN	**Z496SN**	Retractable Elbow - 50° Tilt Satin Nickel Trim
	Z496	Retractable Elbow - 50° Tilt Matte White Trim
	Lamp:	20/42/50W 12V MR16
	OD:	5 1/16"

Z420SN	**Z420SN**	Slot Aperture - 35° Tilt Satin Nickel Trim
	Z420	Slot Aperture - 35° Tilt Matte White Trim
	Lamp:	20/42/50W 12V MR16
	OD:	5 1/16" (slot - 1 3/8" x 2 1/4")

DIFFUSERS

Z451SN	**Z451SNS**	Shower Light, Satin Nickel Trim Ring
	Z451WS	Shower Light, Matte White Trim Ring
	Lamp:	20/42/50W 12V MR16
	OD:	5 1/16"

OPEN

Z945	**Z945**	Metropolitan Ice Lite, Frosted Glass
	Z945BL	Metropolitan Ice Lite, Blue Frosted Glass
	Z945RS	Metropolitan Ice Lite, Rose Frosted Glass
	Lamp:	20/42/50W 12V MR16
	OD:	5 5/16"

Z946PB	**Z946PB**	Metropolitan Deco, Translucent Discs w/Polished Brass Ring
	Z946BC	Metropolitan Deco, Translucent Discs w/Black Chrome Ring
	Lamp:	20/42/50W 12V MR16
	OD:	5 5/8"

Z1ICAT
NEW WORK
AIR-TITE™
IC HOUSING

Low Voltage Housing - IC Air-Tite™

RECESSED LIGHTING

Housing Features
- Insulated ceiling housing UL listed for direct contact with ceiling insulation.
- Insulated ceiling housing also limits air leakage from conditioned areas into open joist and plenum spaces.
- Includes integral thermal protector to insure against improper lamping
- Junction box is UL listed for through branch circuit wiring. Includes knockouts.
- Unit includes captive bar hangers to span 24" joists and can be rotated 90°.
- **Z1ICAT:** 120 Volt, Magnetic Transformer, 50W Max.

Installation Features
- 7 1/4" height for 2" x 8" construction.
- Housing removes from plaster frame for junction box and transformer access.
- Housing adjusts for up to 1" thick ceiling.

Listings
- UL Damp Location
- UL Feed Through
- Meets New York ECCC and IECC
- Meets State of Washington Restricted Air Flow Requirements
- ASTM E283 certified

Dimensions
- Height: 7 1/4"
- Housing: 13 1/2" x 14"
- Ceiling opening: 4 1/2"

Miniature Low Voltage Compact Housing - Air-Tite™

DESCRIPTION

Compact miniature diameter AIR-TITE™ IC-housing for low voltage accent and task lighting. (50W Maximum)

AIR-TITE™

4"+ Aperture

Z1ICAT2
NEW WORK
AIR-TITE™
IC HOUSING

Compact Low Voltage Housing - IC Air-Tite™

RECESSED LIGHTING

Housing Features
- Insulated ceiling housing UL listed for direct contact with ceiling insulation.
- Insulated ceiling housing also limits air leakage from conditioned areas into open joist and plenum spaces.
- Includes integral thermal protector to insure against improper lamping
- Junction box is UL listed for through branch circuit wiring. Includes knockouts.
- Unit includes captive bar hangers to span 24" joists and can be rotated 90°.
- **Z1ICAT2:** 120 Volt, Magnetic Transformer, 50W Max.

Installation Features
- 7 1/4" height for 2" x 8" construction.
- Compact width fits narrow joist spaces.
- Housing removes from plaster frame for junction box and transformer access.

Listings
- UL Damp Location
- UL Feed Through
- Meets New York ECCC and IECC
- Meets State of Washington Restricted Air Flow Requirements
- ASTM E283 certified

Dimensions
- Height: 7 1/4"
- Housing: 9 1/2" x 13"
- Ceiling opening: 4 1/2"

BAFFLES

Z133	Z133	Black Baffle w/Gloss White Trim	**Z493SN**	Z493SN	Black Coilex® Baffle - Plastic, Satin Nickel Trim
	Z133WB	White Baffle w/Gloss White Trim		Lamp:	20/42/50W 12V MR16
	Lamp:	20/42/50W 12V MR16		OD:	5 1/16"
	OD:	5"			
Z233	Z233	Black Coilex® Baffle w/Matte White Trim - 35° Tilt	**Z453SN**	Z453SN	Satin Nickel Coilex® Baffle - Metal, Satin Nickel Trim
	Z233PB	Black Coilex® Baffle w/Polished Brass Trim - 35° Tilit		Lamp:	
	Z233WB	White Coilex® Baffle w/Matte White Trim - 35° Tilt		OD:	5 1/16"
	Lamp:	20/42/50W 12V MR16	**Z419SN**	Z419SN	Open Coilex® Pinhole, Satin Nickel Trim & Black Baffle
	OD:	5"		Z419	Open Coilex® Pinhole, Matte White Trim & Black Baffle
				Lamp:	20/42/50W 12V MR16
				OD:	5 1/16"

REFLECTORS

Z135	Z135	Clear Cone w/Gloss White Trim	**Z421SN**	Z421SN	Satin Nickel Reflector Cone - with Satin Nickel Trim, 35° Tilt
	Z136	Gold Cone w/Gloss White Trim		Lamp:	20/42/50W 12V MR16
	Lamp:	20/42/50W 12V MR16		OD:	5 1/16"
	OD:	5"			
Z235	Z235	Clear Cone w/Matte White Trim			
	Z236	Gold Cone w/Matte White Trim			
	Lamp:	20/42/50W 12V MR16			
	OD:	5"			

ADJUSTABLES

Z145	Z145	Gloss White Eyeball w/Gloss White Trim	**Z498SN**	Z498SN	Eyeball - 30° Tilt Satin Nickel Trim, Black Coilex® Baffle
	Lamp:	20/42/50W 12V MR16		Z498	Eyeball - 30° Tilt Matte White Trim, Black Coilex® Baffle
	OD:	5"		Lamp:	20/42/50W 12V MR16
Z152	Z152	Gloss White Slot Aperture Trim		OD:	5 1/16"
	Lamp:	20/42/50W 12V MR16	**Z496SN**	Z496SN	Retractable Elbow - 50° Tilt Satin Nickel Trim
	OD:	5"		Z496	Retractable Elbow - 50° Tilt Matte White Trim
Z495SN	Z495SN	Gimbal Adjustable - 30° Tilt Satin Nickel Trim		Lamp:	20/42/50W 12V MR16
	Z495	Gimbal Adjustable - 30° Tilt Matte White Trim		OD:	5 1/16"
	Lamp:	20/42/50W 12V MR16	**Z420SN**	Z420SN	Slot Aperture - 35° Tilt Satin Nickel Trim
	OD:	5 1/16"		Z420	Slot Aperture - 35° Tilt Matte White Trim
				Lamp:	20/42/50W 12V MR16
				OD:	5 1/16" (slot - 1 3/8" x 2 1/4")

DIFFUSERS

Z451SN	Z451SNS	Shower Light, Satin Nickel Trim Ring
	Z451WS	Shower Light, Matte White Trim Ring
	Lamp:	20/42/50W 12V MR16
	OD:	5 1/16"

OPEN

Z945	Z945	Metropolitan Ice Lite, Frosted Glass	**Z946PB**	Z946PB	Metropolitan Deco, Translucent Discs w/Polished Brass Ring
	Z945BL	Metropolitan Ice Lite, Blue Frosted Glass		Z946BC	Metropolitan Deco, Translucent Discs w/Black Chrome Ring
	Z945RS	Metropolitan Ice Lite, Rose Frosted Glass		Lamp:	50W 12V MR16
	Lamp:	50W 12V MR16		OD:	5 5/8"
	OD:	5 5/16"			

ATLITE®

4"+ Aperture

AIR-TITE™

Miniature diameter AIR-TITE™ IC-housing for low voltage accent and task lighting. (50W Maximum)

BAFFLES

L33	**L33**	Black Baffle with White Trim
	L33WB	White Baffle with White Trim
	Lamp:	35W PAR20, 50W R20*, 50W PAR20* (*with socket extender L199)
	OD:	5"
L133	**L133**	Black Baffle with White Trim
	L133WB	White Baffle with White Trim
	Lamp:	L133: 45W R20 or 50W PAR20
		L133WB: 40W A19 or 50W PAR20/R20
	OD:	5"

L493SN	**L493SN**	Black Coilex® Baffle - Plastic, Satin Nickel Trim
	L493	Black Coilex® Baffle - Plastic, Matte White Trim
	Lamp:	35W PAR20, 50W R20*, 50W PAR20* (*with socket extender L199)
	OD:	5 1/16"
L453SN	**L453SN**	Satin Nickel Coilex® Baffle - Metal, Satin Nickel Trim
	Lamp:	
	OD:	5 1/16"

REFLECTORS

L35	**L35**	Clear Cone with White Trim
	L36	Gold Cone with Matte White Trim
	Lamp:	50W PAR20/R20
	OD:	5"

L499SN	**L499SN**	Satin Nickel Reflector Cone with Satin Nickel Trim
	L499	Matte White Clear Reflector Cone with Matte White Trim
	Lamp:	50W R20, 40W R16, 50W PAR20, 40W A19
	OD:	5 1/16"

ADJUSTABLES

L45	**L45**	Gloss White Eyeball with White Trim
	Lamp:	40W R16
	OD:	5"
L498SN	**L498SN**	Eyeball - 30° Tilt, Satin Nickel Trim
	L498	Eyeball - 30° Tilt, Matte White Trim
	Lamp:	40W R16
	OD:	5 1/16"

L496SN	**L496SN**	Eyeball - 15° Tilt, Satin Nickel Trim
	L496	Eyeball - 15° Tilt, Matte White Trim
	Lamp:	50W PAR20
	OD:	5 1/16"

DIFFUSERS

L451SNS	**L451SNS**	Shower Light, Satin Nickel Trim Ring
	L451WS	Shower Light, Matte White Trim Ring
	Lamp:	30W R20, 35W PAR20, 50W PAR20* (*with socket extender L199)
	OD:	5 1/16"

OPEN

L945	**L945**	Metropolitan Ice Lite, Frosted Glass
	L945BL	Metropolitan Ice Lite, Blue Frosted Glass
	L945RS	Metropolitan Ice Lite, Rose Frosted Glass
	Lamp:	30W R20
	OD:	5 5/16"

L946PB	**L946PB**	Metropolitan Deco, Translucent Discs w/Polished Brass Ring
	L946BC	Metropolitan Deco, Translucent Discs w/Black Chrome Ring
	Lamp:	35W R20
	OD:	5 5/8"

SOCKET EXTENDER

L199	**L199**	1" Socket Extension

1" Socket Extension for use in L1ICAT with trims L133, L133WB, L493, L493SN, L451, L451SN when using with 50W PAR20/R20 lamps.

L1ICAT
NEW WORK AIR-TITE™ IC HOUSING

Line Voltage Housing - Air-Tite™

RECESSED LIGHTING

Housing Features
- Insulated ceiling housing UL listed for direct contact with ceiling insulation.
- Insulated ceiling housing also limits air leakage from conditioned areas into open joist and plenum spaces.
- Includes integral thermal protector to insure against improper lamping.
- Junction box is UL listed for through branch circuit wiring. Includes knockouts.
- Unit includes captive bar hangers to span 24" joists.

Installation Features
- 5 3/8" height for 2" x 6" construction.
- Housing removes from plaster frame for junction box and transformer access.
- Housing adjusts for up to 1" thick ceiling.

Listings
- UL Damp Location
- UL Feed Through
- Meets New York ECCC and IECC
- Meets State of Washington Restricted Air Flow Requirements
- ASTM E283 certified

Dimensions
- Height: 5 3/8"
- Ceiling opening: 4 1/2"
- Housing: 5 1/4" x 8"

Standard - Reduced Aperture Air-Tite™

DESCRIPTION

5"+ Aperture

AIR-TITE™

WICAT5
NEW WORK
AIR-TITE™
IC HOUSING

**Standard - Reduced
Aperture Air-Tite™**

RECESSED LIGHTING

Housing Features
• Integral thermal protector provides a guard against misuse of insulation materials or improper lamping.
• 7 1/2" height enables use in 2" x 8" construction.
• Housing adjusts for ceilings up to 2" thick.
• Insulated ceiling housings are UL listed for direct contact with ceiling insulation.

Listings
• UL Damp Location
• UL Feed Through
• Meets New York ECCC and IECC
• Meets State of Washington Restricted Air Flow Requirements
• ASTM E283 certified

Dimension
• Height: 7 1/2"
• Ceiling opening: 5 3/4"
• Housing: 6 3/4" x 10 1/4"

5"+ Aperture

AIR-TITE™

WRICAT5
REMODEL
AIR-TITE™
IC HOUSING

**Standard - Reduced
Aperture Air-Tite™**

RECESSED LIGHTING

DESCRIPTION

Housing Features
• Integral thermal protector provides a guard against misuse of insulation materials or improper lamping.
• 7 1/2" height enables use in 2" x 8" construction.
• Four remodel clips secure housing and accommodate ceiling thickness to 5/8"
• Integral flange secures fixture against ceiling.
• Insulated ceiling housings are UL listed for direct contact with ceiling insulation.

Listings
• UL Damp Location
• UL Feed Through
• Meets New York ECCC and IECC
• Meets State of Washington Restricted Air Flow Requirements
• ASTM E283 certified

Dimension
• Height: 7 1/2"
• Ceiling opening per cut-out template: 5 1/2" nominal
• Housing: 6" Flange Diameter x 14"

REFLECTORS

W520	W520	Clear Cone Reflector w/Gloss White Trim
	Lamp:	WICAT5 60W BR30, 75W PAR30
		WRICAT5 60W BR30, 50W PAR30, 50W PAR30L

BAFFLES

W513WB	W513	Black Metal Baffle with Gloss White Trim
	W513WB	Gloss White Metal Baffle with Gloss White Trim
	Lamp:	WICAT5
		W513: 65W BR30, 50W PAR30L
		W513WB: 65W BR30, 75W PAR30L
		WRICAT5
		W513: 65W BR30, 50W PAR30L
		W513WB: 65W BR30, 75W PAR30L

DIFFUSERS

WS551	WS551	Frosted Lens with White Trim
	Lamp:	WS551: 35W PAR30L

ADJUSTABLES

W570	W570	Gloss White Eyeball w/ Gloss White Trim
	Lamp:	75W PAR30

DESCRIPTION

Housing Features

- Integral thermal protector provides a guard against misuse of insulation materials or improper lamping.
- Utilizes an adjustable socket bracket, allowing the use of different lamp types while insuring correct lamp positioning.
- 7 1/2" height enables use in 2 x 8 construction.
- Housing adjusts for ceilings up to 1" thick.
- Insulated ceiling housings are UL listed for direct contact with ceiling insulation.

Listings

- UL Damp Location
- UL Feed Through
- Meets New York ECCC and IECC
- Meets State of Washington Restricted Air Flow Requirements
- ASTM E283 certified

Dimension

- Height: 7 1/2"
- Ceiling opening: 6 1/2"
- Housing: 7 1/2" x 10 1/2"

WICAT2
NEW WORK
AIR-TITE™
IC HOUSING

Standard - Air-Tite™

RECESSED LIGHTING

DESCRIPTION

Housing Features

- Integral thermal protector provides a guard against misuse of insulation materials or improper lamping.
- Utilizes an adjustable socket bracket, allowing the use of different lamp types while insuring correct lamp positioning.
- 7 1/2" height enables use in 2 x 8 construction.
- Insulated ceiling housings are UL listed for direct contact with ceiling insulation.
- Remodel Housing fits nominal 6 1/2" hole in any existing ceiling. (Per Template)
- One piece, complete flange secures housing against ceiling.
- Four Remodel Clips secure housing in various ceiling thicknesses.

Listings

- UL Damp Location
- UL Feed Through
- Meets New York ECCC and IECC
- Meets State of Washington Restricted Air Flow Requirements
- ASTM E283 certified

Dimension

- Height: 7 1/2"
- Ceiling opening per cut-out template: 6 1/2" nominal
- Housing: 6 7/8" Flange Diameter x 13 1/4"

WRICAT2
REMODEL
AIR-TITE™
IC HOUSING

Standard - Air-Tite™

RECESSED LIGHTING

6'+
Aperture

WICAT2
WRICAT2
TRIMS

BAFFLES		
W713WB	**W707**	Black Metal Baffle with Gloss White Trim
	W707WB	Gloss White Metal Baffle with Gloss White Trim
	W713	Black Metal Full Cone Baffle with Gloss White Trim
	W713WB	Gloss White Metal Full Cone Baffle with Gloss White Trim
	W714	Black Plastic Coilex® Baffle with Gloss White Trim (For use with WICAT2 only.)
	W714WB	Gloss White Plastic Coilex® Baffle with Gloss White Trim (For use with WICAT2 only.)
	Lamp:	**W707/W707WB:** 50W PAR30, 65W BR30, 75W PAR30L, 75W R30
		W713/W713WB: 65W BR30, 90W BR40, 75W PAR30, 75W PAR30L, 40W A19
		W714/W714WB: 65W BR30, 50W PAR30, 75W PAR30L

REFLECTORS		
W710	**W710**	Clear Cone Reflector with Gloss White Trim
	W710G	Gold Cone Reflector with Gloss White Trim
	W712	Gloss White Full Cone Reflector with Gloss White Trim
	Lamp:	**W710/W710G:** 50W PAR30, 65W BR30, 75W R30, 75W PAR30L
		W712: 65W BR30, 90W BR40, 75W PAR30, 75W PAR30L, 40W A19

ADJUSTABLES					
W704	**W704**	Gloss White Eyeball with Gloss White Trim	**W711**	**W711**	Gloss White Eyeball with Black Baffle
	Lamp:	75W R30, 65W BR30, 75W PAR30L		**Lamp:**	50W PAR30 (WICAT2 only)

DIFFUSERS		
W721	**W721**	Albalite Lens with Gloss White Trim
	Lamp:	40W A19

OPEN		
W705	**W705**	Gloss White Metal Open
	Lamp:	65W BR30, 75W PAR30, 75W PAR30L

ATLITE®

6'+ Aperture

AIR-TITE™

WICAT2NB
NEW WORK
AIR-TITE™
IC HOUSING

Standard - Air-Tite™
Fixed Socket
(No Bracket)

RECESSED LIGHTING

BAFFLES

W713WB	**W713**	Black Metal Full Cone Baffle with Gloss White Trim
	W713WB	Gloss White Metal Full Cone Baffle with Gloss White Trim
	Lamp:	**W713/W713WB:** 65W BR30, 90W BR40, 75W PAR30, 5W PAR30L, 40W A19

REFLECTORS

| **W712** | **W712** | Gloss White Full Cone Reflector with Gloss White Trim |
| | **Lamp:** | **W712:** 65W BR30, 90W BR40, 75W PAR30, 75W PAR30L, 40W A19 |

OPEN

| **W705** | **W705** | Gloss White Metal Open |
| | **Lamp:** | **W705:** 65W BR30, 75W PAR30, 75W PAR30L |

ADJUSTABLES

| **W704** | **W704** | Gloss White Eyeball with Gloss White Trim | **W711** | **W711** | Gloss White Eyeball with Black Baffle |
| | **Lamp:** | **W704:** 75W R30, 65W BR30, 75W PAR30L | | **Lamp:** | **W711:** 50W PAR30 |

LENS AND DIFFUSERS

| **W721** | **W721** | Albalite Lens with Gloss White Trim |
| | **Lamp:** | **W721:** 40W A19 |

Housing Features
- Fixed lamp socket position, saves installation time.
- IC, Air-Tite™ housing without socket plate for use with socket supporting trims only.
- Integral thermal protector provides a guard against misuse of materials or improper lamping.
- 7 1/2" height enables use in 2 x 8 construction.
- Housing adjusts for ceilings up to 1" thick.
- Insulated ceiling housings are UL listed for direct contact with ceiling insulation.

Listings
- UL Damp Location
- UL Feed Through
- Meets New York ECCC and IECC
- Meets State of Washington Restricted Air Flow Requirements
- ASTM E283 certified

Dimension
- Height: 7 1/2"
- Ceiling opening: 6 1/2"
- Housing: 7 1/2" x 10 1/2"

AIR-TITE™

6"+ Aperture

WICAT2U
NEW WORK
AIR-TITE™
IC HOUSING

Standard - Air-Tite™
Universal Housing

RECESSED LIGHTING

Housing Features
- Integral thermal protector provides a guard against misuse of insulation materials or improper lamping.
- 7 1/4" height enables use in 2 x 8 construction.
- Housing adjusts for ceilings up to 1" thick.
- Insulated ceiling housings are UL listed for direct contact with ceiling insulation.

Listings
- UL Damp Location
- UL Feed Through
- Meets New York ECCC and IECC
- Meets State of Washington Restricted Air Flow Requirements
- ASTM E283 certified

Dimension
- Height: 7 1/4"
- Ceiling opening: 6 1/2"
- Housing: 9 1/2" x 13"

BAFFLES

W713WB

W707	Black Metal Baffle with Gloss White Trim
W707WB	Gloss White Metal Baffle with Gloss White Trim
W713	Black Metal Full Cone Baffle with Gloss White Trim
W713WB	Gloss White Metal Full Cone Baffle with Gloss White Trim

Lamp: **W707/W707WB:** 65W BR30, 90W PAR38, 100W R40, 75W R30, 75W PAR30, 75W PAR30L, 90W BR40
W713/W713WB: 85W BR30, 120W BR40, 75W PAR30, 75W PAR30L, 60W A19

REFLECTORS

W710

W710	Clear Cone Reflector with Gloss White Trim
W710G	Gold Cone Reflector with Gloss White Trim
W712	Gloss White Full Cone Reflector with Gloss White Trim

Lamp: **W710/W710G:** 75W PAR30, 75W PAR30L, 85W BR30, 90W BR40, 100W PAR38, 100W R30, 100W R40
W712: 85W BR30, 120W BR40, 75W PAR30, 75W PAR30L, 60W A19

OPEN

W705

W705	Gloss White Metal Open

Lamp: **W705:** 100W R30, 75W PAR30, 75W PAR30L, 85W BR30

ADJUSTABLES

W704

W704	Gloss White Eyeball with Gloss White Trim

Lamp: **W704:** 100W R30, 75W PAR30, 75W PAR30L, 85W BR30

W721

W721	Albalite Lens with Gloss White Trim

Lamp: **W721:** 60W A19

BAFFLES

W707WB

W707	Black Metal Baffle with Gloss White Trim
W707WB	Gloss White Metal Baffle with Gloss White Trim
W714	Black Plastic Baffle with Gloss White Trim
W714WB	Gloss White Plastic Baffle with Gloss White Trim

Lamp: **W707/W707WB:** 50W PAR30, 65W BR30, 75W PAR30L
W714/W714WB: 50W PAR30L, 50W PAR30, 65W BR30

REFLECTORS

W710

W710	Clear Cone Reflector with Gloss White Trim
W710G	Gold Cone Reflector with Gloss White Trim
Lamp:	**W710/W710G:** 65W BR30, 75W R30, 75W PAR30L, 50W PAR30

OPEN

W705

W705	Gloss White Metal Open
Lamp:	**W705:** 50W PAR30L, 65W BR30, 75W R30

EYEBALL

W704

W704	Gloss White Eyeball with Gloss White Trim
Lamp:	**W704:** 65W BR30, 75W R30, 75W PAR30L

W711

W711	Gloss White Eyeball with Black Baffle
Lamp:	**W711:** 50W PAR30

6"+ Aperture

AIR-TITE™

W12ICAT
NEW WORK
AIR-TITE™
SHALLOW
IC HOUSING

**Standard - Air-Tite™
Shallow Housing**

RECESSED LIGHTING

Housing Features
- Integral thermal protector provides a guard against misuse of insulation materials or improper lamping.
- 5 1/2" height enables use in 2" x 6" construction.
- Housing adjusts for ceilings up to 1" thick.
- Insulated ceiling housings are UL listed for direct contact with ceiling insulation.

Listings
- UL Damp Location
- UL Feed Through
- Meets New York ECCC and IECC
- Meets State of Washington Restricted Air Flow Requirements
- ASTM E283 certified

Dimension
- Height: 5 1/2"
- Ceiling opening: 6 1/2"
- Housing 7 1/2" x 10 1/2"

5"+ Aperture

CF5ICAT
NEW WORK
AIR-TITE™
IC HOUSING

Standard - Air-Tite™
Compact Fluorescent

RECESSED LIGHTING

Standard Features
- Integral Fluorescent ballast for one 13W Double Twin Tube (DTT) Compact Fluorescent lamp.
- Junction Box is listed for through branch circuit wiring and has seven 1/2" and four Romex knockouts with true pry out slots.
- 7 1/2" height allows use in 2" x 8" construction.
- Housing adjusts for ceilings up to 1 3/8" thick.
- Insulated ceiling housings are UL listed for direct contact with ceiling insulation.
- Lamp: (1) 13W DTT 2-Pin GX23-2 Base

Listings
- UL Damp Location
- UL Feed Through
- Meets New York ECCC and IECC
- Meets State of Washington Restricted Air Flow Requirements
- ASTM E283 certified

Dimension
- Height: 7 1/2"
- Ceiling opening: 5 3/4"
- Housing: 7 1/4″ x 12 1/2″

BAFFLES		
W513WB	**W513**	Black Metal Baffle with Gloss White Trim
	W513WB	Gloss White Metal Baffle with Gloss White Trim
	Lamp:	**W513/W513WB:** 13W DTT

LENS AND DIFFUSERS		
WS551	**WS551**	Frosted Lens with White Trim
	Lamp:	**WS551:** 13W DTT

Standard - Air-Tite™ Compact Fluorescent

ATLITE®

DESCRIPTION

Standard Features
- Integral Fluorescent ballast for one 18W Double Twin (DTT) or Compact Fluorescent lamp.
- Junction Box is listed for through branch circuit wiring and has seven 1/2" and four Romex knock-outs with true pry out slots.
- 7 3/8" height allows use in 2" x 8" construction.
- Housing adjusts for ceilings up to 1-1/4" thick.
- Insulated ceiling housings are UL listed for direct contact with ceiling insulation.
- Lamp: (1) 18 W DTT 2-Pin GX24-2 Base

Listings
- UL Damp Location
- UL Feed Through
- Meets New York ECCC and IECC
- Meets State of Washington Restricted Air Flow Requirements
- ASTM E283 certified

Dimension
- Height: 7 3/8"
- Ceiling opening: 6 1/2"
- Housing: 9 1/2" x 13"

6"+ Aperture

AIR-TITE™

CW318-ICAT
NEW WORK
AIR-TITE™
IC HOUSING

Standard - Air-Tite™
Compact Fluorescent

RECESSED LIGHTING

DESCRIPTION

Standard Features
- Integral Fluorescent ballast for one 26W Double Twin (DTT) Compact Fluorescent lamp.
- Junction Box is listed for through branch circuit wiring and has seven 1/2" and four Romex knock-outs with true pry out slots.
- 7 3/8" height allows use in 2" x 8" construction.
- Housing adjusts for ceilings up to 1-1/4" thick.
- Insulated ceiling housings are UL listed for direct contact with ceiling insulation.
- Lamp: (1) 18 W 26W DTT 2-Pin GX24-3 Base

Listings
- UL Damp Location
- UL Feed Through
- Meets New York ECCC and IECC
- Meets State of Washington Restricted Air Flow Requirements
- ASTM E283 certified

Dimension
- Height: 7 3/8"
- Ceiling opening: 6 1/2"
- Housing: 9 1/2" x 13"

6"+ Aperture

AIR-TITE™

CW326-ICAT
NEW WORK
AIR-TITE™
IC HOUSING

Standard - Air-Tite™
Compact Fluorescent

RECESSED LIGHTING

BAFFLES

CW406

CW406	Black Baffle with White Trim	
CW406WB	White Baffle with White Trim	

Lamp: **CW318-ICAT** CW406/CW406WB: 18W DTT
CW326-ICAT CW406/CW406WB: 26W DTT

REFLECTORS

CW406C

CW406C	Clear Cone Reflector with White Trim	
CW406G	Gold Cone Reflector with White Trim	

Lamp: **CW318-ICAT** CW406C/CW406G: 18W DTT
CW326-ICAT CW406C/CW406G: 26W DTT

WALL WASH

W50

W50	Black Baffle Wall Wash with White Trim	
W50WB	White Baffle Wall Wash with White Trim	

Lamp: **CW318-ICAT** W50/W50W: 18W DTT
CW26-ICAT W50/W50W: 26W DTT

LENS AND DIFFUSERS

CWS701

CWS701	Albalite Lens with White Trim	

Lamp: **CW318-ICAT** CWS701: 18W DTT
CW26-ICAT CWS701: 26W DTT

6"+
Aperture

CW3ICAT
NEW WORK
AIR-TITE™
IC HOUSING

**Standard - Air-Tite™
Compact Fluorescent**

RECESSED LIGHTING

Standard Features
- Integral Fluorescent ballast for one 13W Double Twin Tube (DTT) Compact Fluorescent Lamp.
- Junction Box is listed for through branch circuit wiring and has seven 1/2" and four Romex knockouts with true pry out slots.
- 7 1/4" height allows use in 2" x 8" construction.
- Housing adjusts for ceilings up to 3/4" thick.
- Insulated ceiling housings are UL listed for direct contact with ceiling insulation.
- Lamp: (1) 13W DTT 2-Pin GX23-2 Base

Listings
- UL Damp Location
- UL Feed Through
- Meets New York ECCC and IECC
- Meets State of Washington Restricted Air Flow Requirements
- ASTM E283 certified

Dimension
- Height: 7 1/4"
- Ceiling opening: 6 1/2"
- Housing: 7 1/2" x 10 1/2"

BAFFLES		
CW406	CW406	Black Baffle with White Trim
	CW406WB	White Baffle with White Trim
	Lamp:	**CW406/CW406WB:** 13W DTT

REFLECTORS		
CW405	CW405	Clear Cone Reflector with White Trim
	CW405G	Gold Cone Reflector with White Trim
	Lamp:	**CW405/CW405G:** 13W DTT

LENS AND DIFFUSERS		
CWS701	CWS701	Albalite Lens with White Trim
	Lamp:	**CWS701:** 13W DTT

ATLITE®

DESCRIPTION

Standard Features
- P988ICAT - for use with up to 60W A19 lamps; P9111ICAT - for use with up to 75W A19 lamps.
- Integral thermal protector guards against improper lamping.
- Insulated ceiling housing UL listed for direct contact with insulation. Housing also limits air leakage from conditioned areas into open joist or plenum spaces.
- Junction box is listed for through branch circuit wiring. Includes knockouts.
- Unit includes captive bar hangers to span 24" joists and can be rotated 90°.

P988ICAT AIR-TITE™

P9111ICAT AIR-TITE™

DIMENSIONS

988-2WICAT

7 1/4"
(184mm)

8 1/2"
(216mm)

60W Square

9111-2WICAT
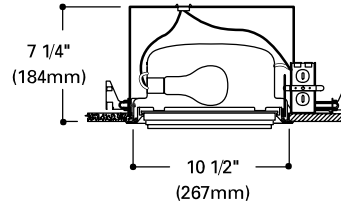
7 1/4"
(184mm)

10 1/2"
(267mm)

75W Square

P988ICAT
P9111ICAT
AIR-TITE™ SHALLOW IC HOUSING

Squares - Air-Tite™

RECESSED LIGHTING

Listings
- UL Damp Location
- UL Feed Through
- IP Rated
- Meets New York ECCC and IECC-2000
- Meets State of Washington Restricted Air Flow Requirements
- ASTM E283 certified

Dimensions
- 7 1/4" height allows use in 2" x 8" joist construction.
- Housing adjusts for ceilings up to 1" thick.
- Ceiling opening:
  P988ICAT - 8 1/2" x 8 1/2" nominal
  P9111ICAT - 10 1/2" x 10 1/2" nominal
- Housing: 13 1/4" x 14"

FLAT GLASS	
F28W	8 1/2" Square Frame and Flat Glass Diffuser, White. **For use with P998ICAT (60W).** **For complete unit order:** **988-2WICAT**

DROP GLASS	
F48W	8 1/2" Square Frame and Drop Glass Diffuser, White. **For use with P998ICAT (60W).** **For complete unit order:** **988-4WICAT**

FLAT GLASS	
F211W	10 1/2" Square Frame and Flat Glass Diffuser, White. **For use with P9111ICAT (75W).** **For complete unit order:** **9111-2WICAT**

DROP GLASS	
F411W	10 1/2" Square Frame and Drop Glass Diffuser, White. **For use with P9111ICAT (75W).** **For complete unit order:** **9111-4WICAT**

Miniature Low Voltage

Z1 / Z2
NEW WORK

Low Voltage Housing

RECESSED LIGHTING

DESCRIPTION

Miniature diameter Non-IC housing for low voltage accent lighting. Adjustable trims available with 30° to 40° tilt.

Housing Features
- Includes integral thermal protector to insure against improper use of insulation or improper lamp wattage.
- Junction box is listed for through branch circuit wiring. Includes knockouts.
- Unit includes captive bar hangers to span 24" joists and can be rotated 90º.
- Class H magnetic transfomer steps line voltage down to lamp operating voltage.
- **Z1:** 120 Volt, Magnetic Transformer, 50W Max.
- **Z2:** 120/277 Volt, Dual Tap Magnetic Transformer, 50W Max.

Installation Features
- 5 1/2" height allows use in 2 x 6 construction.
- Housing can be removed from plaster frame for junction box access.

Listings
- UL Damp Location
- UL Feed Through

Dimension
- Height: 5 1/2"
- Ceiling opening: 4 1/4"
- Housing: 5 1/4" x8"

ZR1
REMODEL
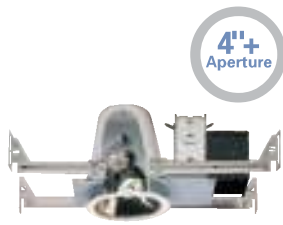
Low Voltage Housing

RECESSED LIGHTING

DESCRIPTION

Miniature diameter Non-IC Remodel housing for low voltage accent lighting. Adjustable trims available with 30° to 40° tilt.

Housing Features
- Includes integral thermal protector to insure against improper use of insulation or improper lamp wattage.
- Class H magnetic transformer steps line voltage down to lamp operating voltage.
- Junction box is listed for 90º supply wire. Includes knockouts.
- **ZR1:** 120 Volt, Magnetic Transformer, 50W Max.

Installation Features
- 5 1/2" height allows use in 2 x 6 construction.
- Unit slips through nominal 4 1/4" opening. (Per Template)
- One piece integral flange secures housing against ceiling.
- Four remodel clips secure housing and accommodate ceilings of various thickness.
- Adjustable support stud to relieve weight from junctionbox/transformer assembly.

Listings
- UL Damp Location
- UL Feed Through

Dimensions
- Height: 5 1/2"
- Ceiling opening per cut-out template: 4 1/4" nominal
- Housing: 4 5/8" Flange Diameter x 13 1/2"

ATLITE®   Miniature Low Voltage

Z1
Z2
ZR1
TRIMS

ADJUSTABLES

Z301W

Z301W	White Elbow Trim	
Description:	358° Rotation, 90° Tilt	
Lamp:	20/42/50W 12V MR16	
OD:	4 3/4"	

Z152

Z152	Gloss White Slot Aperture Trim
Lamp:	20/42/50W 12V MR16
OD:	5 1/16"

Z145

Z145	Gloss White Eyeball with Gloss White Trim
Description:	30° Tilt
Lamp:	20/42/50W 12V MR16
OD:	5 1/16"

Z498SN

Z498SN	Eyeball - 30° Tilt Satin Nickel Trim, Black Coilex® Baffle
Z498	Eyeball - 30° Tilt Matte White Trim, Black Coilex® Baffle
Lamp:	20/42/50W 12V MR16
OD:	5 1/16"

Z45W

Z45W	White Eyeball with Black Baffle
Z45WB	White Eyeball with White Baffle
Z45C	Chrome Eyeball
Z45B	Polished Brass Eyeball
Description:	30° Tilt
Lamp:	20/42/50W 12V MR16
OD:	4 3/4"

Z496SN

Z496SN	Retractable Elbow - 50° Tilt Satin Nickel Trim
Z496	Retractable Elbow - 50° Tilt Matte White Trim
Lamp:	20/42/50W 12V MR16
OD:	5 1/16"

Z85W

Z85W	White Gimbal Ring with Black Baffle
Z85WB	White Gimbal Ring with White Baffle
Z85C	Chrome Gimbal Ring.
Z85B	Polished Brass Gimbal Ring
Description:	40° Tilt
Lamp:	20/42/50W 12V MR16
OD:	4 3/4"

Z420SN

Z420SN	Slot Aperture - 35° Tilt Satin Nickel Trim
Z420	Slot Aperture - 35° Tilt Matte White Trim
Lamp:	20/42/50W 12V MR16
OD:	5 1/16" (slot - 1 3/8" x 2 1/4")

Z495SN

Z495SN	Gimbal Adjustable - 30° Tilt, Satin Nickel
Z495	Gimbal Adjustable - 30° Tilt, Matte White
Lamp:	20/42/50W 12V MR16
OD:	5 1/16"

Z52

Z52	White Slot Aperture with Black Baffle
Description:	40° Tilt
Lamp:	20/42/50W 12V MR16
OD:	4 3/4" with 1 3/4" x 2 1/4" slot

OPEN

Z945

Z945	Metropolitan Ice Lite, Frosted Glass
Z945BL	Metropolitan Ice Lite, Blue Frosted Glass
Z945RS	Metropolitan Ice Lite, Rose Frosted Glass
Lamp:	20/42/50W 12V MR16
OD:	5 5/16"

Z946PB

Z946PB	Metropolitan Deco, Translucent Discs w/Polished Brass Ring
Z946BC	Metropolitan Deco, Translucent Discs w/Black Chrome Ring
Lamp:	20/42/50W 12V MR16
OD:	5 5/8"

4"+ Aperture

DESCRIPTION

Miniature diameter Non-IC-housing for low voltage accent and task lighting.

BAFFLES

Z233		
Z233	Black Coilex® Baffle with Matte White Trim	
Z233PB	Black Coilex® Baffle with Polished Brass Trim	
Z233WB	White Coilex® Baffle with Matte White Trim	
Description:	35° Tilt	
Lamp:	20/42/50W 12V MR16	
	75W 12V MR16 with Z1-75 only	
OD:	5"	

Z493SN		
Z493SN	Black Coilex® Baffle - Plastic, Satin Nickel Trim	
Lamp:	20/42/50W 12V MR16	
	75W 12V MR16 with Z1-75 only	
OD:	5 1/16"	

Z453SN		
Z453SN	Satin Nickel Coilex® Baffle - Metal, Satin Nickel Trim	
Lamp:		
OD:	5 1/16"	

REFLECTORS

Z235		
Z235	Clear Cone with Matte White Trim	
Z236	Gold Cone with Matte White Trim	
Description:	35° Tilt	
Lamp:	20/42/50W 12V MR16	
	75W 12V MR16 with Z1-75 only	
OD:	5"	

Z421SN		
Z421SN	Satin Nickel Reflector Cone - 35° Tilt, Satin Nickel Trim & Reflector	
Lamp:	20/42/50W 12V MR16	
	75W 12V MR16 with Z1-75 only	
OD:	5 1/16"	

ADJUSTABLES

Z498SN		
Z498SN	Eyeball - 30° Tilt Satin Nickel Trim, Black Coilex® Baffle	
Z498	Eyeball - 30° Tilt Matte White Trim, Black Coilex® Baffle	
Lamp:	20/42/50W 12V MR16	
	75W 12V MR16 with Z1-75 only	
OD:	5 1/16"	

Z420SN		
Z420SN	Slot Aperture - 35° Tilt Satin Nickel Trim	
Z420	Slot Aperture - 35° Tilt Matte White Trim	
Lamp:	20/42/50W 12V MR16	
	75W 12V MR16 with Z1-75 only	
OD:	5 1/16" (slot - 1 3/8″ x 2 1/4″)	

Z496SN		
Z496SN	Retractable Elbow - 50° Tilt Satin Nickel Trim	
Z496	Retractable Elbow - 50° Tilt Matte White Trim	
Lamp:	20/42/50W 12V MR16	
	75W 12V MR16 with Z1-75 only	
OD:	5 1/16"	

Z495SN		
Z495SN	Gimbal Adjustable - 30° Tilt Satin Nickel Trim	
Z495	Gimbal Adjustable - 30° Tilt Matte White Trim	
Lamp:	20/42/50W 12V MR16	
	75W 12V MR16 with Z1-75 only	
OD:	5 1/16"	

Z1-75
NEW WORK

Low Voltage Housing

RECESSED LIGHTING

Housing Features
- Includes integral thermal protector to insure against improper use of insulation or improper lamping.
- Dual tap 120/277V integral magnetic transformer steps line voltage down to lamp operating voltage.
- Junction box is listed for through branch circuit wiring. Includes knockouts.
- **Z1-75:** 120/277 Volt, Dual Tap Magnetic Transformer, 75W Max.

Installation Features
- 5 1/2" height allows use in 2" x 6" construction.
- Housing can be removed from plaster frame for junction box access.

Listings
- UL Damp Location
- UL Feed Through

Dimensions
- Height: 5 1/2"
- Ceiling opening: 4 1/4"
- Housing: 6" x 10 7/8"

Miniature Line Voltage

4"+ Aperture

L1
NEW WORK

Line Voltage Housing

RECESSED LIGHTING

DESCRIPTION

Miniature diameter Non-IC housing for line voltage accent lighting.

Housing Features
- Includes integral thermal protector to insure against improper use of insulation or improper lamp wattage.
- Junction box is listed for through branch circuit wiring. Includes knockouts.
- Unit includes captive bar hangers to span 24" joists and can be rotated 90º.
- Housing adjusts for ceilings up to 1" thick.

Installation Features
- 5 1/2" height allows use in 2 x 6 construction.
- Housing can be removed from plaster frame for junction box access.

Listings
- UL Damp Location
- UL Feed Through

Dimension
- Height: 5 1/2"
- Ceiling opening: 4 1/4"
- Housing: 5 1/4" x 8"

4"+ Aperture

LR1
REMODEL

Line Voltage Housing

RECESSED LIGHTING

DESCRIPTION

Miniature diameter Non-IC Remodel housing for line voltage accent lighting.

Housing Features
- Includes integral thermal protector to insure against improper use of insulation or improper lamp wattage.
- Junction box is listed for 90º supply wire. Includes knockouts.

Installation Features
- 5 1/2" height allows use in 2 x 6 construction.
- Unit slips through 4 1/4" nominal opening. (Per Template)

- One piece integral flange secures housing against ceiling.
- Four remodel clips secure housing and accommodate ceilings of various thickness.

Listings
- UL Damp Location
- UL Feed Through

Dimensions
- Height: 5 1/2"
- Ceiling opening per cut-out template: 4 1/4" nominal
- Housing: 4 5/8" Flange Diameter x 11 1/2"

4"+ Aperture

BAFFLES

L33
L33	Black Baffle with White Trim
L33WB	White Baffle with White Trim
Lamp:	50W PAR20/R20
OD:	5"

L133
L133	Black Baffle with White Trim
L133WB	White Baffle with White Trim
Lamp:	**L1 Housing/L133:** 45W R20 or 50W PAR20
	L1 Housing/L133WB: 40W A19 or 50W PAR20/R20
	LR1 Housing/L133: 40W A19 or 50W PAR20/R20
	LR1 Housing/L133WB: 40W A19 or 50W PAR20/R20
OD:	5"

L453SN
L453SN	Satin Nickel Coilex® Baffle - Metal, Satin Nickel Trim
Lamp:	
OD:	5 1/16"

L493SN
L493SN	Black Coilex® Baffle - Plastic, Satin Nickel Trim
L493	Black Coilex® Baffle - Plastic, Matte White Trim
Lamp:	40W R16, 50W R20, 50W PAR20
OD:	5 1/16"

REFLECTORS

L35
L35	Clear Cone with White Trim
L36	Gold Cone with White Trim
Lamp:	50W PAR20, 50W R20, 40W A19, 40W R16
OD:	5"

L499SN
L499SN	Satin Nickel Clear Reflector Cone, with Satin Nickel Trim
L499	Matte White Reflector Cone, with Matte White Trim
Lamp:	50W R20, 40W R16, 50W PAR20, 40W A19
OD:	5 1/16"

ADJUSTABLES

L45
L45	White Eyeball Trim
Lamp:	40W R16, 60W PAR16
OD:	5"

L498SN
L498SN	Eyeball - 30° Tilt, Satin Nickel Trim
L498	Eyeball - 30° Tilt, Matte White Trim
Lamp:	40W R16, 60W PAR16
OD:	5 1/16"

L496SN
L496SN	Eyeball - 15° Tilt, Satin Nickel Trim
L496	Eyeball - 15° Tilt, Matte White Trim
Lamp:	50W PAR20
OD:	5 1/16"

DIFFUSERS & WALL WASHERS

L451SNS
L451SNS	Shower Light, Satin Nickel Trim Ring
L451WS	Shower Light, Matte White Trim Ring
Lamp:	50W PAR20, 50W R20, 40W A19
OD:	5 1/16"

L492SN
L492SN	Wall Washer, Satin Nickel Trim & Black Coilex® Baffle
L492	Wall Washer, Matte White Trim & Black Coilex® Baffle
Lamp:	50W R20, 40W R16, 40W A19
OD:	5 1/16"

OPEN

L945
L945	Metropolitan Ice Lite, Frosted Glass
L945BL	Metropolitan Ice Lite, Blue Frosted Glass
L945RS	Metropolitan Ice Lite, Rose Frosted Glass
Lamp:	50W PAR20, 50W R20
OD:	5 5/16"

L490SN
L490SN	Pinhole, Satin Nickel Trim
L490	Pinhole, Matte White Trim
Lamp:	50W PAR20, 50W R20, 40W R16
OD:	5 1/16"

L946PB
L946PB	Metropolitan Deco, Translucent Discs w/Polished Brass Ring
L946BC	Metropolitan Deco, Translucent Discs w/Black Chrome Ring
Lamp:	50W PAR20, 50W R20
OD:	5 5/8"

6"+
Aperture

W1
NEW WORK

Standard
Non-IC

RECESSED LIGHTING

DESCRIPTION

Housing Features
- Non-IC New Work Housing
- Integral thermal protector provides a guard against misuse of insulation materials or improper lamping.
- Utilizes an adjustable socket bracket, allowing the use of different lamp types while insuring correct lamp positioning.
- Junction box is UL listed for through branch circuit wiring.
- 7 1/2" height enables use in 2 x 8 construction.
- New Work Housings adjust 1 3/8" vertically to accommodate various ceiling thicknesses, up to 2".
- Uses fully adjustable (14" to 27") mounting bars with integral T-Bar clips and wood joist nailing tabs.

Listings
- UL Damp Location
- UL Feed Through

Dimension
- Height: 7 1/2"
- Ceiling opening: 6 1/2"
- Housing: 7 1/2" x 10 1/2"

6"+
Aperture

WR1
REMODEL

Standard
Non-IC

RECESSED LIGHTING

DESCRIPTION

Housing Features
- Non-IC Remodel Housing
- Integral thermal protector provides a guard against misuse of insulation materials or improper lamping.
- Utilizes an adjustable socket bracket, allowing the use of different lamp types while insuring correct lamp positioning.
- 7 1/2" height enables use in 2 x 8 construction.
- Remodel Housing fits nominal 6 1/2" hole in any existing ceiling. (Per Template)
- One piece, complete flange secures housing against ceiling.
- Four Remodel Clips secure housing in various ceiling thicknesses.

Listings
- UL Damp Location
- UL Feed Through

Dimension
- Height: 7 1/2"
- Ceiling opening per cut-out template: 6 1/2" nominal
- Housing: 6 7/8" Flange Diameter x 13 1/4"

6"+ Aperture

**W1
WR1**
TRIMS

BAFFLES

W49

W49	Black Step Baffle with Black Cone finish
W49WB	White Step Baffle with White Cone finish
W48	Black Step Baffle with Black Cone finish
W48WB	White Step Baffle with White Cone finish

Lamp: **W49/W49WB:** 75W PAR30,
120W PAR 38, 150W R40

        W48/W48WB: 75W R30, PAR30

REFLECTORS

WS10

WS10	Specular Reflector with Clear Cone finish
WS11	Specular Reflector with Black Cone finish
WS12	Specular Reflector with Gold Cone finish
WS20	Specular Reflector with Clear Cone finish
WS21	Specular Reflector with Black Cone finish
WS22	Specular Reflector with Gold Cone finish

Lamp: **WS10/WS11/WS12:** 100W A19

        WS20/WS21/WS22: 150W A21

WS52

WS52	Specular Cone with Clear Cone finish
WS53	Specular Cone with Black Cone finish
WS54	Specular Cone with Gold Cone finish

Lamp: **WS52/WS53/WS54:**
75W R30, PAR30, 150W R40

WALL WASH

W50

W50	Wall Wash with Black Baffle
W50WB	Wall Wash with White Baffle
W45	Eyeball, Baffle with Black Cone finish
W45WB	Eyeball, Baffle with White Cone finish
W85	Regressed Eyeball with Black Cone finish
W85WB	Regressed Eyeball with White Cone finish
W76W	Eyeball, Open

Lamp: **W50/W50WB:** 60W A19

        W45/W45WB: 75W R30

        W85/W85WB/W76W: 75W R30, PAR30

OPEN

W68W

W68W	Open

Lamp: **W68W:** 150W R40

LENS

W71W

W71W	Fresnel, White
W72W	Alba, White
W74W	Drop Opal, White
WS71W	Fresnel, Shower, White
WS72W	Alba, Shower, White

Lamp: **W71W/W72W/W74W/WS71W/**
WS72W: 60W A19

Standard - IC (Insulated Ceiling)

DESCRIPTION

Housing Features
- IC New Work Housing
- Integral thermal protector provides a guard against misuse of insulation materials or improper lamping.
- Utilizes an adjustable socket bracket, allowing the use of different lamp types while insuring correct lamp positioning.
- Junction box is UL listed for through branch circuit wiring.
- 7 1/2" height enables use in 2 x 8 construction.
- Insulated ceiling housings are UL listed for direct contact with ceiling insulation.
- New Work Housings adjust 1 3/8" vertically to accommodate various ceiling thicknesses, up to 2".
- Uses fully adjustable (14" to 27") mounting bars with integral T-Bar clips and wood joist nailing tabs.

Listings
- UL Damp Location
- UL Feed Through

Dimension
- Height: 7 1/2"
- Ceiling opening: 6 1/2"
- Housing: 7 1/2" x 10 10 1/2"

WIC2
NEW WORK
IC HOUSING

Standard -
IC (Insulated Ceiling)

RECESSED LIGHTING

DESCRIPTION

Housing Features
- IC Remodel Housing
- Integral thermal protector provides a guard against misuse of insulation materials or improper lamping.
- Utilizes an adjustable socket bracket, allowing the use of different lamp types while insuring correct lamp positioning.
- 7 1/2" height enables use in 2 x 8 construction.
- Insulated ceiling housings are UL listed for direct contact with ceiling insulation.
- Remodel Housing fits nominal 6 1/2" hole in any existing ceiling. (Per Template)
- One piece, complete flange secures housing against ceiling.
- Four Remodel Clips secure housing in various ceiling thicknesses.

Listings
- UL Damp Location
- UL Feed Through

Dimension
- Height: 7 1/2"
- Ceiling opening per cut-out template: 6 1/2" nominal
- Housing: 6 7/8" Flange Diameter x 13 1/4"

WRIC2
REMODEL
IC HOUSING

Standard -
IC (Insulated Ceiling)

RECESSED LIGHTING

ATLITE®

6"+
Aperture

WIC2
WRIC2
TRIMS

BAFFLES

W48

W48	Black Step Baffle with Black Cone finish
W48WB	White Step Baffle with White Cone finish
Lamp:	**W48/W48B:** 75W R30

REFLECTORS

WS610

WS610	Specular Reflector with Clear Cone finish
WS611	Specular Reflector with Black Cone finish
WS612	Specular Reflector with Gold Cone finish
Lamp:	**WS610/WS611/WS612:** 60W A19

WS52

WS52	Specular Cone with Clear Cone finish
WS53	Specular Cone with Black Cone finish
WS54	Specular Cone with Gold Cone finish
Lamp:	**WS52/WS53/WS54:** 75W R30

ADJUSTABLES

W85

W85	Regressed Eyeball with Black Cone finish
W85WB	Regressed Eyeball with White Cone finish
W76W	Eyeball, Open
Lamp:	**W85/W85WB:** 75W R30, 50W PAR30
	W76W: 75W R30

LENS

WS672W

WS672W	Alba, Shower
Lamp:	**WS672W:** 40W A19

Standard Non-IC Compact Fluorescent

6"+
Aperture

W3
NEW WORK

Standard Non-IC -
Compact Fluorescent

RECESSED LIGHTING

Housing Features
- Non-IC New Work Housing
- Integral thermal protector provides a guard against misuse of insulation materials or improper lamping.
- Junction box is UL listed for through branch circuit wiring.
- 7 1/2" height enables use in 2 x 8 construction.
- Integral fluorescent ballast for one 13 watt Double Twin tube (DTT) lamp.
- Housing adjusts to accommodate various ceiling thicknesses, up to 2".
- Uses fully adjustable (14" to 27") mounting bars with integral T-Bar clips and wood joist nailing tabs.

Lamp
- (1) 13W DTT 2-Pin GX23-2 base

Listings
- UL Damp Location
- UL Feed Through

Dimension
- Height: 7 1/2"
- Ceiling opening: 6 1/2"
- Housing 7 1/2" x 10 1/2"

6"+
Aperture

DESCRIPTION

WR3
REMODEL

Standard Non-IC -
Compact Fluorescent

RECESSED LIGHTING

Housing Features
- Non-IC Remodel Housing
- Integral thermal protector provides a guard against misuse of insulation materials or improper lamping.
- 7 1/2" height enables use in 2 x 8 construction.
- Integral fluorescent ballast for one 13 watt Double Twin tube (DTT) lamp.
- Remodel Housing fits nominal 6 1/2" hole in any existing ceiling. (Per Template)
- One piece, complete flange secures housing against ceiling.
- Four Remodel Clips secure housing in various ceiling thicknesses.

Lamp
- (1) 13W DTT 2-Pin GX23-2 base

Listings
- UL Damp Location
- UL Feed Through

Dimension
- Height: 7 1/2"
- Ceiling opening per cut-out template: 6 1/2" nominal
- Housing: 6 7/8" Flange Diameter x 13 1/4"

6"+
Aperture

W3
WR3
TRIMS

BAFFLES

W49		
	W49	Black Step Baffle with Black Cone finish
	W49WB	White Step Baffle with White Cone finish
	W48	Black Step Baffle with Black Cone finish
	W48WB	White Step Baffle with White Cone finish

REFLECTORS

WS10			WS52		
	WS10	Specular Reflector with Clear Cone finish		**WS52**	Specular Cone with Clear Cone finish
	WS11	Specular Reflector with Black Cone finish		**WS53**	Specular Cone with Black Cone finish
	WS12	Specular Reflector with Gold Cone finish		**WS54**	Specular Cone with Gold Cone finish
	WS20	Specular Reflector with Clear Cone finish			
	WS21	Specular Reflector with Black Cone finish			
	WS22	Specular Reflector with Gold Cone finish			

WALL WASH

W50		
	W50	Wall Wash with Black Baffle
	W50WB	Wall Wash with White Baffle

OPEN

W68W		
	W68W	Open

LENS

W71W		
	W71W	Fresnel, White
	W72W	Alba, White
	W74W	Drop Opal, White
	WS71W	Fresnel, Shower, White
	WS72W	Alba, Shower, White

6'+
Aperture

W12
NEW WORK

Shallow Housing -
5 1/2″ Deep

RECESSED LIGHTING

DESCRIPTION

Housing Features
• Non-IC New Work Housing
• Integral thermal protector provides a guard against misuse of insulation materials or improper lamping.
• Utilizes an adjustable socket bracket, allowing the use of different lamp types while insuring correct lamp positioning.
• Junction box is UL listed for through branch circuit wiring.
• 5 1/2" height enables use in 2 x 6 construction.
• Housing adjusts to accommodate ceiling thicknesses, up to 2".
• Uses fully adjustable (14" to 27") mounting bars with integral T-Bar clips and wood joist nailing tabs.

Listings
• UL Damp Location
• UL Feed Through
Dimension
• Height: 5 1/2"
• Ceiling opening: 6 1/2"
• Housing: 7 1/2" x 10 1/2"

W12

5 1/2″ (140mm)

6 1/2″ (165mm)
Ceiling Opening

6'+
Aperture
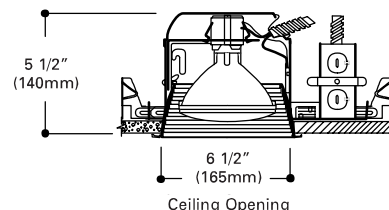
WR12
REMODEL

Shallow Housing -
5 1/2″ Deep

RECESSED LIGHTING

DESCRIPTION

Housing Features
• Non-IC Remodel Housing
• Integral thermal protector provides a guard against misuse of insulation materials or improper lamping.
• Utilizes an adjustable socket bracket, allowing the use of different lamp types while insuring correct lamp positioning.
• 5 1/2" height enables use in 2 x 6 construction.
• Remodel Housing fits nominal 6 1/2" hole in any existing ceiling. (Per Template)
• One piece, complete flange secures housing against ceiling.
• Four Remodel Clips secure housing in various ceiling thicknesses.

Listings
• UL Damp Location
• UL Feed Through
Dimension
• Height: 5 1/2"
• Ceiling opening per cut-out template: 6 1/2" nominal
• Housing: 6 7/8" Flange Diameter x 13 1/4"

WR12

5 1/2″ (140mm)

6 1/2″ (165mm)
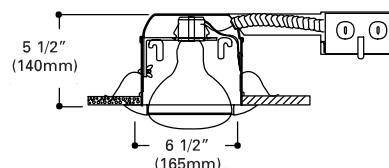
TRIMS

W74W		
	W48	Black Step Baffle with White Trim / 75W R30
	W48WB	White Step Baffle with White Trim / 75W R30
	W68W	Open / 75W R30
	W71W	Fresnel Lens/ 60W A19
	W72W	Flat Lens/ 60W A19
	W74W	Drop White Opal Lens/ 60W A19
	W76W	Eyeball / 75W R30

Finish: White (W)

All trims are 8" in diameter. Torsion spring trims.
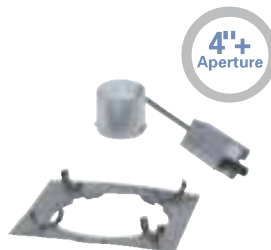
DESCRIPTION

Standard Features
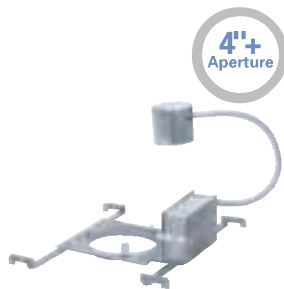- 50W R20, 50W PAR20, or 75W R20
- Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
- Flexible Ground wire supplied.
- Old work mounting clips are supplied with all standard frame in kits.

Optional Accessories
- Standard frame in kit may be ordered less plaster ring. Add less PR.
- Frame in kit is available suitable for damp locations. Add DL.
- All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
- To order adjustable mounting bars for standard frame in kits use Cat No. AB1.
- 18" and 27" rigid mounting bars are available for all units.

Dimensions
- Height: 5 1/2"
- Ceiling opening: 3 3/8"

3"+ Aperture

A2TP
STANDARD THERMALLY PROTECTED
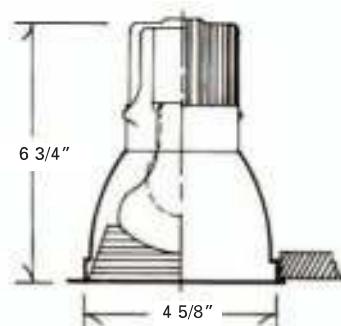
LiteAll™ - Alzak® Cones & Baffles

RECESSED LIGHTING

DESCRIPTION

Standard Features
- 50W R20, 50W PAR20, or 75W R20
- Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
- Prewired frame in kit is U.L. Listed for through circuit wiring.
- Prewired frame in kit is supplied with adjustable mounting bars.
- Flexible Ground wire supplied.
- Old work mounting clips are supplied with all standard frame in kits.

Optional Accessories
- Frame in kits are available suitable for damp locations. Add DL.
- All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
- 18" and 27" rigid mounting bars are available for all units.

Dimensions
- Height: 5 1/2"
- Ceiling opening: 3 3/8"

3"+ Aperture

A22TP
PREWIRED THERMALLY PROTECTED

LiteAll™ - Alzak® Cones & Baffles

RECESSED LIGHTING

BAFFLES

A133

A133	Black Baffle, White Reflector Trim Only
A133WB	White Baffle, White Reflector Trim Only
A133-21	Black Baffle, Aluminum Alzak® Trim
A133WB-21	White Baffle, Aluminum Alzak® Trim
A133-31	Black Baffle, Gold Alzak® Trim
A133WB-31	White Baffle, Gold Alzak® Trim
Lamp:	50W R20, 50W PAR20, or 75W R20

CONES

A135-12

A134	Satin Black Cone, White Reflector Trim Only
A135	Satin Aluminum Cone, White Reflector Trim Only
A136	Satin Gold Cone, White Reflector Trim Only
A134-21	Satin Black Cone, Aluminum Alzak® Trim
A134-31	Satin Black Cone, Gold Alzak® Trim
A135AW	All White
A135-12	Aluminum Alzak® Cone, White Trim
A135-21	Satin Aluminum Cone, Aluminum Alzak® Trim
A135-22	Aluminum Alzak® Cone, Aluminum Alzak® Trim
A135-31	Satin Aluminum cone, Gold Alzak® Trim
A135-32	Aluminum Alzak® Cone, Gold Alzak® Trim
A136-13	Gold Alzak® Cone, White Trim
A136-21	Satin Gold Cone, Aluminum Alzak® Trim
A136-23	Gold Alzak® cone, Aluminum Alzak® Trim
A136-31	Satin Gold Cone, Gold Alzak® Trim
A136-33	Gold Alzak® Cone, Gold Alzak® Trim
Lamp:	50W R20, 50W PAR20, or 75W R20

DIMENSIONS

5 1/2"

3 3/8"

ATLITE®

LiteAll™ - Alzak® Cones & Baffles
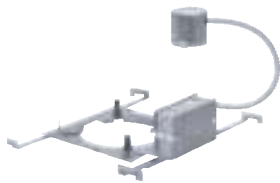
4"+ Aperture

DESCRIPTION

Standard Features
- 50W R20, 50W PAR20, or 75W R20
- Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
- Flexible Ground wire supplied.
- Old work mounting clips are supplied with all standard frame in kits.

Optional Accessories
- Standard frame in kit may be ordered less plaster ring. Add less PR.
- Frame in kit is available suitable for damp locations. Add DL.
- All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
- To order adjustable mounting bars for standard frame in kits use Cat No. AB1.
- 18" and 27" rigid mounting bars are available for all units.

Dimensions
- Height: 5 1/2"
- Ceiling opening: 3 3/8"

A1TP
STANDARD
THERMALLY
PROTECTED

LiteAll™ - Alzak® Cones & Baffles

RECESSED LIGHTING

4"+ Aperture

DESCRIPTION

Standard Features
- 50W R20, 50W PAR20, or 75W R20
- Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
- Prewired frame in kit is U.L. Listed for through circuit wiring.
- Prewired frame in kit is supplied with adjustable mounting bars.
- Flexible Ground wire supplied.
- Old work mounting clips are supplied with all standard frame in kits.

Optional Accessories
- Frame in kits are available suitable for damp locations. Add DL.
- All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
- 18" and 27" rigid mounting bars are available for all units.

Dimensions
- Height: 5 1/2"
- Ceiling opening: 3 3/8"

A12TP
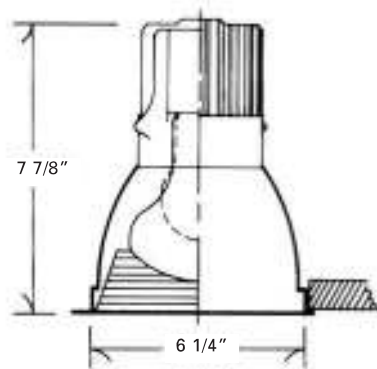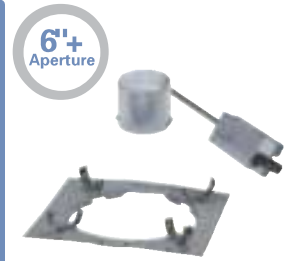PREWIRED
THERMALLY
PROTECTED

LiteAll™ - Alzak® Cones & Baffles

RECESSED LIGHTING

BAFFLES

A148		
	A148	Black Baffle, White Reflector Trim
	A148WB	White Baffle, White Reflector Trim
	A148-21	Black Baffle, Aluminum Alzak® Trim
	A148WB-21	White Baffle, Aluminum Alzak® Trim
	A148-31	Black Baffle, Gold Alzak® Trim
	A148WB-31	White Baffle, Gold Alzak® Trim
	Lamp:	75W R30, 65W BR30, or 75W PAR30L

CONES

A153-12		
	A152	Satin Black Cone, White Reflector Trim
	A153	Satin Aluminum Cone, White Reflector Trim
	A154	Satin Gold Cone, White Reflector Trim
	A152-21	Satin Black Cone, Aluminum Alzak® Trim
	A152-31	Satin Black Cone, Gold Alzak® Trim
	A153AW	All White
	A153-12	Aluminum Alzak® Cone, White Trim
	A153-21	Satin Aluminum Cone, Aluminum Alzak® Trim
	A153-22	Aluminum Alzak® Cone, Aluminum Alzak® Trim
	A153-31	Satin Aluminum Cone, Gold Alzak® Trim
	A153-32	Aluminum Alzak® Cone, Gold Alzak® Trim
	A154-13	Gold Alzak® Cone, White Trim
	A154-21	Satin Gold Cone, Aluminum Alzak® Trim
	A154-23	Gold Alzak® Cone, Aluminum Alzak® Trim
	A154-31	Satin Gold Cone, Gold Alzak® Trim
	A154-33	Gold Alzak® Cone, Gold Alzak® Trim
	Lamp:	75W R30, 65W BR30, or 75W PAR30L

DIMENSIONS

6 3/4"

4 5/8"

Alzak® is a registered trademark of ALCOA

BAFFLES

A149		
	A149	Black Baffle, White Reflector Trim Only
	A149WB	White Baffle, White Reflector Trim Only
	A149-21	Black Baffle, Aluminum Alzak® Trim
	A149WB-21	White Baffle, Aluminum Alzak® Trim
	A149-31	Black Baffle, Gold Alzak® Trim
	A149WB-31	White Baffle, Gold Alzak® Trim
	Lamp:	150W R40, 120W BR40 or 150W PAR38

CONES

A157-12		
	A156	Satin Black Cone, White Reflector Trim Only
	A157	Satin Aluminum Cone, White Reflector Trim Only
	A158	Satin Gold Cone, White Reflector Trim Only
	A156-21	Satin Black Cone, Aluminum Alzak® Trim
	A156-31	Satin Black Cone, Gold Alzak® Trim
	A157AW	All White
	A157-12	Aluminum Alzak® Cone, White Trim
	A157-21	Satin Aluminum Cone, Aluminum Alzak® Trim
	A157-22	Aluminum Alzak® Cone, Aluminum Alzak® Trim
	A157-31	Satin Aluminum cone, Gold Alzak® Trim
	A157-32	Aluminum Alzak® Cone, Gold Alzak® Trim
	A158-13	Gold Alzak® Cone, White Trim
	A158-21	Satin Gold Cone, Aluminum Alzak® Trim
	A158-23	Gold Alzak® cone, Aluminum Alzak® Trim
	A158-31	Satin Gold Cone, Gold Alzak® Trim
	A158-33	Gold Alzak® Cone, Gold Alzak® Trim
	Lamp:	150W R40, 120W BR40 or 150W PAR38

DIMENSIONS

7 7/8″

6 1/4″

6"+ Aperture

A3TP
STANDARD THERMALLY PROTECTED

LiteAll™ - Alzak® Cones & Baffles

RECESSED LIGHTING

Standard Features
- 150W R40, 120W BR40 or 150W PAR38
- Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
- Flexible Ground wire supplied.
- Old work mounting clips are supplied with all standard frame in kits. A3TP and A32TP frame in kits are supplied with a removable section for use with existing ceilings.

Optional Accessories
- Standard frame in kits may be ordered less plaster ring. Add less PR.
- Frame in kits are available suitable for damp locations. Add DL.
- All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
- To order adjustable mounting bars for standard frame in kits use Cat No. AB1.
- 18" and 27" rigid mounting bars are available for all units.

Dimensions
- Height: 7 7/8"
- Ceiling opening: 6 1/4"

6"+
Aperture

A32TP
PREWIRED
THERMALLY
PROTECTED

**LiteAll™ - Alzak®
Cones & Baffles**
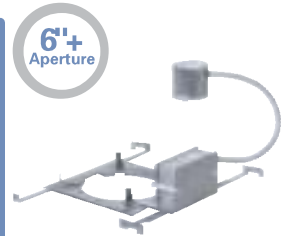
RECESSED LIGHTING

Standard Features
- 150W R40, 120W BR40 or 150W PAR38
- Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
- Prewired frame in kits are U.L. listed for through circuit wiring.
- Prewired frame in kits are supplied with adjustable mounting bars.
- Flexible Ground wire supplied.
- Old work mounting clips are supplied with all standard frame in kits.

Optional Accessories
- Frame in kits are available suitable for damp locations. Add DL.
- All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
- 18" and 27" rigid mounting bars are available for all units.

Dimensions
- Height: 7 7/8"
- Ceiling opening: 6 1/4"

BAFFLES		
A149	**A149**	Black Baffle, White Reflector Trim Only
	A149WB	White Baffle, White Reflector Trim Only
	A149-21	Black Baffle, Aluminum Alzak® Trim
	A149WB-21	White Baffle, Aluminum Alzak® Trim
	A149-31	Black Baffle, Gold Alzak® Trim
	A149WB-31	White Baffle, Gold Alzak® Trim
	Lamp:	150 R40, 120W BR40 or 150W PAR38

CONES		
A157-12	**A156**	Satin Black Cone, White Reflector Trim Only
	A157	Satin Aluminum Cone, White Reflector Trim Only
	A158	Satin Gold Cone, White Reflector Trim Only
	A156-21	Satin Black Cone, Aluminum Alzak® Trim
	A156-31	Satin Black Cone, Gold Alzak® Trim
	A157AW	All White
	A157-12	Aluminum Alzak® Cone, White Trim
	A157-21	Satin Aluminum Cone, Aluminum Alzak® Trim
	A157-22	Aluminum Alzak® Cone, Aluminum Alzak® Trim
	A157-31	Satin Aluminum cone, Gold Alzak® Trim
	A157-32	Aluminum Alzak® Cone, Gold Alzak® Trim
	A158-13	Gold Alzak® Cone, White Trim
	A158-21	Satin Gold Cone, Aluminum Alzak® Trim
	A158-23	Gold Alzak® cone, Aluminum Alzak® Trim
	A158-31	Satin Gold Cone, Gold Alzak® Trim
	A158-33	Gold Alzak® Cone, Gold Alzak® Trim
	Lamp:	150W R40, 120W BR40 or 150W PAR38

DIMENSIONS

7 7/8"

6 1/4"

Alzak® is a registered trademark of ALCOA

DESCRIPTION

Standard Features
- 75W R30, 65W BR30 or 75W PAR30L
- Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
- Flexible Ground wire supplied.
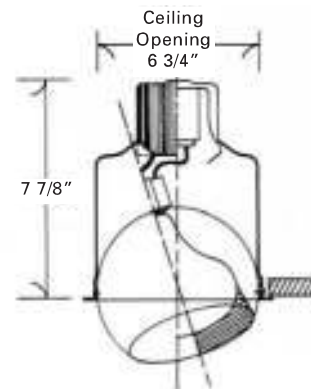- A5TP and A32TP frame in kits are supplied with a removable section for use with existing ceilings.
- Old work mounting clips are supplied with A5TP frame in kits.

Optional Accessories
- A5TP frame in kits may be ordered less plaster ring. Add less PR.
- Frame in kits are available suitable for damp locations. Add DL.
- All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
- 18" and 27" rigid mounting bars are available for all units.

Dimensions
- Height: 7 15/16"
- Ceiling opening: 6 3/4"

6'+ Aperture

A5TP
SIDE MOUNT
THERMALLY
PROTECTED

LiteAll™ - Regressed
Eyeball

RECESSED LIGHTING

DESCRIPTION

Standard Features
- 75W R30, 65W BR30 or 75W PAR30L
- Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
- Prewired frame in kits are U.L. listed for through circuit wiring.
- Flexible Ground wire supplied.
- Prewired frame in kits are supplied with adjustable mounting bars. A5TP and A32TP frame in kits are supplied with a removable section for use with existing ceilings.
- Old work mounting clips are supplied with all standard frame in kits.

Optional Accessories
- Frame in kits are available suitable for damp locations. Add DL.
- All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
- 18" and 27" rigid mounting bars are available for all units.

Dimensions
- Height: 7 15/16"
- Ceiling opening: 6 3/4"

6'+ Aperture

A32TP
PREWIRED
THERMALLY
PROTECTED

LiteAll™ - Regressed
Eyeball

RECESSED LIGHTING

REGRESSED EYEBALL IN BAFFLE

A845	White Ball	
	A845	Black Baffle, White Trim
	A845WB	White Baffle, White Trim
	Lamp:	75R30, 65W BR30 or 75W PAR30L

REGRESSED EYEBALL IN CONE

A845-12	White Ball	
	A845-12	Aluminum Alzak® Cone, White Trim
	A845-13	Gold Alzak® Cone, White Trim
	A845-16	Satin Black Cone, White Trim
	A845-17	Satin Aluminum Cone, White Trim
	A845-18	Satin Gold Cone, White Trim
	Lamp:	75R30, 65W BR30 or 75W PAR30L

DIMENSIONS

7 15/16"

Ceiling
Opening
6 3/4"

ATLITE®
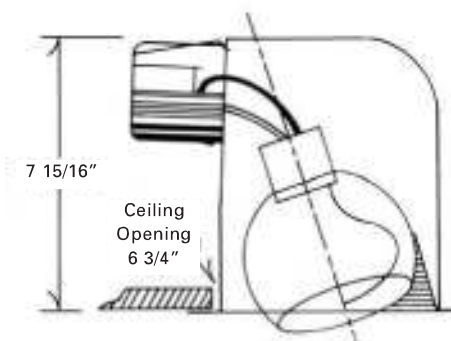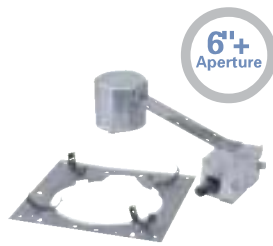
LiteAll™ - Eyeball

A3TP
STANDARD
THERMALLY
PROTECTED

LiteAll™ - Eyeball

RECESSED LIGHTING

DESCRIPTION

Standard Features
• 75W R30, 65W BR30 or 75W PAR30L
• Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
• Flexible Ground wire supplied.
• Old work mounting clips are supplied with all standard frame in kits.
• Finish - Matte White Trim
• A3TP and A32TP frame in kits are supplied with a removable section for use with existing ceilings.

Optional Accessories
• Standard frame in kits may be ordered less plaster ring. Add less PR.
• Frame in kits are available suitable for damp locations. Add DL.
• All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
• To order adjustable mounting bars for standard frame in kits use Cat No. AB1.
• 18" and 27" rigid mounting bars are available for all units.

Dimensions
• Height: 7 7/8"
• Ceiling opening: 6 3/4"

A32TP
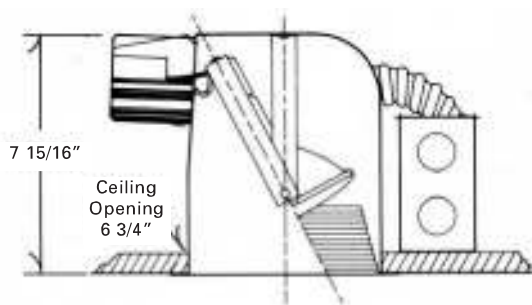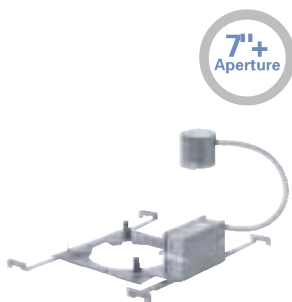PREWIRED
THERMALLY
PROTECTED

LiteAll™ - Regressed Eyeball

RECESSED LIGHTING

DESCRIPTION

Standard Features
• 75W R30, 65W BR30 or 75W PAR30L
• Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
• Prewired frame in kits are U.L. listed for through circuit wiring.
• Flexible Ground wire supplied.
• Prewired frame in kits are supplied with adjustable mounting bars.
• Finish - Matte White Trim
• A3TP and A32TP frame in kits are supplied with a removable section for use with existing ceilings.

Optional Accessories
• Frame in kits are available suitable for damp locations. Add DL.
• All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
• 18" and 27" rigid mounting bars are available for all units.

Dimensions
• Height: 7 7/8"
• Ceiling opening: 6 3/4"

EYEBALL WITH BAFFLE

A145	Eyeball - Baffle	
	A145	Black Baffle, White Trim
	A145WB	White Baffle, White Trim
	Lamp:	75R30, 65W BR30 or 75W PAR30L

EYEBALL WITH REFLECTOR CONE

A145-16	Eyeball - Reflector	
	A145-12	Aluminum Alzak® Cone, White Trim
	A145-13	Gold Alzak® Cone, White Trim
	A145-16	Satin Black Cone, White Trim
	A145-17	Satin Aluminum Cone, White Trim
	A145-18	Satin Gold Cone, White Trim
	Lamp:	75R30, 65W BR30 or 75W PAR30L

DIMENSIONS

Ceiling Opening 6 3/4"

7 7/8"

Alzak® is a registered trademark of ALCOA

DESCRIPTION

Installation Restrictions
Because of side entry these units may not be used with standard thermally protected frame in kits (A3TP).

Standard Features
- 75-150W PAR38, 120W BR40 or 150W R40
- Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
- Adjusts 358º horizontally and 30º vertically.
- May be used as downlight in sloped or cathedral ceilings.
- Flexible Ground wire supplied.
- Finish - Matte White trim.
- A5TP and A32TP frame in kits are supplied with a removable section for use with existing ceilings.
- Old work mounting clips are supplied with A5TP frame in kits.

Optional Accessories
- Side mount frame in kits may be ordered less plaster ring. Add less PR.
- Frame in kits are available suitable for damp locations. Add DL.
- All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
- 18" and 27" rigid mounting bars are available for all units.
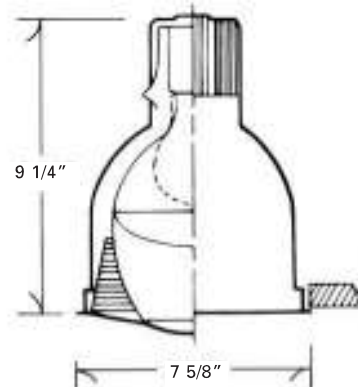
Dimensions
- Height: 7 15/16"
- Ceiling opening: 6 3/4"

6'+ Aperture

A5TP
SIDE MOUNT THERMALLY PROTECTED

LiteAll™ - Adjustable

RECESSED LIGHTING

DESCRIPTION

Installation Restrictions
Because of side entry these units may not be used with standard thermally protected frame in kits (A3TP).

Standard Features
- 75-150W PAR38, 120W BR40 or 150W R40
- Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
- Adjusts 358º horizontally and 30º vertically.
- May be used as downlight in sloped or cathedral ceilings.
- Prewired frame in kits are U.L. listed for through circuit wiring.
- Flexible Ground wire supplied.

- Prewired frame in kits are supplied with adjustable mounting bars. A5TP and A32TP frame in kits are supplied with a removable section for use with existing ceilings.
- Finish - Matte White trim.

Optional Accessories
- Frame in kits are available suitable for damp locations. Add DL.
- All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
- 18" and 27" rigid mounting bars are available for all units.

Dimensions
- Height: 7 15/16"
- Ceiling opening: 6 3/4"

6'+ Aperture

A32TP
PREWIRED THERMALLY PROTECTED

LiteAll™ - Adjustable

RECESSED LIGHTING

BAFFLES

A649	A649	Black Baffle, White Trim Adjustable
	A649WB	White Baffle, White Trim Adjustable
	Lamp:	75-150W PAR38, 120W BR40, or 150W R40

CONES

A658	A656	Satin Black Cone, White Trim Adjustable
	A657	Satin Aluminum Cone, White Trim Adjustable
	A658	Satin Gold Cone, White Trim Adjustable
	A657-12	Aluminum Alzak® Cone, White Trim Adjustable
	A658-13	Gold Alzak® Cone, White Trim Adjustable
	Lamp:	75-150W PAR38, 120W BR40, or 150W R40

DIMENSIONS

7 15/16"
Ceiling Opening 6 3/4"

LiteAll™ - Wall Washer

DESCRIPTION

7"+
Aperture

A3TP
STANDARD
THERMALLY
PROTECTED

LiteAll™
Wall Wash

RECESSED LIGHTING

Standard Features
• 150W A21, 120W BR40 or 150W R40
• Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
• Flexible Ground wire supplied.
• Finish - Matte White trim. Anodized aluminum reflector.
• A3TP and A32TP frame in kits are supplied with a removable section for use with existing ceilings.
• Old work mounting clips are supplied with all standard frame in kits.

Optional Accessories
• Standard frame in kits may be ordered less plaster ring. Add less PR.
• Frame in kits are available suitable for damp locations. Add DL.
• All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
• To order adjustable mounting bars for standard frame in kits use Cat. No. AB1.
• 18" and 27" rigid mounting bars are available for all units.

Dimensions
• Height: 9 1/4"
• Ceiling opening: 7 5/8"

7"+
Aperture

A32TP
PREWIRED
THERMALLY
PROTECTED

LiteAll™
Wall Wash

RECESSED LIGHTING

DESCRIPTION

Standard Features
• 150W A21, 120W BR40, 150W R40
• Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
• Prewired frame in kits are U.L. listed for through circuit wiring.
• Flexible Ground wire supplied.
• Prewired frame in kits are supplied with adjustable mounting bars.
• Finish - Matte White Trim
• Anodized aluminum reflector
• A3TP and A32TP frame in kits are supplied with a removable section for use with existing ceilings.

Optional Accessories
• Frame in kits are available suitable for damp locations. Add DL.
• All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
• 18" and 27" rigid mounting bars are available for all units.

Dimensions
• Height: 9 1/4"
• Ceiling opening: 7 5/8"

WALL WASH		
A150	**A150**	Black Baffle, White Trim
	A150WB	White Baffle, White Trim
	A150-12	Aluminum Alzak® Cone, White Trim
	A150-13	Gold Alzak® Cone, White Trim
	Lamp:	150W A21, 120W BR40 or 150W R40

DIMENSIONS

9 1/4"

7 5/8"

Alzak® is a registered trademark of ALCOA

LiteAll™ - Regressed Fresnel Lens & Regressed Flat Glass

DESCRIPTION

Standard Features
- 100W A19
- Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
- Flexible Ground wire supplied.
- Finish - Matte White trim. Anodized aluminum reflector.
- A3TP and A32TP frame in kits are supplied with a removable section for use with existing ceilings.
- Old work mounting clips are supplied with all standard frame in kits.

Optional Accessories
- Standard frame in kits may be ordered less plaster ring. Add less PR.
- Frame in kits are available suitable for damp locations. Add DL.
- All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
- To order adjustable mounting bars for standard frame in kits use Cat. No. AB1.
- 18" and 27" rigid mounting bars are available for all units.

Dimensions
- Height: 7 3/8"
- Ceiling opening: 6 3/4"

6"+
Aperture

A3TP
STANDARD THERMALLY PROTECTED

LiteAll™ - Regressed
Fresnel Lens &
Regressed Flat Glass

RECESSED LIGHTING

DESCRIPTION

Standard Features
- 100W A19
- Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
- Prewired frame in kits are U.L. listed for through circuit wiring.
- Flexible Ground wire supplied.
- Prewired frame in kits are supplied with adjustable mounting bars.
- Finish - Matte White trim. Anodized aluminum reflector.
- A3TP and A32TP frame in kits are supplied with a removable section for use with existing ceilings.

Optional Accessories
- Standard frame in kits may be ordered less plaster ring. Add less PR.
- Frame in kits are available suitable for damp locations. Add DL.
- All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
- 18" and 27" rigid mounting bars are available for all units.

Dimensions
- Height: 7 3/8"
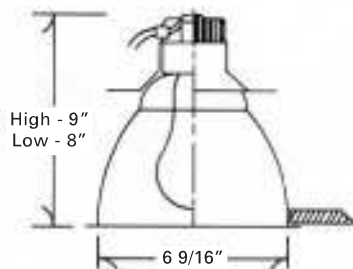- Ceiling opening: 6 3/4"

6"+
Aperture

A32TP
PREWIRED THERMALLY PROTECTED

LiteAll™ - Regressed
Fresnel Lens &
Regressed Flat Glass

RECESSED LIGHTING

FLAT GLASS			
A142	**A142**	Flat Glass Trim	
	Lamp:	100W A19	

FRESNEL LENS			
A143	**A143**	Fresnel Trim	
	Lamp:	100W A19	

DIMENSIONS

REGRESSED FLAT GLASS

Ceiling Opening 6 3/4"

7 3/8"

REGRESSED FRESNEL LENS

Ceiling Opening 6 3/4"

7 3/8"
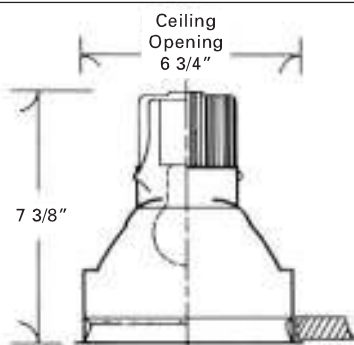
LiteAll™ - Alzak® Reflectors
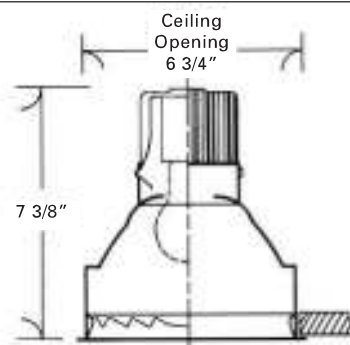
DESCRIPTION

A3TP
STANDARD
THERMALLY
PROTECTED

**LiteAll™ -
Alzak® Reflectors**

RECESSED LIGHTING

Installation Restrictions
• These units may be installed only in new construction or where access above the ceiling is available. They may not be used with old work retaining clips or split mounting rings.
• The mounting rings must be rigidly secured to the ceiling.

Standard Features
• Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
• Flexible Ground wire supplied.
• Finish - Matte White trim. Alzak® Reflector.

Optional Accessories
• Frame in kits are available suitable for damp locations. Add DL.
• All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
• To order adjustable mounting bars for standard frame in kits use Cat. No. AB1.
• 18" and 27" rigid mounting bars are available for all units.

Dimensions (See Dimensional Drawings)
• Height: High - 9"; Low - 8" or
          High - 11 1/2"; Low - 10 3/4"
• Ceiling opening: 6 9/16"

DESCRIPTION

A32TP
PREWIRED
THERMALLY
PROTECTED

**LiteAll™ -
Alzak® Reflectors**

RECESSED LIGHTING

Installation Restrictions
• These units may be installed only in new construction or where access above the ceiling is available. They may not be used with old work retaining clips or split mounting rings.
• The mounting rings must be rigidly secured to the ceiling.

Standard Features
• Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
• Prewired frame in kits are U.L. listed for through circuit wiring.
• Flexible Ground wire supplied.
• Prewired frame in kits are supplied with adjustable mounting bars.
• Finish - Matte White trim. Alzak® Reflector.

Optional Accessories
• Frame in kits are available suitable for damp locations. Add DL.
• All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
• 18" and 27" rigid mounting bars are available for all units.

Dimensions (See Dimensional Drawings)
• Height: High - 9"; Low - 8" or
          High - 11 1/2"; Low - 10 3/4"
• Ceiling opening: 6 9/16"

TRIMS

A110	A110	Specular Clear, 100W A19 or 150W A21 (General Service)
	A120	Specular Clear, 75W R30, 65W BR30,75W PAR30L, 150W R40, 150W BR40 or 100W PAR38

DIMENSIONS

**100W A19, 150W A21
(GENERAL SERVICE) LAMPS**

High - 9"
Low - 8"

6 9/16"

**R30, BR30, PARL30L, R40, BR40,
PAR38 LAMPS**
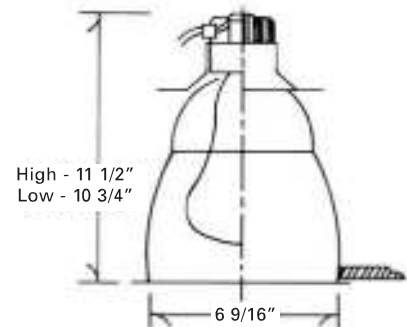
High - 11 1/2"
Low - 10 3/4"

6 9/16"

Alzak® is a registered trademark of ALCOA

DESCRIPTION

Standard Features
- 75W A19
- These units are UL listed for damp location and are supplied with a virtually unbreakable Polycarbonate diffuser and gasketed trim. There are no exposed metal parts. These units offer protection against shock and corrosion. They may be used over showers, and baths.
- These units must be ordered with frame in kits.
- Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
- Gasketed diffuser twists for easy relamping.
- May be used outdoors.
- Flexible Ground wire supplied.
- Old work mounting clips are supplied with all standard frame in kits.
- Finish - Matte White trim.
- A3TPDL and A32TPDL frame in kits are supplied with a removable section for use with existing ceilings.

Optional Accessories
- Standard frame in kits may be ordered less plaster ring. Add less PR.
- All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
- To order adjustable mounting bars for standard frame in kits use Cat. No. AB1.
- 18" and 27" rigid mounting bars are available for all units.

Dimensions
- Height: 7 7/8"
- Ceiling opening: 6 3/4"

6"+ Aperture

A3TPDL
STANDARD
THERMALLY
PROTECTED

LiteAll™ -Shower Lite

RECESSED LIGHTING

DESCRIPTION

Standard Features
- 75W A19
- These units are UL listed for damp location and are supplied with a virtually unbreakable Polycarbonate diffuser and gasketed trim. There are no exposed metal parts. These units offer protection against shock and corrosion. They may be used over showers, and baths.
- These units must be ordered with frame in kits.
- Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
- Gasketed diffuser twists for easy relamping.
- May be used outdoors.
- Prewired frame in kits are U.L. listed for through circuit wiring.
- Flexible Ground wire supplied.
- Prewired frame in kits are supplied with adjustable mounting bars.
- Finish - Matte White trim.
- A3TPDL and A32TPDL frame in kits are supplied with a removable section for use with existing ceilings.

Optional Accessories
- All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
- 18" and 27" rigid mounting bars are available for all units.

Dimensions
- Height: 7 7/8"
- Ceiling opening: 6 3/4"

6"+ Aperture
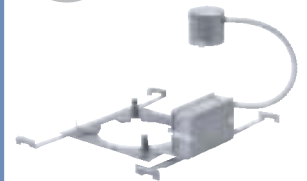
A32TPDL
PREWIRED
THERMALLY
PROTECTED

LiteAll™ -Shower Lite

RECESSED LIGHTING

TRIMS		
A207	**A207**	White Shower Light, Trim and Diffuser (Polycarbonate)
	Lamp:	75W A19

DIMENSIONS

6 3/4"

7 7/8"

7"+ Aperture
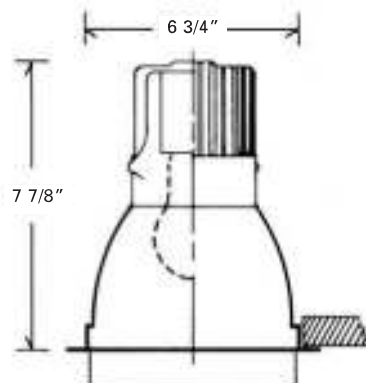
CH213
CH213HP
CH228HP
CH228HP277
13W & 28W
NON-IC HOUSING

Commercial Downlighting - Compact Fluorescent

RECESSED LIGHTING

Standard Features
- Integral Fluorescent ballast for two 13W Twin Tube or 28W Double Twin Tube Compact Fluorescent lamps.
- Junction Box is listed for through branch circuit wiring and has five 1/2" and two 3/4" knockouts.
- Two-piece slide apart bar hangers span 24" joists and can be repositioned 90°.
- 5 5/16" height allows use in 2" x 6" construction.
- Trim support adjusts 3/4" to accommodate various ceiling thicknesses.
- Units are UL listed for damp location and for Feed Through.

Dimensions
- Height: 5 5/16"
- Ceiling Opening: 7 3/8"

DESCRIPTION

Ordering Information
CH213
(2) 13W Twin Tube Compact Fluorescent Lamps
- CH213: 120V Normal Power Factor Ballast(s)
- CH213HP: 120V High Power Factor Ballast(s)
- Lamp Base:
  13W TT-GX23

CH228
(2) 28W Double Twin Tube Compact Fluorescent Lamps
- CH228HP: 120V High Power Factor Ballast(s)
- CH228HP277: 277V High Power Factor Ballast(s)
- Lamp Base:
  28W DTT-GX32d-3

TT = Twin Tube Compact Fluorescent
DTT = Double Twin Tube (Quad) Compact Fluorescent

DIMENSIONS

CH213/228

5 5/16"
(135 mm)

7 3/8"
(187 mm)

REFLECTORS		
CH810C	CH810C	Specular Reflector, Clear
	CH810G	Specular Reflector, Gold

CROSS BLADES		
CH804	CH804	Cross-Blade, Clear Anodized
	CH804W	Cross-Blade, White

WALL WASHERS		
CH810WW	CH810WW	Wall Washer, White

BAFFLES		
CH810BA	CH810BA	Black Baffle
	CH810WB	White Baffle

LENS AND DIFFUSERS		
CH803W	CH800W	Albalite Lens (Wet Location Listed)
	CH801W	Drop Opal Lens (Wet Location Listed)
	CH803W	Fresnel Lens (Wet Location Listed)

Commercial Downlighting - Non-IC Compact Fluorescent

ATLITE®

DESCRIPTION

Ordering Information
CH218
(2) 18W Double Twin Tube Two-Pin Compact Fluorescent
Lamps (Four-Pin Electronic)
• CH218HP: 120V High Power Factor Ballast(s)
• CH218HP277: 277V High Power Factor Ballast(s)
• CH218E: 120-277V Electronic Ballast
• Lamp Bases:
  18W DTT - G24d-2
  18W DTT - G24q-2 (4-Pin, Electronic Ballast)

CH226
(2) 26W Double Twin Tube Two-Pin Compact Fluorescent
Lamps (Four-Pin Electronic)
• CH226HP: 120V High Power Factor Ballast(s)
• CH226HP277: 277V High Power Factor Ballast(s)
• CH226E: 120-277V Electronic Ballast
• Lamp Bases:
  26W DTT - G24d-3
  26W DTT - G24q-3 (4-Pin, Electronic Ballast)

DTT = Double Twin Tube (Quad) Compact Fluorescent

DIMENSIONS

CH218/226

5 5/16″
(135 mm)

7 3/8″
(187 mm)

REFLECTORS		
CH810C	CH810C	Specular Reflector, Clear
	CH810G	Specular Reflector, Gold

CROSS BLADES		
CH804	CH804	Cross-Blade, Clear Anodized
	CH804W	Cross-Blade, White

WALL WASHERS		
CH810WW	CH810WW	Wall Washer, White

BAFFLES		
CH810BA	CH810BA	Black Baffle
	CH810WB	White Baffle

LENS AND DIFFUSERS		
CH803W	CH800W	Albalite Lens (Wet Location Listed)
	CH801W	Drop Opal Lens (Wet Location Listed)
	CH803W	Fresnel Lens (Wet Location Listed)

7"+ Aperture

CH218HP
CH218HP277
CH218E
CH226HP
CH226HP277
CH226E
18W & 26W
NON-IC HOUSING

**Commercial
Downlighting -
Compact Fluorescent**

RECESSED LIGHTING

Standard Features
• Integral Fluorescent ballast for two 18W or 26W Double Twin Tube Compact Fluorescent lamps.
• Junction Box is listed for through branch circuit wiring and has five 1/2" and two 3/4" knockouts.
• Two-piece slide apart bar hangers span 24" joists and can be repositioned 90°.
• 5 5/16" height allows use in 2" x 6" construction.
• Trim support adjusts 3/4" to accommodate various ceiling thicknesses.
• Units are UL listed for damp location and for Feed Through.

Dimensions
• Height: 5 5/16"
• Ceiling Opening: 7 3/8"

Commercial - Non-IC Low Profile Downlight

DESCRIPTION

6"+
Aperture

**CS-NEW WORK
CR-OLD WORK**
NON-IC HOUSING

Commercial -
Low Profile Downlight

RECESSED LIGHTING

Standard Features
• Thermally protected units meet all current U.L. and N.E.C. code requirements.
• Units are UL listed for damp location.
• Prewired units are UL listed for thru-circuit wiring.
• Flexible ground wire is supplied.
• For ceilings up to 1" thick

Optional Accessories
• Mounting clips and 27" bars.

Dimensions
• Height: 3 7/8"
• Ceiling Opening: 6 3/4"

Trim Finishes
White Cross Blade - CT-340
Black Cross Blade - CT-341
Black Baffle - CT-490
White Baffle - CT-491
Specular Clear Alzak® - CT-570
Specular Gold Alzak® - CT-580
Satin Anodized Aluminum - CT-170
Satin Anodized Gold - CT-180

Ordering Information

New Work

Ordering Number	Lamp	Ballast
CS-213-NM-*	(2) 13W DTT 2-Pin GX23-2 base	Normal Power Factor Magnetic
CS-218-HP-*	(2) 18W DTT 2-Pin G24d2 base	High Power Factor Magnetic
CS-218-EL-*	(2) 18W DTT 4-Pin G24q2 base	High Power Factor Electronic
CS-226-HP-*	(2) 26W DTT 2-Pin G24d3 base	High Power Factor Magnetic
CS-226-EL-*	(2) 26W DTT 4-Pin G24q3 base	High Power Factor Electronic

Old Work

Ordering Number	Lamp	Ballast
CR-213-NM-*	(2) 13W DTT 2-Pin GX23-2 base	Normal Power Factor Magnetic
CR-218-HP-*	(2) 18W DTT 2-Pin G24d2 base	High Power Factor Magnetic
CR-218-EL-*	(2) 18W DTT 4-Pin G24q2 base	High Power Factor Electronic
CR-226-HP-*	(2) 26W DTT 2-Pin G24d3 base	High Power Factor Magnetic
CR-226-EL-*	(2) 26W DTT 4-Pin G24q3 base	High Power Factor Electronic

* Leave blank for 120V - Add 277 to order number for 277V

DTT = Double Twin Tube (Quad) Compact Fluorescent

DIMENSIONS

3 7/8"
(98 mm)

6 3/16" (157 mm)
6 3/4" (171 mm)
7 1/2" (191 mm)
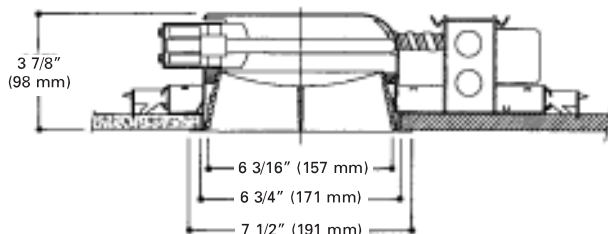
CONE INSERTS		
CT-340	CT-340	White Cross Blade
	CT-341	Black Cross Blade
	CT-490	Black Baffle
	CT-491	White Baffle

CONES		
CT-570	CT-570	Specular Clear Alzak®
	CT-580	Specular Gold Alzak®
	CT-170	Satin Anodized Aluminum
	CT-180	Satin Anodized Gold

Alzak® is a registered trademark of ALCOA

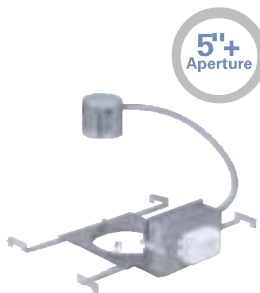# LiteAll™ - Double Twin Tube (Quad) Compact Fluorescent

ATLITE®

DESCRIPTION

Standard Features
- Frame in kits meet all current U.L. and N.E.C. code requirements.
- Long life economical compact fluorescent lamps.
- 9 watt lamps produce 575 lumens per watt.
- Low energy costs - outperforms incandescent lamps.
- Quick installation - ground wire included.
- Normal power factor ballast supplied with frame in kits.
- Old work mounting clips are supplied with all standard frame in kits.
- Ceiling Opening: 4 5/8"

Optional Accessories
- Standard frame in kits may be ordered less plaster ring. Add less PR.
- Frame in kits are available suitable for damp locations. Add DL.
- All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
- To order adjustable mounting bars for standard frame in kits use Cat. No. AB1.
- 18" and 27" rigid mounting bars are available for all units.
- 277 volt ballast available.

A6
STANDARD
9 WATT

LiteAll™ -
Double Twin Tube (Quad)
Fluorescent

RECESSED LIGHTING

DESCRIPTION

Standard Features
- Frame in kits meet all current U.L. and N.E.C. code requirements.
- Long life economical compact fluorescent lamps.
- 9 watt lamps produce 575 lumens per watt.
- Low energy costs - outperforms incandescent lamps.
- Quick installation - ground wire included.
- Normal power factor ballast supplied with frame in kits.
- Prewired frame in kits are U.L. listed for through circuit wiring.
- Prewired frame in kits are supplied with adjustable mounting bars.
- Ceiling Opening: 4 5/8"

Optional Accessories
- Frame in kits are available suitable for damp locations. Add DL.
- All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
- 18" and 27" rigid mounting bars are available for all units.
- High power factor ballasts are available on prewired frame in kits only. Add P.F.
- 277 volt ballast available.

A62
PREWIRED
9 WATT

LiteAll™ -
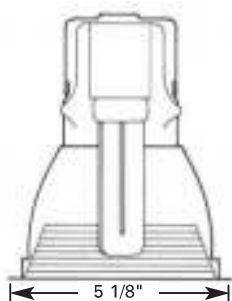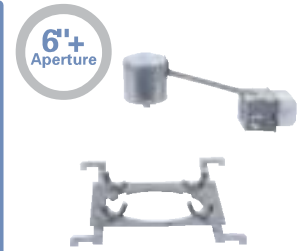Double Twin Tube (Quad)
Fluorescent

RECESSED LIGHTING

TRIMS

A148

9 Watt Double Twin Tube (Quad) Fluorescent

For use with the following trims:

Cat. No.	Description
A148	Black Baffle, White Reflector Trim
A148WB	White Baffle, White Reflector Trim
A148-21	Black Baffle, Aluminum Alzak® Trim
A148WB-21	White Baffle, Aluminum Alzak® Trim
A148-31	Black Baffle, Gold Alzak® Trim
A148WB-31	White Baffle, Gold Alzak® Trim
A152	Satin Black Cone, White Reflector Trim
A153	Satin Aluminum Cone, White Reflector Trim
A154	Satin Gold Cone, White Reflector Trim
A152-21	Satin Black Cone, Aluminum Alzak® Trim
A152-31	Satin Black Cone, Gold Alzak® Trim
A153AW	All White
A153-12	Aluminum Alzak® Cone, White Trim
A153-21	Satin Aluminum Cone, Aluminum Alzak® Trim
A153-22	Aluminum Alzak® Cone, Aluminum Alzak® Trim
A153-31	Satin Aluminum cone, Gold Alzak® Trim
A153-32	Aluminum Alzak® Cone, Gold Alzak® Trim
A154-13	Gold Alzak® Cone, White Trim
A154-21	Satin Gold Cone, Aluminum Alzak® Trim
A154-23	Gold Alzak® cone, Aluminum Alzak® Trim
A154-31	Satin Gold Cone, Gold Alzak® Trim
A154-33	Gold Alzak® Cone, Gold Alzak® Trim

DIMENSIONS

5 1/8"

Alzak® is a registered trademark of ALCOA

LiteAll™ - Double Twin Tube (Quad) Compact Fluorescent

5'+Aperture

A7
STANDARD
13 WATT

LiteAll™ -
Double Twin Tube (Quad)
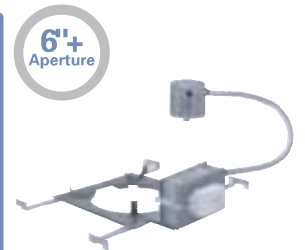Fluorescent

RECESSED LIGHTING

DESCRIPTION

Standard Features
• Frame in kits meet all current U.L. and N.E.C. code requirements.
• Long life economical compact fluorescent lamps.
• 13 watt lamps produce 860 lumens per watt.
• Low energy costs - outperforms incandescent lamps.
• Quick installation - ground wire included.
• Normal power factor ballast supplied with frame in kits.
• Old work mounting clips are supplied with all standard frame in kits.
• Ceiling Opening: 4 5/8"

Optional Accessories
• Standard frame in kits may be ordered less plaster ring. Add less PR.
• Frame in kits are available suitable for damp locations. Add DL.
• All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
• To order adjustable mounting bars for standard frame in kits use Cat. No. AB1.
• 18" and 27" rigid mounting bars are available for all units.
• 277 volt ballast available.

5'+Aperture

A72
PREWIRED
13 WATT

LiteAll™ -
Double Twin Tube (Quad)
Fluorescent

RECESSED LIGHTING

DESCRIPTION

Standard Features
• Frame in kits meet all current U.L. and N.E.C. code requirements.
• Long life economical compact fluorescent lamps.
• 13 watt lamps produce 860 lumens per watt.
• Low energy costs - outperforms incandescent lamps.
• Quick installation - ground wire included.
• Normal power factor ballast supplied with frame in kits.
• Prewired frame in kits are U.L. listed for through circuit wiring.
• Prewired frame in kits are supplied with adjustable mounting bars.
• Ceiling Opening: 4 5/8"

Optional Accessories
• Frame in kits are available suitable for damp locations. Add DL.
• All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
• 18" and 27" rigid mounting bars are available for all units.
• High power factor ballasts are available on prewired frame in kits only. Add PF.
• 277 volt ballast available.

TRIMS

A153-12   13 Watt Double Twin Tube (Quad) Fluorescent

For use with the following trims:

Cat. No.	Description
A148	Black Baffle, White Reflector Trim
A148WB	White Baffle, White Reflector Trim
A148-21	Black Baffle, Aluminum Alzak® Trim
A148WB-21	White Baffle, Aluminum Alzak® Trim
A148-31	Black Baffle, Gold Alzak® Trim
A148WB-31	White Baffle, Gold Alzak® Trim
A152	Satin Black Cone, White Reflector Trim
A153	Satin Aluminum Cone, White Reflector Trim
A154	Satin Gold Cone, White Reflector Trim
A152-21	Satin Black Cone, Aluminum Alzak® Trim
A152-31	Satin Black Cone, Gold Alzak® Trim
A153AW	All White
A153-12	Aluminum Alzak® Cone, White Trim
A153-21	Satin Aluminum Cone, Aluminum Alzak® Trim
A153-22	Aluminum Alzak® Cone, Aluminum Alzak® Trim
A153-31	Satin Aluminum cone, Gold Alzak® Trim
A153-32	Aluminum Alzak® Cone, Gold Alzak® Trim
A154-13	Gold Alzak® Cone, White Trim
A154-21	Satin Gold Cone, Aluminum Alzak® Trim
A154-23	Gold Alzak® cone, Aluminum Alzak® Trim
A154-31	Satin Gold Cone, Gold Alzak® Trim
A154-33	Gold Alzak® Cone, Gold Alzak® Trim

DIMENSIONS

5 1/8"

Alzak® is a registered trademark of ALCOA

DESCRIPTION

Standard Features
• Frame in kits meet all current U.L. and N.E.C. code requirements.
• Long life economical compact fluorescent lamps.
• 9 watt lamps produce 575 lumens per watt.
• Low energy costs - outperforms incandescent lamps.
• Quick installation - ground wire included.
• Normal power factor ballast supplied with frame in kits.
• Old work mounting clips are supplied with all standard frame in kits.
• All frame in kits are supplied with removable section for use with existing ceilings.
• Ceiling Opening: 6 9/16"

Optional Accessories
• Standard frame in kits may be ordered less plaster ring. Add less PR.
• Frame in kits are available suitable for damp locations. Add DL.
• All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
• To order adjustable mounting bars for standard frame in kits use Cat. No. AB1.
• 18" and 27" rigid mounting bars are available for all units.
• 277 volt ballast available.

6'+ Aperture

A8
STANDARD
9 WATT

LiteAll™ -
Double Twin Tube (Quad)
Fluorescent

RECESSED LIGHTING

DESCRIPTION

Standard Features
• Frame in kits meet all current U.L. and N.E.C. code requirements.
• Long life economical compact fluorescent lamps.
• 9 watt lamps produce 575 lumens per watt.
• Low energy costs - outperforms incandescent lamps.
• Quick installation - ground wire included.
• Normal power factor ballast supplied with frame in kits.
• Prewired frame in kits are U.L. listed for through circuit wiring.
• Prewired frame in kits are supplied with adjustable mounting bars.

• All frame in kits are supplied with removable section for use with existing ceilings.
• Ceiling Opening: 6 9/16"

Optional Accessories
• Frame in kits are available suitable for damp locations. Add DL.
• All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
• 18" and 27" rigid mounting bars are available for all units.
• High power factor ballasts are available on prewired frame in kits only. Add P.F.
• 277 volt ballast available.

6'+ Aperture

A82
PREWIRED
9 WATT

LiteAll™ -
Double Twin Tube (Quad)
Fluorescent

RECESSED LIGHTING

TRIMS

A110

9 Watt Double Twin Tube (Quad) Fluorescent

For use with the following trims:

Cat. No.	Description
A110	Specular Clear
A120	Specular Clear
A142	Regressed Flat Glass-Reflector Trim
A143	Regressed Fresnel Lens-Reflector Trim
A149	Black Baffle, White Reflector Trim
A149WB	White Baffle, White Reflector trim
A149-21	Black Baffle, Aluminum Alzak® Trim
A149WB-21	White Baffle, Aluminum Alzak® Trim
A149-31	Black Baffle, Gold Alzak® Trim
A149WB-31	White Baffle, Gold Alzak® Trim
A150	Wall Washer, Black Baffle, White Trim
A150WB	Wall Washer, White Baffle, White Trim
A156	Satin Black Cone, White Reflector Trim
A156-21	Satin Black Cone, Aluminum Alzak® Trim
A156-31	Satin Black Cone, Gold Alzak® Trim
A157	Satin Aluminum Cone, White Reflector Trim
A157AW	All White
A157-12	Aluminum Alzak® Cone, White Trim
A157-21	Satin Aluminum Cone, Aluminum Alzak® Trim
A157-22	Aluminum Alzak® Cone, Aluminum Alzak® Trim
A157-31	Satin Aluminum Cone, Gold Alzak® Trim
A157-32	Aluminum Alzak® Cone, Gold Alzak® Trim
A158	Satin Gold Cone, White Reflector Trim
A158-13	Gold Alzak® Cone, White Trim
A158-21	Satin Gold Cone, Aluminum Alzak® Trim
A158-23	Gold Alzak® Cone, Aluminum Alzak® Trim
A158-31	Satin Gold Cone, Gold Alzak® Trim
A158-33	Gold Alzak® Cone, Gold Alzak® Trim
A207S	Shower Lite, White

DIMENSIONS

6 3/4"

Alzak® is a registered trademark of ALCOA

LiteAll™ - Double Twin Tube (Quad) Compact Fluorescent

DESCRIPTION

6"+
Aperture

A9
STANDARD
13 WATT

LiteAll™ -
Double Twin Tube (Quad)
Fluorescent

RECESSED LIGHTING

Standard Features
- Frame in kits meet all current U.L. and N.E.C. code requirements.
- Long life economical compact fluorescent lamps.
- 13 watt lamps produce 860 lumens per watt.
- Low energy costs - outperforms incandescent lamps.
- Quick installation - ground wire included.
- Normal power factor ballast supplied with frame in kits.
- Old work mounting clips are supplied with all standard frame in kits.
- All frame in kits are supplied with removable section for use with existing ceilings.
- Ceiling Opening: 6 9/16"

Optional Accessories
- Standard frame in kits may be ordered less plaster ring. Add less PR.
- Frame in kits are available suitable for damp locations. Add DL.
- All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
- To order adjustable mounting bars for standard frame in kits use Cat. No. AB1.
- 18" and 27" rigid mounting bars are available for all units.
- 277 volt ballast available.

DESCRIPTION

6"+
Aperture

A92
PREWIRED
13 WATT

LiteAll™ -
Double Twin Tube (Quad)
Fluorescent

RECESSED LIGHTING

Standard Features
- Frame in kits meet all current U.L. and N.E.C. code requirements.
- Long life economical compact fluorescent lamps.
- 13 watt lamps produce 860 lumens per watt.
- Low energy costs - outperforms incandescent lamps.
- Quick installation - ground wire included.
- Normal power factor ballast supplied with frame in kits.
- Prewired frame in kits are U.L. listed for through circuit wiring.
- Prewired frame in kits are supplied with adjustable mounting bars.

- All frame in kits are supplied with removable section for use with existing ceilings.
- Ceiling Opening: 6 9/16"

Optional Accessories
- Frame in kits are available suitable for damp locations. Add DL.
- All units are available with vertically adjustable mounting kit and 27" bars (for suspended ceilings). Add MK27.
- 18" and 27" rigid mounting bars are available for all units.
- High power factor ballasts are available on prewired frame in kits only. Add P.F.
- 277 volt ballast available.

TRIMS

A110   13 Watt Double Twin Tube (Quad) Fluorescent

For use with the following trims:

Cat. No.	Description
A110	Specular Clear
A120	Specular Clear
A142	Regressed Flat Glass-Reflector Trim
A143	Regressed Fresnel Lens-Reflector Trim
A149	Black Baffle, White Reflector Trim
A149WB	White Baffle, White Reflector Trim
A149-21	Black Baffle, Aluminum Alzak® Trim
A149WB-21	White Baffle, Aluminum Alzak® Trim
A149-31	Black Baffle, Gold Alzak® Trim
A149WB-31	White Baffle, Gold Alzak® Trim
A150	Wall Washer, Black Baffle, White Trim
A150WB	Wall Washer, White Baffle, White Trim
A156	Satin Black Cone, White Reflector Trim
A156-21	Satin Black Cone, Aluminum Alzak® Trim
A156-31	Satin Black Cone, Gold Alzak® Trim
A157	Satin Aluminum Cone, White Reflector Trim
A157AW	All White
A157-12	Aluminum Alzak® Cone, White Trim
A157-21	Satin Aluminum Cone, Aluminum Alzak® Trim
A157-22	Aluminum Alzak® Cone, Aluminum Alzak® Trim
A157-31	Satin Aluminum Cone, Gold Alzak® Trim
A157-32	Aluminum Alzak® Cone, Gold Alzak® Trim
A158	Satin Gold Cone, White Reflector Trim
A158-13	Gold Alzak® Cone, White Trim
A158-21	Satin Gold Cone, Aluminum Alzak® Trim
A158-23	Gold Alzak® Cone, Aluminum Alzak® Trim
A158-31	Satin Gold Cone, Gold Alzak® Trim
A158-33	Gold Alzak® Cone, Gold Alzak® Trim
A207S	Shower Lite, White

DIMENSIONS

6 3/4"

Alzak® is a registered trademark of ALCOA

DESCRIPTION

Standard Features
- 60W A19
- Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
- All units are UL listed for damp locations.
- All units are fully gasketed.
- Finishes: Anodized Aluminum (AL), White (W).
- Anodized Aluminum trims should be used in damp locations.
- Flexible Ground wire supplied.
- Mounting ring supplied with all round units (407TP and 404TP).
- Old work mounting clips are supplied with all standard units.

Dimensions
- Height: 6 3/4"
- Ceiling opening: 5 1/2"

5"+ Aperture

407TP
404TP
STANDARD
THERMALLY
PROTECTED

Shower Lights

RECESSED LIGHTING

DESCRIPTION

Standard Features
- 60W A19
- Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
- All units are UL listed for damp locations.
- All units are fully gasketed.
- Finishes: Anodized Aluminum (AL), White (W).
- Anodized Aluminum trims should be used in damp locations.
- Prewired units are UL listed for through circuit wiring.
- Flexible Ground wire supplied.
- Mounting ring supplied with all round units (427TP and 424TP).

Dimensions
- Height: 6 3/4"
- Ceiling opening: 5 1/2"

5"+ Aperture

427TP
424TP
PREWIRED
THERMALLY
PROTECTED

Shower Lights

RECESSED LIGHTING

OPAL GLASS

| 407TP | 407TP | Opal Glass (for use with Standard Thermally Protected frame in kit only) |
| | 427TP | Opal Glass (for use with Prewired Thermally Protected frame in kit only) |

FRESNEL LENS

| 404TP | 404TP | Fresnel Lens (for use with Standard Thermally Protected frame in kit only) |
| | 424TP | Fresnel Lens (for use with Prewired Thermally Protected frame in kit only) |

DIMENSIONS

5 1/2"

407TP &
404TP 6 3/4"
427TP &
424TP 5 1/4"

ATLITE®
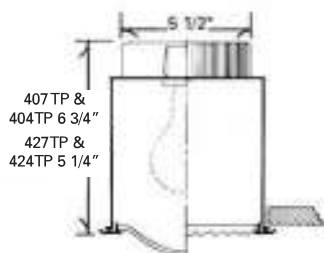
Hight Hats - Normal Trim

DESCRIPTION

4"+
Aperture

R30TP
R40TP
STANDARD
THERMALLY
PROTECTED

High Hats -
Normal Trim

RECESSED LIGHTING

Standard Features
- R30TP: 65W BR30, 75W R30
- R40TP: 120W BR40, 150W BR40
- Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
- Normal trim finish: Satin Aluminum standard. Sprayed white available.
- One piece drawn aluminum housing.
- Units with MK27 mounting kits are supplied with 27" mounting bars.
- Flexible ground wire is supplied.
- Mounting ring supplied with all units.
- Old work mounting clips are supplied with all standard units.

Optional Accessories
- Units are available suitable for damp location. Add DL (not available on heat lights.).
- 18" and 27" rigid bars are available for all units.
- All units available with adjustable mounting kit and 27" bars for suspended ceilings). Add MK27.

5"+
Aperture

R309TP
R409TP
PREWIRED
THERMALLY
PROTECTED

High Hats -
Normal Trim

RECESSED LIGHTING

DESCRIPTION

Standard Features
- R309TP: 65W BR30, 75W R30
- R409TP: 120W BR40, 150W R40
- Thermally protected frame in kits meet all current U.L. and N.E.C. code requirements.
- Normal trim finish: Satin Aluminum standard. Sprayed white available.
- One piece drawn aluminum housing.
- Prewired units are UL listed for through circuit wiring (not available on 75 watt units)
- Units with MK27 mounting kits are supplied with 27" mounting bars.
- Flexible ground wire is supplied.
- Mounting ring supplied with all units.

Optional Accessories
- Units are available suitable for damp location. Add DL (not available on heat lights.).
- 18" and 27" rigid bars are available for all units.
- All units available with adjustable mounting kit and 27" bars for suspended ceilings). Add MK27.

DIMENSIONS

Open 5 1/2"

4 1/4"

75W R30

R30TP
R309TP

Open 6 5/8"

5 3/8"

150W R40

R40TP
R409TP

DESCRIPTION

Standard Features
- P988TP - for use with up to 100W A19 lamps; P9111TP - for use with up to 150W A21 lamps.
- Thermally protected units meet all current U.L. and N.E.C. code requirements.
- All Units are fully gasketed.
- Trim Finish: White (W)
- Prewired units are UL listed for thru-circuit wiring.
- Flexible ground wire is supplied.
- One piece double thickness frame.
- High efficiency reflector.

Listings
- UL Damp Location
- UL Feed Through
- IP Rated

Dimensions
- 5 1/2" height allows use in 2" x 6" joist construction.
- Housing adjusts for ceilings up to 1" thick.
- Ceiling opening:
  P988TP - 8 1/2" x 8 1/2" nominal
  P9111TP - 10 1/2" x 10 1/2" nominal
- Housing:
  P988TP - 9" x 12 1/2"
  P9111TP - 13 1/4" x 14"

8"+ 10"+ Aperture

P988TP

P9111TP

P988TP
P9111TP
NON-IC HOUSING

Squares

RECESSED LIGHTING

Standard Features
- P988TP - for use with up to 100W A19 lamps

  P9111TP - for use with up to 150W A21 lamps.
- Thermally protected units meet all current U.L. and N.E.C. code requirements.
- All Units are fully gasketed.
- Trim Finish: White (W)
- Prewired units are UL listed for thru-circuit wiring.
- Flexible ground wire is supplied.
- One piece double thickness frame.
- High efficiency reflector.

Listings
- UL Damp Location
- UL Feed Through
- IP Rated

Dimensions
- 5 1/2" height allows use in 2" x 6" joist construction.
- Housing adjusts for ceilings up to 1" thick.
- Ceiling opening:
  P988TP - 8 1/2" x 8 1/2" nominal

  P9111TP - 10 1/2" x 10 1/2" nominal
- Housing:
  P988TP - 9" x 12 1/2"
  P9111TP - 13 1/4" x 14"

FLAT GLASS

F28W

8 1/2" Square Frame and Flat Glass

Diffuser, White.

For use with P988TP (100W).

For complete units order:

988-2WTP (Non-IC, 100W)

DROP GLASS

F48W

8 1/2" Square Frame and Drop Glass

Diffuser, White.

For use with P988TP (100W) .

For complete units order:

988-4WTP (Non-IC, 100W)

FLAT GLASS

F211W

10 1/2" Square Frame and Flat Glass

Diffuser, White.

For use with P9111TP (150W).

For complete units order:

9111-2WTP (Non-IC, 150W)

DROP GLASS

F411W

10 1/2" Square Frame and Drop Glass

Diffuser, White.

For use with P9111TP (150W) .

For complete units order:

9111-4WTP (Non-IC, 150W)

DIMENSIONS
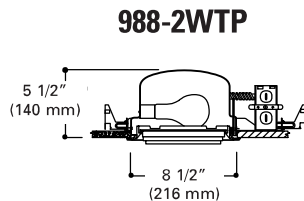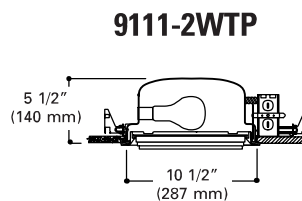
988-2WTP

5 1/2" (140 mm)

8 1/2" (216 mm)

100W Square

9111-2WTP

5 1/2" (140 mm)

10 1/2" (287 mm)

150W Square

ATLITE®

Cast Aluminum Bracket

DIMENSIONS
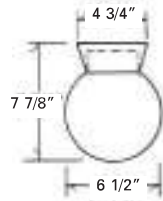
Ceiling Mounted Ball
4 3/4″
7 7/8″
6 1/2″
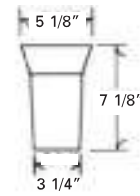
Ceiling Mounted Cylinder
5 1/8″
7 1/8″
3 1/4″
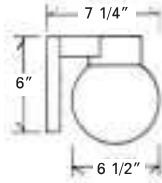
Wall Mounted Ball
7 1/4″
6″
6 1/2″
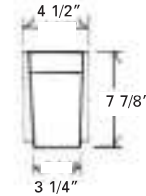
Wall Mounted Cylinder
4 1/2″
7 7/8″
3 1/4″
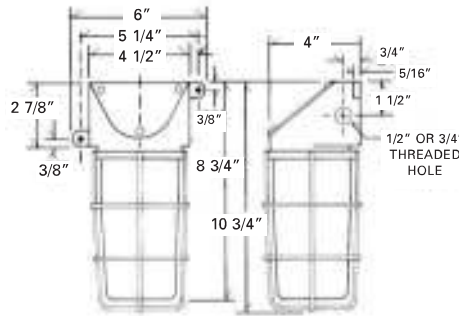
Surface Cylinders - Wired Bracket
6″
5 1/4″
4 1/2″
2 7/8″
3/8″
3/8″
8 3/4″
10 3/4″
4″
3/4″
5/16″
1 1/2″
1/2″ OR 3/4″ THREADED HOLE

WALL MOUNTED		
35080	35080	60W Cylinder-Polycarbonate
	350	100W Cylinder-Glass
	361	100W Ball-Glass

CEILING MOUNTED		
300	300	60W Cylinder-Glass
	30080	60W Cylinder-Polycarbonate
	301	60W Ball-Glass

SURFACE WIRED BRACKET		
3180	3180	60W Polycarbonate
	3183	100W Glass

Recessed Linear Fluorescent & Step Lights

ATLITE®

DESCRIPTION

Standard Features
- 2 Light 17W-T8, 2 Light 32W-T8, 4 Light 17W-T8, 4 Light 32W-T8
- All units supplied with class P commercial electronic ballast.
- Fully gasketed to prevent light leakage.
- Housing of 20 Ga. welded steel construction.
- EM = Emergency Battery Pack Available

Finishes
White (W), All units

DIMENSIONS
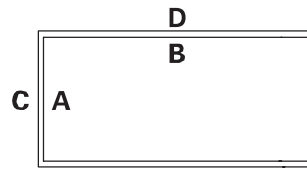
A&B = Box Dimensions
C&D = Frame Dimensions

Dimensions

T8		Box Size		Frame Size		Depth
		A	B	C	D	
5217	2 Light 17W	7"	25"	8 1/4"	26 1/2"	4
5232	2 Light 32W	7 1/2"	48"	9 1/8"	50 1/4"	4
5417	4 Light 17W	11 1/4"	25 1/4"	12 3/8"	26 1/4"	4
5432	4 Light 32W	11 3/4"	48 1/2"	13 1/4"	50 1/4"	4

T8 - Electronic Ballast

5217	2 Light 17W	F017
5417	4 Light 17W	F017
5232	2 Light 32W	F032
5432	4 Light 32W	F032

**5217
5232
5417
5432
PRISMATIC
PLASTIC LENS**

Recessed Linear
Fluorescent

RECESSED LIGHTING

DESCRIPTION

Standard Features
- Cat. No. 38 and 39 are supplied with torsion spring frames.
- Finishing trims are not gasketed.

Finishes
Cast Aluminum, Cat. No. 37 only
White (W), Cat. No. 38 and 39 only
Stainless (SS), Cat. No. 38 and 39 only

DIMENSIONS

7"

3 1/2"

3 5/8"

Trim Size 5 1/4" x 8 1/2"
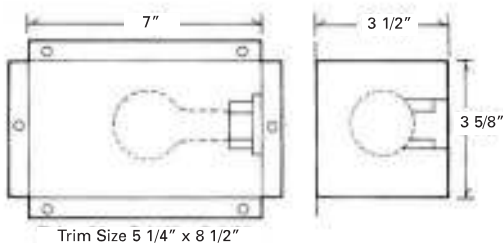
STEP LIGHTS

Recessed Lighting

STEP LIGHTS

37	37	Cast Aluminum Louvered, 25W A Lamp

38	38W	Glass Faced, White, 25W A Lamp
	38W-PL9	Glass Faced, White, 9W PL Compact Fluorescent Lamp
	38SS	Glass Faced, Stainless, 25W A Lamp
	38W-PL9PF	Glass Faced, White, 9W PL Compact Fluorescent Lamp, High Power Factor
	38SS-PL9	Glass Faced, Stainless, 9W PL Compact Fluorescent Lamp
	38SS-PL9PF	Glass Faced, Stainless, 9W PL Compact Fluorescent Lamp, High Power Factor

39	39W	Steel Louvered, White, 25W A Lamp
	39SS	Stainless Louvered, 25W A Lamp

Rigid mounting bars

Cat. No. RMB18 - 18" length
Cat. No. RMB27 - 27" length
18" and 27" lengths available.
may be used with all units supplied with mounting rings.

RMB18

RMB27

Adjustable mounting bars

AB1

Cat. No. AB1.
May be used with all units supplied with mounting rings.
Adjustable from 14" to 27".
Built in nailing tab and height gauge.
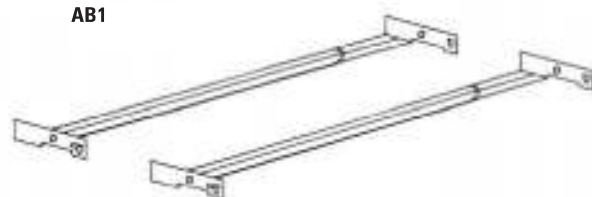
Cat. No. BH101
Bar Hanger replacement kit. Set of four pieces.
For replacing mounting bars on the following housings:
Z1ICAT, Z1-75, Z1, L1, W1, W12, WIC2, P988TP, P988ICAT,
P9111TP, P9111ICAT, WICAT2, WICAT2NB, WICAT24, W12ICAT,
WICAT5, CW3ICAT, CW318-ICAT, CW326-ICAT, CF5ICAT, W3

BH102

Cat. No. BH102
Bar Hanger replacement kit. Set of four pieces.
For replacing mounting bars on the following housings:
CH213/CH228/CH218/CH226 Series

BH101

Attachment Clips

OWC
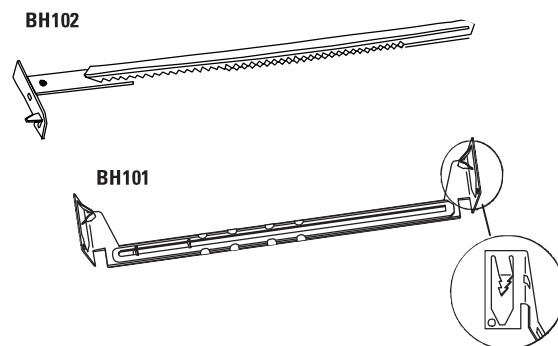
Cat. No. M3B
Old work clips (OWC)
For use with all units supplied with "T" shaped mounting slots.
Packaged 3 to a bag.

TB7

Cat. No. TB7
T-Bar Attachment clips
For use with BH101 and BH102.
Set of four. (Order one set per fixture.)
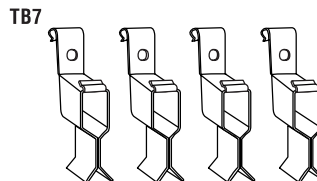
Cat. No. RK-7
Hold down clips for non-remodel
fixtures when hanger bars are not
used. Set of four.

RK-7

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Notes

COOPER Lighting

AtLite®

100 Andrews Road
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Fax 1-800-382-1391

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Peachtree City, Georgia 30269
770.486.4800
Fax: 770.486.4801

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Peachtree City, Georgia

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Cooper Lighting
5925 McLaughlin Road
Mississauga, Ontario L5R 1B8
905.507.4000
Fax: 905.586.7049

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