

FORM follows FUNCTION

HBOX™
HOLOPHANE indoor lighting

DESIGNER SERIES
Product Catalog

type 90



type 10

HOLOPHORMS



Illuminaire



02454



PGRL



Paradome



PrismGlo



Illumibay

RECESSED



CrystalGlo



Mirrolume


HOLOPHANE®
LEADER IN LIGHTING SOLUTIONS

HL-2142 6/06

experience
lighting's
best.

FORM follows FUNCTION

Architects and engineers have been practicing the art of zonal cavity lighting for decades. Holophane has simplified that process with the concept of area lighting. There's never before been a series of products which offer such a complete palette of lighting choices to address area lighting like the Designer Series does.

An HBOX is any large structure characterized by high ceilings and open spaces... but unlike the industry's understanding of "big-box" buildings, HBOX spaces are more than shopping outlets. HBOX spaces are convention centers, factories, warehouses, transportation concourses, gymnasiums, school cafeterias and arenas, as well as retail centers.

Prismatic Holophane Glass

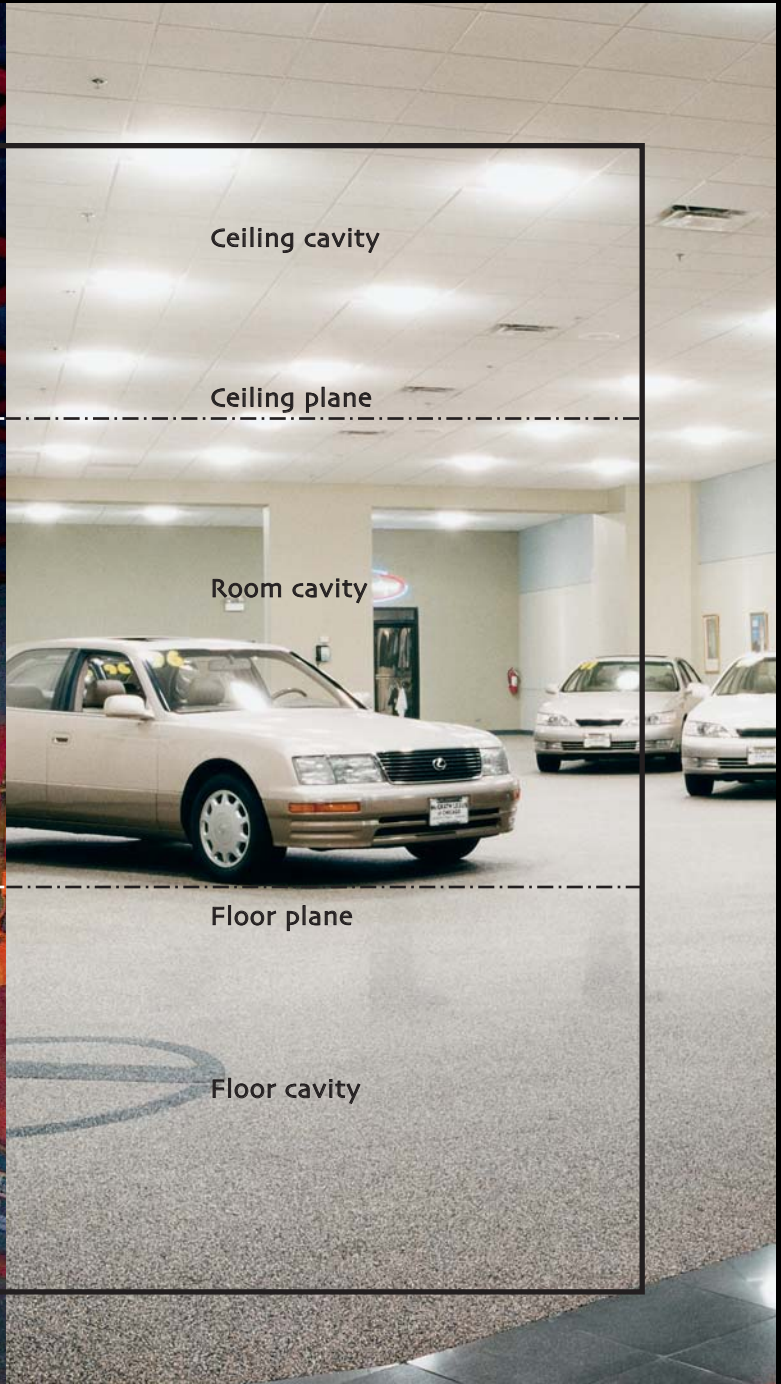
Endural® prismatic glass, a hallmark of Holophane lighting, allows precise control of the quality, quantity and direction of the light that comes through the glass. Blondel flutes evenly spread light across the entire optic enabling the glass to appear wholly luminous. This design feature creates a high-efficiency luminaire that is low-glare to the viewer. Prism design is another critical element in optical design. Certain prisms act as reflectors, or mirrors, sending rays of light back in the direction they came. Other prisms are refractors, which bend the light, sending it out in a prescribed direction. Scientific placement of these prisms allows Holophane luminaires to assign exact percentages of uplight and downlight. Ingenious use of these prisms, coupled with technology boasting dozens of patents, makes the Designer Series collection comfortable to look at and to see by.



The form is Illuminaire, the function a type50



The form is PGRL, the function a type10



The form is CrystalGlo, the function a type30

The Designer Series is offered in four types of area lighting: type10, type30, type50, and type90.

Certain applications demand indirect light, which produces no glare or shadows.

Others call for maximum amounts of downlight for precision work. Still others fall somewhere in-between.

Area lights are precision engineered and categorized into types to take the guesswork out of designing a lighting plan.

What's Your Type?

There's more to lighting a space than simply providing enough footcandles. There is a science to these applications, but there is also art. Not only must the efficiency of a lighting plan be considered, but the psychology of its effects must be thought out as well. Different types of area lights help to create different impressions; simultaneously accomplishing scientific and aesthetic goals.

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Maximum Down ...

If illuminating a specific task is the most critical design criteria, a type10 may be the best solution. It provides maximum levels of illumination to a particular area. Light is not "wasted" on areas of less importance.

Somewhere In-Between ...

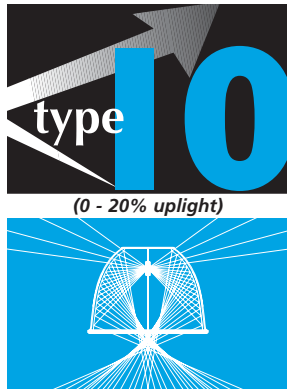
When direct light on the work plane is important, but aesthetics of the space can't be sacrificed, a type30 area light is the natural choice. Designed for retail, education and office areas, the type30 maximizes useful light in the design providing an inviting yet comfortable space.

A type50 area light balances the need for a lot of light in room and floor cavities, with the desire to diffuse some light by bouncing it off the ceiling. Sending more light up softens the overall lighting effect and increases efficiency because fewer fixtures are needed. HBox spaces that would benefit from a type50 include retail settings, offices, libraries, and manufacturing assembly areas.

or Maximum Up ...

Certain spaces demand no glare and no shadows. These spaces require maximum light to bounce off the ceiling. A type90 might be used in an airport concourse, an indoor tennis court or other sports arena, or in an open spaced office setting where computer glare is an issue.

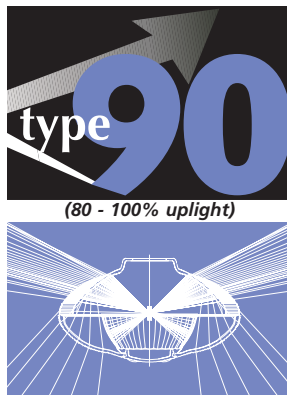
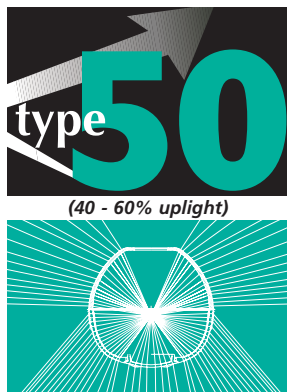
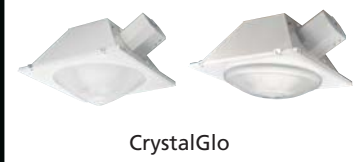
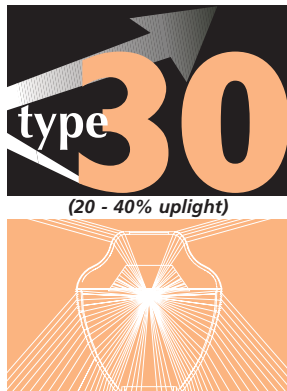
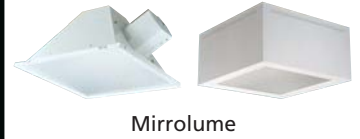
If the ceiling is vaulted or has beautiful crown moldings, then type90 optics are also a great choice. A type90 provides diffuse luminance and creates an airy, open feeling.



HOLOPHORMS



RECESSED





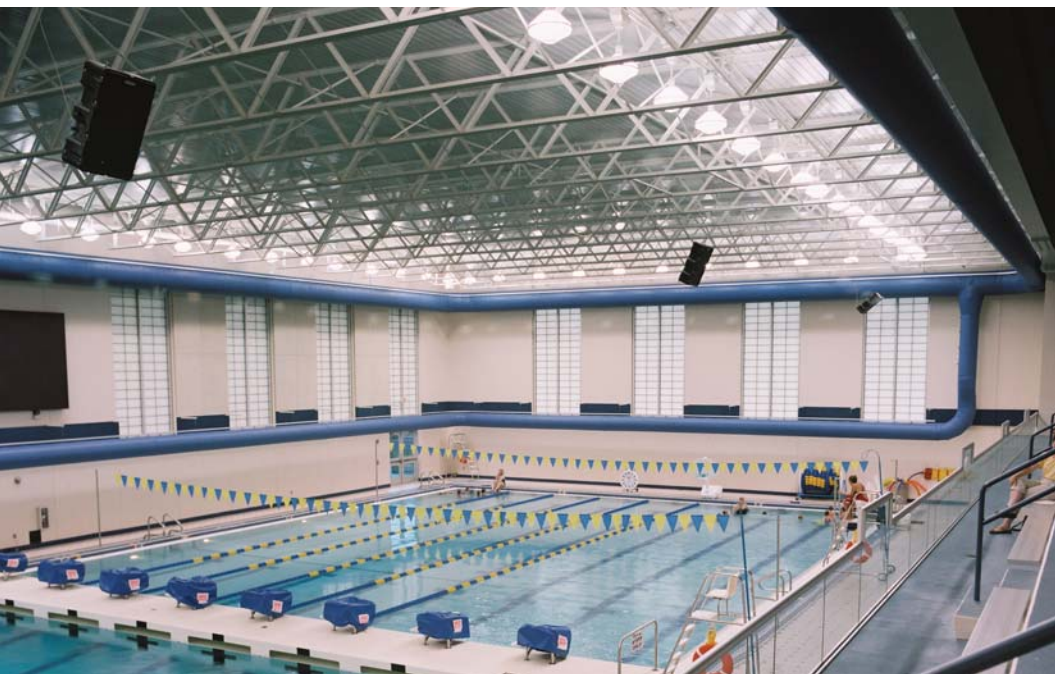
Holophorms™

If you divide the word into two words — Holo and phorms — it is easy to see why the term Holophorms fits this product line so well.

“Holo” stands for Holophane and represents our 108-year success in glass, optics and in manufacturing high-quality luminaires that require little maintenance.

“Phorm” means shape. The shape you select to use in your HBox can greatly affect the overall look and appeal of the application.

Holo
phorms



Illuminate



02454



PGRL



Paradome



PrismGlo



Illumbay

Holophorms™





Illuminaire®

Designed to satisfy every **HBox** application, the Illuminaire Series has truly melded form with function. The beauty of the glass alone is enough to capture the eye. Couple this with durability and maintenance ease, and these become the luminaire that everyone has been searching for. With five optic styles to choose from, the application possibilities are endless. Further customize your design with enhancements such as caps, claws and metallic finishes. We invite you to turn the page and see what the Illuminaire fixtures have to offer.



The Quad
type90, 50, 30



The Tri-Egg
type50, 30



The Tri-Crest
type50, 30



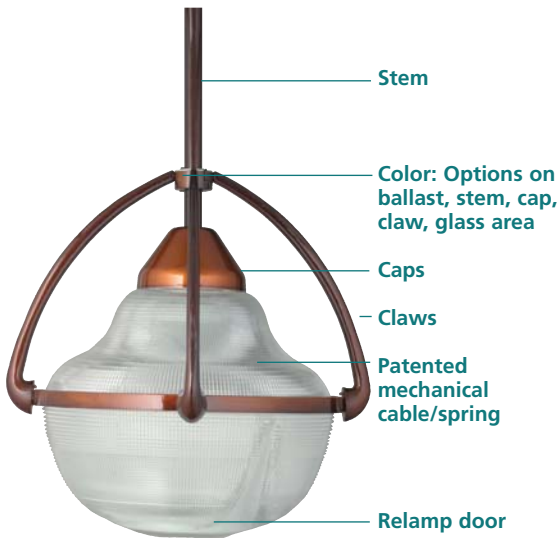
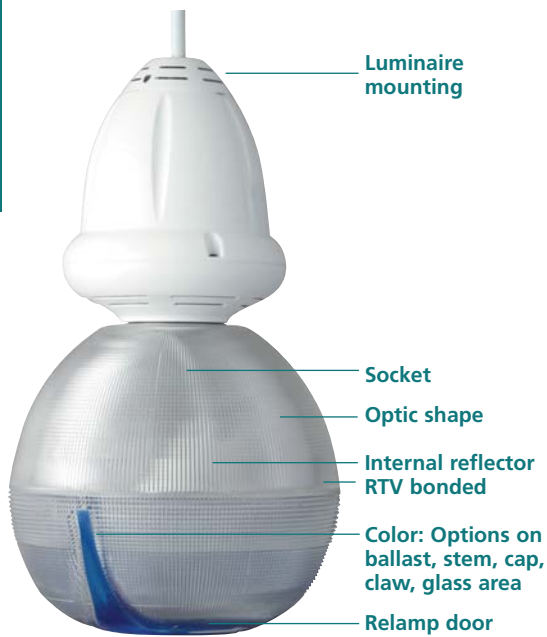
The Egg
type50, 30



The Crest
type50, 30

Saturn of Reading, Pennsylvania

Product Features



LUMINAIRE MOUNTINGS

INTEGRAL



RECESSED & REMOTE



RECESSED & REMOTE



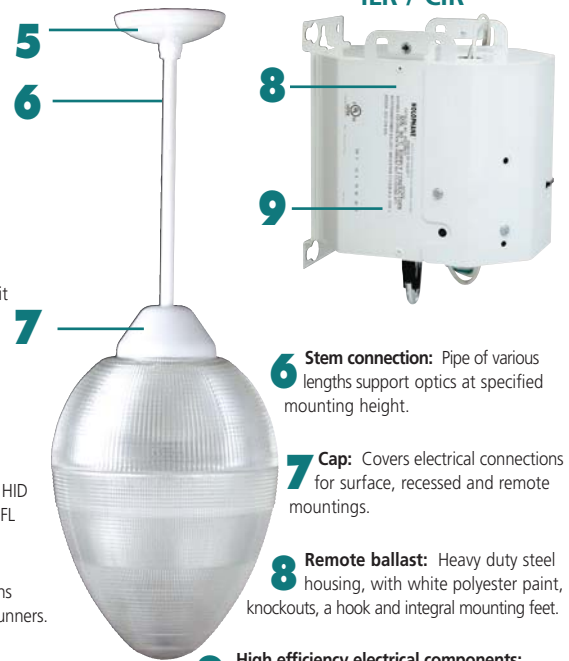
1 Quick install wiring cover: Pre-drilled for DN20NPT (.75") conduit connection, slides on and mates with electrical splice chamber cover.

2 Die cast aluminum housing: Corrosion resistant polyester powder paint fixture UL listed as a recessed type non-IC marked spacing for use in 25°C ambients, energy efficient copper wound HID ballast with thermal overload protector. CFL ballasts available as well.

3 Grid ceiling mounting rails: Positions housing and optics between tee bar runners.

4 Integral swivel plate: Provides a 15° motion in a 360° plane for sloped ceilings of 15° or less, fast connection to, and support of, stem and optical assembly.

5 Canopy: Provides finished appearance at junction of ceiling tile and stem.



6 Stem connection: Pipe of various lengths support optics at specified mounting height.

7 Cap: Covers electrical connections for surface, recessed and remote mountings.

8 Remote ballast: Heavy duty steel housing, with white polyester paint, knockouts, a hook and integral mounting feet.

9 High efficiency electrical components: Low noise, potted, copper wound core and coil HID assembly, capacitor, starter board, and standby relay designed for remote mounting from 4.21m (14') to 6m (20') for pulse metal halide, 3.66m (12') for CFL and 24.38m (80') to 141.7m (465') for standard MH distance from the luminaire. Rated 40°C

SURFACE



ILS / CIS

WALL MOUNT



CIW ARCHED



CIM NAUTICAL

SURFACE

ILS



- 1
- 2
- 3



CIS



- 4
- 2
- 3

1 Quick install box: Ballast housing hinges from throughway (or concealed) wiring box for quick labor saving installation and fast maintenance.

2 Die cast aluminum housing: Corrosion resistant polyester powder paint or metallic finishes available. UL listed 40°C damp location, energy efficient copper wound HID ballast.

3 Integral swivel plate: Provides 10° motion in a 360° plane for mounting on sloped ceilings of 10° or less.

4 Surface plate: Ballast housing hangs from cable to free hands for wire connections. Ballast twists on to plate and is locked in place with screw. Plate mounts to standard 4" box.

CLAWS



Arch



Victorian



Traditional



Wrought

COLORS

The colors are approximate. Cast aluminum parts appear differently from hydro-formed parts when using metallic finishes.



Smoked Chrome



Antique Brass Paint



Copper



Satin Copper



Chrome



Satin Nickel Paint



White Paint



Black Paint



Copper Paint

CAPS



Standard



Crescent



Notched



Hexagonal



Angled

Applications



Los Angeles Athletic Club; Los Angeles, California



River Mill Antique Mall; Bibb City, Georgia



Holmes High School; Dallas, Texas

Typical Applications

Retail

- Malls and shopping centers
- Restaurants
- Supermarkets
- Specialty shops
- Mass merchandise and discount stores

Commercial

- Commercial offices
- City halls
- Visitor centers
- Museums
- Places of worship
- Fitness centers

Schools

- Elementary and high schools
- College and universities
- Libraries and activity areas
- Natatoriums



Illuminaire® | Large

Intended for **HBox** spaces with ceiling heights of 15' and higher, all large Illuminaire fixtures come standard as a type30 and type50. The Quad is also available as a type90 if you desire increased uplight. The Illuminaire large optics have been used in libraries, above swimming pools, fitness centers, convention centers, city halls, high school corridors, offices, churches, retail stores and various other locations.

Features

- Seamless optical appearance
- Multiple distributions
- Threaded relamp door with relamp cable
- Glass optics stay clean over time
- Five optic shapes on your choice of four ballast mountings
- An assortment of caps, stems and claws
- In addition to the 9 standard finishes, there are unlimited custom color options

Lamp Types

- 70-400 watt metal halide
- 26- (2) 42 watt compact fluorescent
- 300-500 watt incandescent

Approvals

- UL/CUL 1598 damp location listed



The Quad
type90, 50, 30



The Tri-Egg
type50, 30



The Tri-Crest
type50, 30



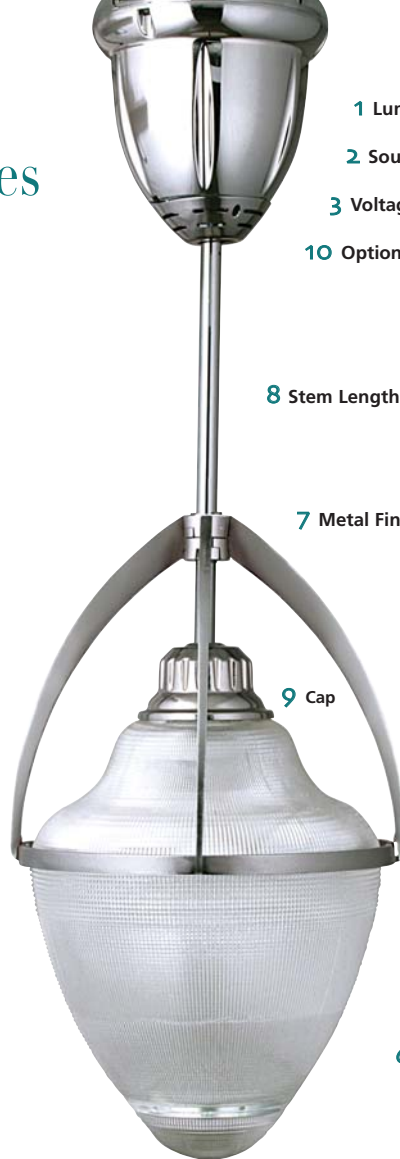
The Egg
type50, 30



The Crest
type50, 30



Product Features



1 Luminaire Mounting

2 Source and Wattage

3 Voltage

10 Options

8 Stem Length

7 Metal Finish Color

9 Cap

11 Accessories

4 Optic Type

5 Glass Colorization

6 Glass Color Area

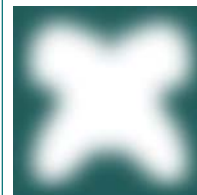
Distributions

Quad (type90)



Spacing Criteria: 1.7

Egg (type50)



Spacing Criteria: 1.8

Egg (type30)



Spacing Criteria: 1.7

Catalog number information

STEP 1: LUMINAIRE MOUNTING

ILI	Integral mount
ILR	Remote mount
ILS	Surface mount
ILT	Recessed mount

Please contact your local Holophane Sales Rep for information on high wattage electronic ballast



ILI
Ballast Weight:
9.5 kg (21 lbs)



ILR
Ballast Weight:
4.5 kg (10 lbs)



ILS
Ballast Weight:
12.6 kg (28 lbs)



ILT
Ballast Weight:
10 kg (22 lbs)

STEP 2: SOURCE AND WATTAGE

70DMH	70W MH
10DMH	100W MH
15DMH	150W MH
17DMH	175W MH, medium
175MH	175W MH, mogul
250MH	250W MH
400MH	400W MH

Pulse Start

175PM	175W MH, mogul
250PM	250W MH
320PM	320W MH
350PM	350W MH
35EPM	350W MH, linear reactor
400PM	400W MH
40EPM	400W MH, linear reactor

Electronic Ballast

70DEM	70W MH
10DEM	100W MH
15DEM	150W MH

Energy Saving Ballast, Pulse Start

25LPM	250W MH
25LMH	250W MH
35LPM	350W MH
40LMH	400W MH
40LPM	400W MH

Compact Fluorescent

26CFL	26W CFL
42CFL	42W CFL
226CFL	(2) 26W CFL
242CFL	(2) 26W CFL
257CFL	(2) 57W CFL
270CFL	(2) 70W CFL
457CFL	(4) 57W CFL

Incandescent

30DIN	300W
500IN	500W

1 Available in 120 and 277V only
2 Not available in ILR and ILT version
3 Available in ILR only

STEP 3: VOLTAGE

12	120V
20	208V
24	240V
27	277V
34	347V

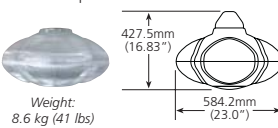
AV² Auto sensing voltage
MT¹ Multi-voltage
VT¹ Vari-tap

1 Not available in ILT version
2 Available with Compact Fluorescent only

STEP 4: OPTIC TYPE

Quad

J	50 up / 50 down
K	25 up / 75 down
L	80 up / 20 down



427.5mm (16.83")
584.2mm (23.0")
Weight: 8.6 kg (41 lbs)

Tri-Egg

E	40 up / 60 down
F	25 up / 75 down

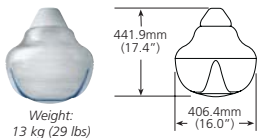


483.4mm (19.03")
406.4mm (16.0")
Weight: 13.6 kg (30 lbs)

STEP 4: OPTIC ... Continued

Tri-Crest

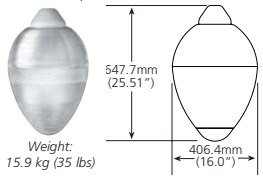
G	40 up / 60 down
H	25 up / 75 down



441.9mm (17.4")
406.4mm (16.0")
Weight: 13 kg (29 lbs)

Egg

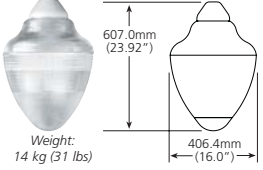
A	40 up / 60 down
B	25 up / 75 down



547.7mm (21.51")
406.4mm (16.0")
Weight: 15.9 kg (35 lbs)

Crest

C	40 up / 60 down
D	25 up / 75 down



607.0mm (23.92")
406.4mm (16.0")
Weight: 14 kg (31 lbs)

1 Contains Miro®4 reflector, single lamp configurations only

Ordering Information

How to Construct a Catalog Number

Example:

ILS	400MH	12	C	1	4	M	1	C	F1	IL-ARCH-M
1	2	3	4	5	6	7	8	9	10	11
MOUNTING	WATTAGE	VOLTAGE	OPTICS	GLASS COLOR	COLOR AREA	FINISH	STEM LENGTH	CAPS	OPTIONS	ACCESSORIES
ILI ILR ILS ILT	70DMH 70DEM 10DMH 10DEM 15DMH 15DEM 17DMH 175MH 175PM 250MH 250PM 25LMH 25LPM 320PM 350PM 35EPM 35LPM 400MH 400PM 40EPM 40LMH 40LPM 26CFL 42CFL 226CFL 242CFL 257CFL 270CFL 457CFL 30DIN 500IN	12 20 24 27 34 AV MT VT	A B C D E F G H J K L	1 2 3 5 X	1 2 3 4 5 X	A C H K L M R S W	1 2 3 4 5 6 X XS	A B C D E	PF-396 PF-397 CDP-L5 CDP-L6 CDP-L7 CDP-L24 CDP-3-PT CDP-4-PT CDP-5-PT CDP-6-PT F1 F2 C3 C6 C1 H EM ER	LAMP IL-ARCH-X IL-VICTORIAN-X IL-TRADITIONAL-X IL-WROUGHT-X F1 F2 PF-396-ACC PF-347-ACC ILCHAIN3 ILCHAIN6 ILCHAIN10



STEP 5: GLASS COLORIZATION

- 1¹ Clear
- 2 Frost
- 3 Blue
- 5 Green
- X Special color

1 Not available on optics E, F, G, H



STEP 6: GLASS COLOR AREA

- 1¹ Vein only
- 2¹ Vein and relamp glass only
- 3¹ Vein and lobes only
- 4 Entire optics
- 5² Relamp glass only
- X Special coverage area

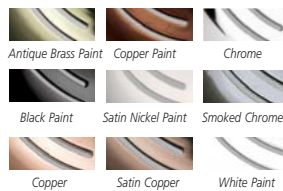
1 Available with E, F, G, H only
2 Not available with E, F, G, H



STEP 7: FINISH COLOR

- A Antique brass paint
- C Copper paint
- H¹ Chrome
- K Black paint
- L Satin nickel paint
- M¹ Smoked chrome
- R¹ Copper
- S¹ Satin copper
- W White paint

1 Vacuum deposited metallic finish



The colors are approximate. Cast aluminum parts appear differently from hydro-formed parts when using metallic finishes.

STEP 8: STEM LENGTH

- 1 18"
- 2 48"
- 3 96"
- X¹ Special stem
- 4² 18" with swivel
- 5² 48" with swivel
- 6² 96" with swivel
- XS^{1,2} Special stem lengths with swivel

(Not applicable for ILI)

1 Length available in increments of 25mm (1")
2 Available ILR only

STEP 9: CAP

- A Standard
- B Crescent
- C Notched
- D Hexagonal
- E Angled

(Not available with ILI)



STEP 10: OPTIONS

- PF-396 Safety hook
- PF-397 Loop
- HFW Holoflex® flexible wiring system
- F1² Single fuse assembly
- F2² Double fuse assembly
- C3 3' of safety chain
- C6 6' of safety chain
- C1 10' of safety chain
- H² HALT® Automatic lamp time-out.
- EM² Standby lighting fixture
- ER² Emergency lighting fixture
- CDP-3-PT 3' cord assembly
- CDP-4-PT 4' cord assembly
- CDP-5-PT 5' cord assembly
- CDP-6-PT 6' cord assembly
- 3 Conductor Cord and NEMA Plug
- CDP-L5-15-X-PT¹ 120V
- CDP-L6-15-X-PT¹ 208/240V
- CDP-L7-15-X-PT¹ 277V
- CDP-L24-20-X-PT¹ 347V

See page 58 for definitions

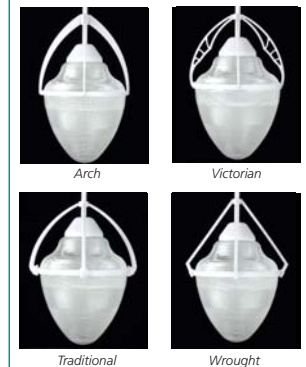
1 Not available in ILR version
2 Available with 70DMH, 100MH, 150MH, 175MH, 250PM, 320PM, 350PM, 400MH, and 400PM

STEP 11: ACCESSORIES

- LAMP Appropriate HID lamp
- F1 Single fuse assembly
- F2 Double fuse assembly
- PF-396-ACC Safety hook
- PF-347-ACC Safety loop
- ILCHAIN3 3' safety chain
- ILCHAIN6 6' safety chain
- ILCHAIN10 10' safety chain

Decorative Claws

- IL-Arch-X^{1,2} Arch
- IL-Victorian-X^{1,2} Victorian
- IL-Traditional-X^{1,2} Traditional
- IL-Wrought-X^{1,2} Wrought



See page 59 for definitions

1 "X" must be replaced with a Finish designator
2 Not available in ILI version

Applications



Memphis International Airport; Memphis, Tennessee



New York & Company; Staten Island, New York



Fernwood Resort and Country Club, Pool Room; Bushkill, Pennsylvania



Typical Applications

Retail

- Malls and shopping centers
- Restaurants
- Grocery stores
- Specialty shops

Commercial

- Commercial offices
- Office building common areas and hallways
- Visitor centers
- Museums
- Places of worship

Schools

- Elementary and high schools
- College and universities
- Libraries and activity areas
- Natatoriums

Illuminaire® | Compact

The compact Illuminaire Series can be used in spaces with ceiling heights as low as 7'6". Designed as a type50, the Illuminaire optics perfectly balance light both upwards and downwards. Accent a retail store by placing the compact Illuminaire optic over the check-out counter or mount it on the wall of a high school cafeteria. Either way, the Illuminaire fixture is bound to gain attention. The compact Illuminaire optic has successfully illuminated retail stores, high school stairways and cafeterias, college classrooms, grocery stores, dance studios, drug stores, reception areas and various other locations.

Features

- Glass optics stay clean over time
- Seamless optical appearance
- Four optic shapes on your choice of six ballast mountings
- An assortment of cap and claw choices
- In addition to the 9 standard finishes, there are unlimited custom color options

Lamp Types

- 70-150 watt metal halide
- 26-42 watt compact fluorescent
- 200 watt incandescent

Approvals

- UL/CUL 1598 damp location listed



*The Tri-Egg
type50*



*The Tri-Crest
type50*



*The Egg
type50*

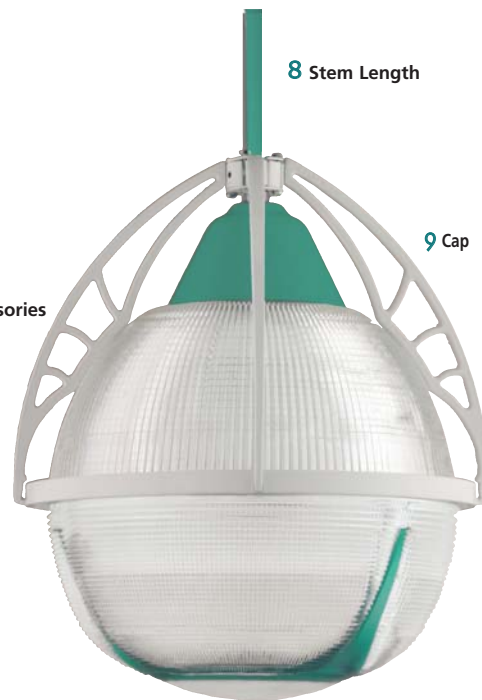


*The Crest
type50*

Product Features



- 1 Luminaire Mounting
- 2 Source and Wattage
- 3 Voltage
- 10 Options
- 7 Metal Finish Color
- 11 Accessories
- 4 Optic Type
- 5 Glass Colorization
- 6 Glass Color Area



- 8 Stem Length
- 9 Cap

Catalog number information

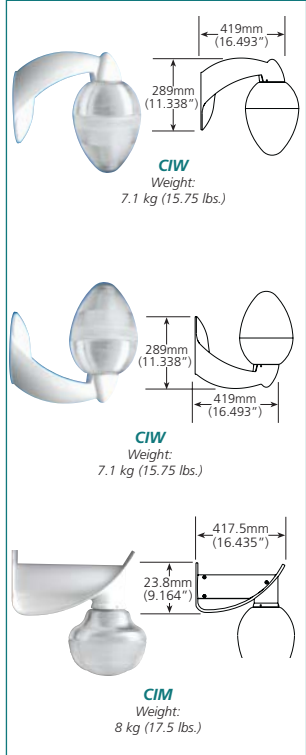
STEP 1: LUMINAIRE MOUNTING

- CII** Integral mount
- CIM** Nautical wall mount
- CIR** Remote mount
- CIS** Surface mount
- CIT** Recessed mount
- CIW**¹ Arched wall mount

¹ Wet location option available



STEP 1: LUMINAIRE.. Continued



STEP 2: SOURCE AND WATTAGE

- 70DMH** 70W MH
- 10DMH** 100W MH
- 15DMH** 150W MH
- Electronic Ballast**
- 70DEM**² 70W MH
- 10DEM**² 100W MH
- Compact Fluorescent**
- 26CFL** 26W CFL
- 42CFL** 42W CFL
- Incandescent**
- 20DIN**³ 200W

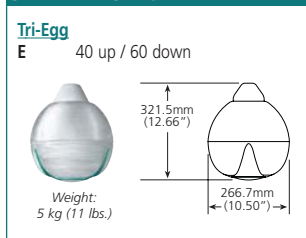
¹ Available in 120 and 277V only
² Not available in CIR and CIT version
³ Available in CIR only

STEP 3: VOLTAGE

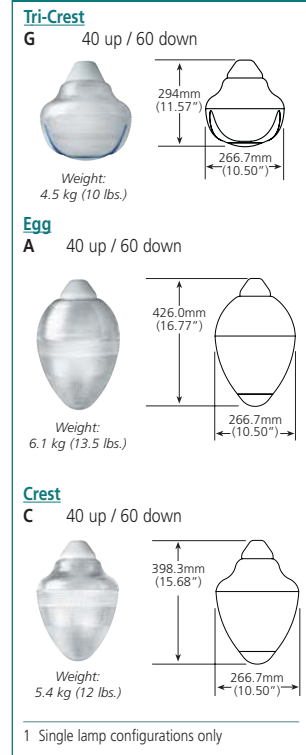
- 12** 120V
- 20** 208V
- 24** 240V
- 27** 277V
- 34** 347V
- MT**¹ Multi-voltage

¹ Not available in CIT version

STEP 4: OPTIC TYPE



STEP 4: OPTIC ... Continued



Ordering Information

How to Construct a Catalog Number


Example:



CIT	70DMH	12	C	1	4	M	1	C	F1	CI-ARCH-M
1	2	3	4	5	6	7	8	9	10	11
MOUNTING	WATTAGE	VOLTAGE	OPTICS	GLASS COLOR	COLOR AREA	FINISH	STEM LENGTH	CAP	OPTIONS	ACCESSORIES
CII CIM CIR CIS CIT CIW	70DMH 10DMH 15DMH 70DEM 10DEM 26CFL 42CFL 20DIN	12 20 24 27 34 MT	A C E G	1 2 3 5 X	1 2 3 4 X	A C H K L M R S W	1 2 3 X 4 5 6 XS	A B C D E	PF-398 PF-399 CDP-L5 CDP-L6 CDP-L7 CDP-L24 F1 F2 C3 C6 C1 CD-3-PT CD-4-PT CD-5-PT CD-6-PT H EM ER W	LAMP CI-ARCH-X CI-VICTORIAN-X CI-TRADITIONAL-X CI-WROUGHT-X CICHAIN3 CICHAIN6 CICHAIN10 F1 F2 PF-396-ACC PF-347-ACC


Distributions

Crest/Egg



Spacing Criteria: 1.9

Tri-Crest/Tri-Egg



Spacing Criteria: 1.9

STEP 5: GLASS COLORIZATION

- 1¹ Clear
- 2 Frost
- 3 Blue
- 5 Green
- X Special color

1 (Not available on optics E, F, G, H)



STEP 6: GLASS COLOR AREA

- 1¹ Vein only
- 2¹ Vein and center glass only
- 3¹ Vein and lobes only
- 4 Entire optics
- X Special coverage area

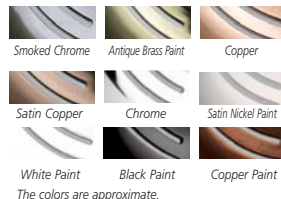
1 Available with E, G only



STEP 7: FINISH COLOR

- A Antique brass paint
- C Copper paint
- H¹ Chrome
- K Black paint
- L Satin nickel paint
- M¹ Smoked chrome
- R¹ Copper
- S¹ Satin copper
- W White paint

1 Vacuum deposited metallic finish



White Paint Black Paint Copper Paint

The colors are approximate.

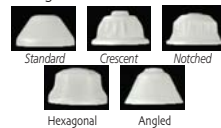
STEP 8: STEM LENGTH

- 1 18"
- 2 48"
- 3 96"
- X¹ Special stem
- 4² 18" with swivel
- 5² 48" with swivel
- 6² 96" with swivel
- XS^{1,2} Special stem lengths with swivel

1 Length available in increments of 25mm (1")
2 Available CIR only

STEP 9: CAP

- A Standard
- B Crescent
- C Notched
- D Hexagonal
- E Angled



STEP 10: OPTIONS

- PF-398 Safety hook
- PF-399 Loop
- HFV Holoflex® flexible wiring system
- F1² Single fuse assembly
- F2² Double fuse assembly
- C3 3' of safety chain
- C6 6' of safety chain
- C1 10' of safety chain
- H² HALT® Automatic lamp time-out.
- EM² Standby lighting fixture
- ER² Emergency lighting fixture
- CDP-3-PT 3' cord assembly
- CDP-4-PT 4' cord assembly
- CDP-5-PT 5' cord assembly
- CDP-6-PT 6' cord assembly
- W³ Wet location

- 3 Conductor Cord and NEMA Plug**
- CDP-L5-15-X-PT¹ 120V
 - CDP-L6-15-X-PT¹ 208/240V
 - CDP-L7-15-X-PT¹ 277V
 - CDP-L24-20-X-PT¹ 347V

See page 58 for definitions

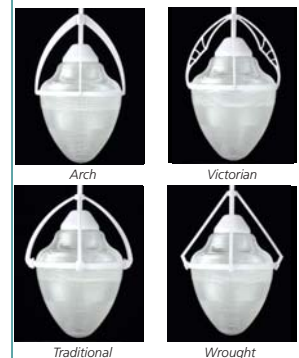
- 1 Not available in CIR version
- 2 Available with 70DMH, 100MH, 150MH, 175MH, 250PM, 320PM, 350PM, 400MH, and 400PM
- 3 Available with CIW only

STEP 11: ACCESSORIES

- LAMP Appropriate HID lamp
- F1 Single fuse assembly
- F2 Double fuse assembly
- PF-396-ACC Safety hook
- PF-347-ACC Safety loop
- CICHAIN3 3' safety chain
- CICHAIN6 6' safety chain
- CICHAIN10 10' safety chain

Decorative Claws

- CI-Arch-X^{1,2} Arch
- CI-Victorian-X^{1,2} Victorian
- CI-Traditional-X^{1,2} Traditional
- CI-Wrought-X^{1,2} Wrought



See page 59 for definitions

- 1 "X" must be replaced with a Finish designator
- 2 Not available in CII, CIM or CIW version





02454

The 02454 luminaire from Holophane provides the ideal lighting design element for applications requiring an industrial, retro warehouse, or open loft look. This product has been used in industrial and retail applications since 1937.

The original 02454 has been the ultimate in low brightness, energy efficient lighting. A combination of stainless steel rods, a cast aluminum husk and ageless prismatic glass create a luminaire that transcends the years. The 02454 product line offers two covers and three color options to contribute to the style and function of any lighting environment. An optional copper cover brings out the classic metal's beauty to add elegance to the retro-industrial design.



C - Compact
type50



C - Compact
type50



D - Delphic
type30



L - Large
type50



L - Large
type30

Dave and Buster's; Columbus, Ohio

Applications



Borders Bookstore; Seattle Washington



Harley-Davidson; Pueblo, Colorado



Old Navy Clothing Store; Emeryville, California



Typical Applications

- Retail stores
- Restaurants
- Office buildings
- Lobbies
- Schools
- Libraries

Features

- Superior prismatic glass performance
- Reflector/refractor combination provides unique design element
- Three optical choices to customize lighting designs
- Conical or round bottom provides sparkle to entice customers

Lamp Types

- 70-400 watt metal halide, also available in pulse start, energy saving pulse start, incandescent, and compact fluorescent

Approvals

- UL/CUL 1598, damp location listing

Ordering Information



HOLOPHANE indoor lighting

DESIGNER SERIES

Product Catalog

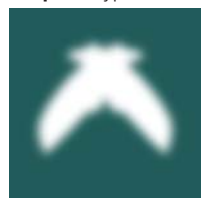
How to Construct a Catalog Number

Example:

24N	400MH	12	C	U	1	CD-6	LAMP
1	2	3	4	5	6	7	8
LUMINAIRE	WATTAGE	VOLTAGE	OPTICS	COLOR	STEM	OPTIONS	ACCESSORIES
24I 24N 24R 24S	70DMH 10DMH 15DMH 17DMH 175MH 175PM 250MH 250PM 25LMH 320PM 35LPM 400MH 400PM 40LMH 40LPM 40LMH 26CFL 42CFL 57CFL 457CFL 20DIN 30DIN 500IN	12 20 24 27 34 AV MT VT	C D L	C K W U	1 2 3 4 5 6 7 8 9 10 N X XS	AL CD-3 CD-4 CD-5 CD-6 CD-6 CDP-L5-15-3 CDP-L6-15-3 CDP-L7-15-3 CDP-L24-20-3 CU EM F1 F2 X LP HK	LAMP SMWG HOOK-455 LOOP-456

Distributions

Delphic (type30)



Spacing Criteria: 2.0



Catalog ordering information

STEP 1: LUMINAIRE MOUNTING

24N Non-ballasted	24I Integrally mounted	24S Surface mounted	24R Remote mounted 02454
--------------------------	-------------------------------	----------------------------	---------------------------------

Large L & D Optics:

24N - Non-ballasted Mount
Ballast Weight: > .45 kg (1 lbs)

24I - Integral Mount
Ballast Weight: 7 kg (16 lbs)

24S - Surface Mount
Ballast Weight: 7 kg (16 lbs)

24R - Remote Mount
Ballast Weight: > .45 kg (1 lbs)

Compact C Optics:

24I - Integral Mount
Ballast Weight: 3 kg (5 lbs)

24S - Surface Mount
Ballast Weight: 3 kg (5 lbs)

24R - Remote Mount
Ballast Weight: > .45 kg (1 lbs)

STEP 2: SOURCE AND WATTAGE

24N
Incandescent
20DIN² 200W
30DIN² 300W
500IN² 500W

24I, 24S
70DMH² 70W MH
10DMH² 100W MH
15DMH² 150W MH
17DMH² 175W MH, medium
175MH² 175W MH, mogul
250MH² 250W MH
400MH² 400W MH

Pulse Start
175PM² 175W MH, mogul
250PM² 250W MH
320PM² 320W MH
400PM² 400W MH

Energy saving ballast
25LMH² 250W MH
35LPM² 350W MH, pulse start
40LMH² 400W MH
40LPM² 400W MH, pulse start

Compact fluorescent
26CFL¹ 26W CFL
42CFL¹ 42W CFL
57CFL 57W CFL
457CFL (4) 57W CFL

24R
70DMH 70W MH
10DMH 100W MH
15DMH 150W MH (N/A with 347V)
17DMH² 175W MH, medium
175MH² 175W MH, mogul
250MH² 250W MH
400MH² 400W MH

Energy saving ballast
25LMH² 250W MH
40LMH² 400W MH

Compact fluorescent
26CFL¹ 26W
42CFL¹ 42W

1 Available with 120, 277 and 347 volt only
2 Large optic only

STEP 3: VOLTAGE

24N
12 120 Volt
20 208 Volt
24 240 Volt
27 277 Volt
34 347 Volt
MT Multi-Voltage (120 -277V)
AV³ Auto Sensing

24I
12 120 Volt
27 277 Volt
34 347 Volt
MT¹ Multi-Voltage (120 -177V)
VT² Vari-Tap (120, 277, 347V)
AV³ Auto Sensing

1 Available with 175, 250 or 400W only
2 Available with 250 or 400W in Canada only
3 Available with Compact Fluorescent only

STEP 4: OPTIC TYPE

Large
D Delphic bottom glass
L Large 02454

D Weight: 21 kg (45 lbs.)

Compact
C Compact 02454

C Weight: 13 kg (28 lbs.)

STEP 5: COLOR

K Black
C Copper
U Unfinished
W White

STEP 6: STEM

1 18" stem
2 48" stem
3¹ 96" stem
4^{2,5} 18" stem with 45° swivel
5^{2,5} 48" stem with 45° swivel
6^{2,3,5} 96" stem with 45° swivel
7 40" stem
8 26" stem
9 9" stem
10 3" stem
N⁴ No stem for 24N only
X⁴ Special length stem
XS⁴ Special length stem with swivel

1 Available with 175MH, 250MH, 25LMH, 400MH, 40LMH and all "24R" MH fixtures
2 For 24N and 24R only
3 Not available with compact fluorescent
4 Available in increments of 1"
5 Not available with 175PM, 250PM, 320PM, 35LPM, 400PM, 40LPM

STEP 7: OPTIONS

24I only
CD-3 3' cord only
CD-4 4' cord only
CD-5 5' cord only
CD-6¹ 6' cord only

NEMA 3' 3 conductor cord and plug
CDP-L5-15-3² 120V
CDP-L6-15-3² 208 and 240V
CDP-L7-15-3² 277V
CDP-L24-20-3² 347V

X³ Cord length beyond 3'
LP Loop, 3/4" male
HK Safety hook, 3/4" male

24I, 24S, 24R & 24N
F1⁴ Single fusing
F2⁵ Double fusing
EM⁶ Standby lighting fixture.
AL Aluminum cover
CU Copper cover

See page 58 for definitions
1 For length longer than 6', order through TSG
2 Order "PF" also. (Not available with "MT" or "VT")
3 X = number of feet
4 Not available with 24N
5 Not available with 70, 100, 150W 24R or 24N
6 Not available with 26CFL or 42CFL or 24N

STEP 8: ACCESSORIES

(Ships separately)
Lamp Appropriate lamp
SMWG Wire guard for "C" optics only
HOOK-455¹ Safety hook, 3/4" male
LOOP-456¹ Loop, 3/4" male

See page 59 for definitions
1 Available 24I only





L.L. Bean; Tysons Corner, Virginia

PGRL

The PGRL series is the original Prismatic Glass Reflector Luminaire. This product's heritage can be traced to the beginning of innovative lighting solutions. The glittering glass reflector is supported by steel rods attached to a slotted socket husk. This design creates a timeless image unequalled by cheap imitations.

The larger unit is available with two glass reflector choices depending upon desired dimensions and light distributions. The smaller optics are available in four shapes and sizes.

This fixture can also be ordered with an aluminum or copper cover over the prismatic glass reflector.

Both the aluminum and copper covers accentuate the modern industrial look with the metal's timeless appeal. The rich copper color emphasizes brass or copper detail elements in the decor.

Each version is available painted black, white, copper or unfinished.



Compact - 84
type30



Compact - 82/85/86
type30



Large - 92
type10



Large - 92
type30



Large - 40
type30

Applications



St. Therese Church; Sioux Falls, South Dakota



Dave and Buster's; Philadelphia, Pennsylvania



Harley-Davidson; Pueblo, Colorado



Typical Applications

- Retail stores
- Restaurants
- Office buildings
- Lobbies
- Schools
- Libraries

Features

- Superior prismatic glass performance
- Reflector/refractor combination provides unique design element
- Three optical choices to customize lighting designs

Lamp Types

- 70-400 watt metal halide, also available in pulse start, energy saving pulse start, incandescent, and compact fluorescent

Approvals

- UL/CUL 1598, damp location listing

Ordering Information

How to Construct a Catalog Number

Example:

PGI	400MH	12	92	U	1	CD-3	09230
1	2	3	4	5	6	7	8
LUMINAIRE	WATTAGE	VOLTAGE	OPTICS	COLOR	STEM	OPTIONS	ACCESSORIES
PGI PGN PGR PGS	70DMP 10DMP 15DMP 17DMP 175PP 175MP 250MP 250PP 25LMP 25LMP 320PP 35LPP 400MH 400LMH 400MP 40LMP 40LPM 400PM 400PP 40LPP 40LMP 26CFL 42CFL 57CFL 70CFL 457CFL 470CFL 30DIN 500IN	12 20 24 27 34 AV MT VT	40 82 84 85 86 92	C K W U	1 2 3 4 5 6 7 8 9 10 N X XS	AL CU ELB EM CD-3 CD-4 CD-5 CD-6 CDP-L5-15 CDP-L6-15 CDP-L7-15 CDP-L24-20 F1 F2 X LP HK	LAMP 0268 0256 09229 09230 HOOK-455 LOOP-456

Distributions 85 optics (type30)



Spacing Criteria: 1.9

Catalog ordering information

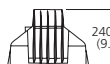
STEP 1: LUMINAIRE MOUNTING

PGI Integrally mounted
PGN Non-ballasted
PGR Remote mounted
PGS Surface mounted

Large
40, 92 Optics:



PGN - Non-ballasted Mount
Ballast Weight:
> .45 kg (1 lbs)



PGI - Integral Mount
Weight:
7 kg (16 lbs)



PGS - Surface Mount
Weight:
7 kg (16 lbs)



PGR - Remote Mount
Ballast Weight:
> .45 kg (1 lbs)

Compact
82, 84, 85,
86 Optics:



PGN - Non-ballasted Mount
Ballast Weight:
> .45 kg (1 lbs)



PGI - Integral Mount
Weight:
3 kg (5 lbs)



PGS - Surface Mount
Weight:
3 kg (5 lbs)



PGR - Remote Mount
Ballast Weight:
> .45 kg (1 lbs)

STEP 2: SOURCE AND WATTAGE

PGN
Incandescent
30DIN² 300W Inc.
500IN² 500W Inc.

PGI, PGS
70DMP 70W MH
10DMP 100W MH
15DMP 150W MH
17DMP² 175W MH, medium
175MP² 175W MH, mogul
250MP² 250W MH
400MH 400W MH
400MP² 400W MH
Pulse Start
175PP² 175W MH, mogul
250PP² 250W MH
320PP² 320W MH
400PM² 400W MH, protected
400PP

Energy saving ballast
25LMP² 250W MH
35LPP² 350W MH, pulse start
40LMH² 400W MH
40LPM² 400W MH, pulse start
400LPP 400W MH, protected

Compact fluorescent
26CFL¹ 26W CFL
42CFL¹ 42W CFL

PGR
70DMP 70W MH
10DMP 100W MH
15DMP 150W MH (N/A with 347V)
17DMP² 175W MH, medium
175MP² 175W MH, mogul
250MP² 250W MH
400MH² 400W MH
400MP 400W MH, protected

Energy saving ballast
25LMP² 250W MH
40LMH² 400W MH
400LMP 400W MH, low loss protected

Compact fluorescent
26CFL¹ 26W CFL
42CFL¹ 42W CFL

1 Available with 120, 277 and 347 volt only
2 Large optic only

STEP 3: VOLTAGE

PGN
12 120 Volt
20 208 Volt
PGI, PGS
12 120 Volt
20 208 Volt
24 240 Volt
27 277 Volt
34 347 Volt
AV³ Auto sensing
MT Multi-Voltage (120 -277V)

PGR
12 120 Volt
27 277 Volt
34 347 Volt
AV³ Auto sensing
MT¹ Multi-Voltage (120 -177V)
VT² Vari-Tap (120, 277, 347V)

1 Available with 175, 250 or 400W only
2 Available with 250 or 400W only
3 Available with Compact Fluorescent only

STEP 4: OPTIC TYPE

Large
40 6640 Reflector
92 6692 Reflector

40 Weight: 16 kg (35 lbs)
92 Weight: 16 kg (35 lbs)

Compact
82 6582 Reflector
84 6584 Reflector
85 6585 Reflector
86 6586 Reflector

82/85/86 Weight: 11 kg (25 lbs)
84 Weight: 11 kg (25 lbs)

1 Available with 15DMP and below only
2 Available with 30DIN, 26CFL and 46CFL only

STEP 5: COLOR

K Black
C Copper
U Unfinished
W White

STEP 6: STEM

1 18" stem
2 48" stem
3¹ 96" stem
4^{2,5} 18" stem with 45° swivel
5^{2,5} 48" stem with 45° swivel
6^{2,3,5} 96" stem with 45° swivel
7 40" stem
8 26" stem
9 9" stem
10 3" stem
N⁴ No stem for 24N only
X⁴ Special length stem
XS⁴ Special length stem with swivel

1 Available with 175MH, 250MH, 25LMH, 400MH, 40LMP and all "PGR" MH fixtures
2 For PGN and PGR only
3 Not available with compact fluorescent
4 Available in increments of 1"
5 Not available with 175PM, 250PM, 320PM, 35LPM, 400PM, 40LPM

STEP 7: OPTIONS

F1 Single fusing
F2 Double fusing
ELB Electronic ballast
EM Standby lighting fixture
AL Aluminum cover
CU Copper cover

PGI only
CD-3 3' cord only
CD-4 4' cord only
CD-5 5' cord only
CD-6 6' cord only

NEMA 3' 3 conductor cord and plug
CDP-L5-15 120V
CDP-L6-15 208 and 240V
CDP-L7-15 277V
CDP-L24-20 347V

X Cord length beyond 3'
LP Loop, 3/4" male
HK Safety hook, 3/4" male

1 Order "PF" also. (N/A with "MT" or "VT")
2 Not available with 24N
3 Not available with 70, 100, 150W PGR or PGN

STEP 8: ACCESSORIES

(Ships separately)
Lamp
0268 Wire guard, 6584 optics
0256 Wire guard, 6582, 6585 and 6586
09229 Wire guard, 6640 optics
09230 Wire guard, 6692 optics
HOOK-455¹ Safety hook, 3/4" male
LOOP-456¹ Loop, 3/4" male

1 PGI only







Paradome®

The Paradome luminaire from Holophane combines softened direct illumination with an indirect component to provide the ideal photometric curve. Texture, form and definition are accurately profiled with this type of light distribution.

The simple uncluttered profile of the Paradome luminaire blends well with contemporary or traditional interiors. Standard finish of the metal components is white polyester powder paint. Special finishes are also available.

Available with HID, CFL, or incandescent lamp sources, the Paradome luminaire is an outstanding complementary design element for most interiors.



type30

REI: Concord, California

Applications



Hudson Library, Hudson, Ohio



Nebraska Humane Society; Omaha, Nebraska



Western Heritage Museum; Omaha, Nebraska



Typical Applications

- Retail stores
- Restaurants
- Office buildings
- Lobbies
- Schools
- Libraries

Features

- Concave bottom refractor provides lamp concealment
- Borosilicate glass reflector illuminates ceiling and reduces cavern effect
- Glass optics retain visual clarity over time
- Clean, finished appearance on ceiling

Lamp Types

- 50-175 watt metal halide, also available in pulse start, energy saving pulse start
- 70-150 watt high pressure sodium
- 150 watt incandescent
- 15 - 26 watt compact fluorescent

Approvals

- UL/CUL 1598, damp location listed

Ordering Information

How to Construct a Catalog Number


Example:

PM	10DMH	12	36	EM	F1
1	2	3	4	5	6
LUMINAIRE	WATTAGE	VOLTAGE	STEM LENGTH	OPTIONS	ACCESSORIES
PM	50DMH 70DMH 10DMH 15DMH 17DMH 50DWS 10DWS 70DHP 10DHP 15DHP 18CFL 26CFL 15DIN	12 27 34	15 24 36 48 XX	EM ER N C	LAMP F1

Catalog number information

STEP 1: LUMINAIRE

PM Paradome



Weight: 11 kg. (25 lbs.)

Prismatic glass enclosure is secured by torsion springs

STEP 2: SOURCE AND WATTAGE

Metal halide

50DMH 50W MH
70DMH 70W MH
10DMH 100W MH
15DMH 150W MH (N/A with 347V)
17DMH 175W MH

High pressure sodium

70DHP 70W HPS
10DHP 100W HPS
15DHP 150W HPS
50DWS¹ 50W WhiteSON HPS
10DWS¹ 100W WhiteSON HPS

Compact fluorescent

18CFL 18W CFL (120V only)
26CFL 26W CFL

Incandescent

15DIN 150W Inc. (120V only)

¹ (120V only, 381 mm (15.0" stem only)
WhiteSON is a trademark of Philips Lighting Company

STEP 3: VOLTAGE

12 120 Volt
27 277 Volt
34 347 Volt

STEP 4: STEM LENGTH

15 381mm (15.0")
24 610mm (24.0")
36 914mm (36.0")
48 1219mm (48.0")

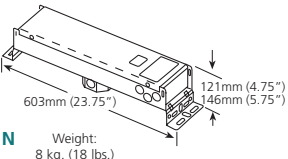
STEP 5: OPTIONS

EM Standby lighting fixture, supplied with 150 watt tungsten halogen lamp for 175MH and 150HPS; 100 watt for all others; not available with 50-70MH, 70HP, CFL, or INC.

ER Emergency lighting fixture less relay, supplied with 150 watt tungsten halogen lamp for 175MH and 150HPS; 100 watt for all others; not available with 50-70MH, 70HP, CFL, or INC.

N Remote ballast mounting bracket and outlet box enclosure for attachment to wall or ceiling (NA with 15DIN)

C Safety cable (inside stem)



N Weight: 8 kg. (18 lbs.)

STEP 6: ACCESSORIES

Lamp¹ Appropriate lamp
F1² Single fuse assembly

See page 58 for definitions

¹ Lamp supplied with fixture — use vertical burn MH for highest lumen output
² 120, 277 or 347 volt

Distributions

Paradome (type30)



Spacing Criteria: 1.3





PrismGlo®

Commercial, retail and educational spaces share many of the same lighting requirements. A wide variety of visual tasks take place within the same environment. Variable ceiling types and heights are used to define form and function. Both horizontal and vertical tasks require perfectly balanced illumination.

The PrismGlo luminaire has many distinctive features. Unique shape, multiple distributions, low brightness and high angle light are just a few design features making the PrismGlo luminaire one of a kind.



*Athena®
type50*



*Aurora®
type50*



*Delphic®
type50*



*Electra®
type50*



*Mentor®
type50*

Johnson County Library; Shawnee, Kansas

Applications



Frontiers of Flight Museum; Dallas, Texas



HomePlace; Worthington, Ohio



Miami Valley Career Tech Center; Dayton, Ohio



Typical Applications

- Retail stores
- Supermarkets
- Malls
- Restaurants
- Office buildings
- Lobbies
- Schools
- Libraries
- Museums





PrismGlo® | Large

Interior design of commercial space continues to evolve. Open space and open ceiling offices require illumination of horizontal writing surfaces, catalogs, computers and charts. The uplight component from PrismGlo reflects off ceilings into offices without being cut-off by partitions while the horizontal component provides the illumination needed for exacting visual tasks.

Retail lighting presents a complex challenge. A stylish and inviting setting is needed, while maintaining effective visibility of merchandise. Color, texture, form and quality must be effectively illuminated to increase sales. Information such as prices, instructions, contents and sizes must be easily seen on signs, labels, tags, shelves and walls. PrismGlo luminaire's unique lighting has been proven in many successful installations to improve sales.

Features

- Decorative shapes complement interior design
- Emphasizes merchandise appearance
- Balanced horizontal and vertical illumination
- High efficiency with reduced glare
- Variety of mounting methods
- Uplight/downlight enhances
- Fully luminous environments

Lamp Types

- 175-400 watt metal halide and high pressure sodium, also available in compact fluorescent, pulse start and energy saving ballast

Approvals

- UL/CUL 1598, damp location listing



Athena®
type50



Aurora®
type50



Delphic®
type50

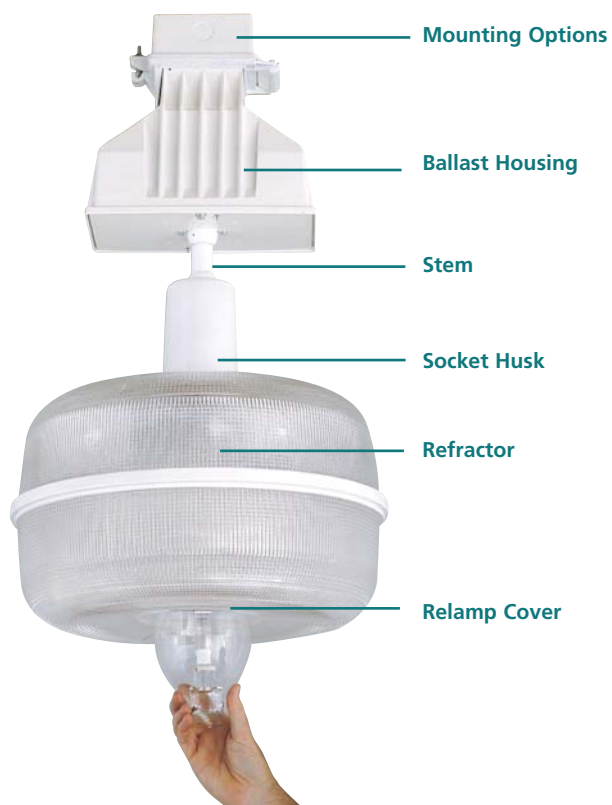


Electra®
type50



Mentor®
type50

Product Features



LUMINAIRE MOUNTINGS

INTEGRAL



INTEGRAL BL2C, BL2D

INTEGRAL BL2K



CFL ONLY

1 Die cast aluminum housing: Corrosion resistant white polyester powder paint fixture, UL listed as a recessed non-type IC marked spacing for use in 25°C ambients, (see page 9 for required minimum spacing), energy efficient copper wound ballast with thermal overload protector.

2 Optional quick disconnect: Listed per UL-1059, Terminal Blocks and UL-98, Enclosed and Dead Front Switches, permitting luminaire to be disconnected while under load; branch circuit wiring can be electrically installed and tested before luminaire is in place.

3 Ballast: High power factor copper wound ballast is tested and mounted with capacitors to provide full lamp wattage

OPTIC CHOICES

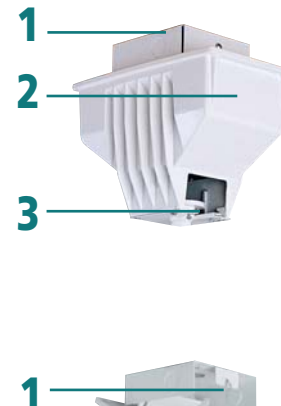
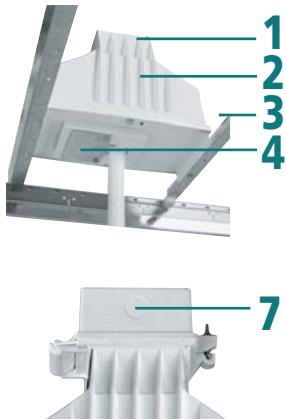




RECESSED BL2B

REMOTE BL2E, BL2F, BL2G

SURFACE BL2A



- 1 Quick install wiring cover:** Pre-drilled for DN20NPT (.75") conduit connection, slides on and mates with electrical splice chamber cover.
- 2 Die cast aluminum housing:** Corrosion resistant white polyester powder paint fixture, UL listed as a recessed non-type IC marked spacing for use in 25°C ambients, (see page 9 for required minimum spacing), energy efficient copper wound ballast with thermal overload protector.
- 3 Grid ceiling mounting rails:** Positions housing and optics between tee bar runners.
- 4 Integral swivel plate:** Provides a 15° motion in a 360° plane for sloped ceilings of 15° or less, fast connection to, and support of, stem and optical assembly.
- 5 Canopy:** Provides finished appearance at junction of ceiling tile and stem.

- 6 Stem connection:** White pipe of various lengths support optics at specified mounting height.
- 7 Optional quick disconnect:** Listed per UL-1059, Terminal Blocks and UL-98, Enclosed and Dead Front Switches, permitting luminaire to be disconnected while under load; branch circuit wiring can be electrically installed and tested before luminaire is in place.
- 8 Remote ballast:** Heavy duty steel housing, with white polyester paint, contains two wiring chambers, knock-outs and integral mounting feet.
- 9 High efficiency electrical components:** Low noise, potted, copper wound core and coil assembly, capacitor, starter board, and emergency relay designed for remote mounting from 15m (50') to 140m (455') feet from the luminaire.

- 1 Quick install box:** Ballast housing hinges from throughway (or concealed) wiring box for quick labor saving installation and fast maintenance.
- 2 Die cast aluminum housing:** Corrosion resistant white polyester powder paint, UL listed 40°C damp location, energy efficient copper wound ballast.
- 3 Integral swivel plate:** Provides 15° motion in a 60° plane for mounting on sloped ceilings of 15° or less.



Product Features

PrismGlo® | Large



1 Luminaire Mounting

2 Source and Wattage

3 Voltage

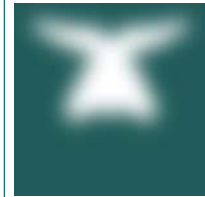
6 Options

5 Stem Length

7 Accessories

4 Optic Type

Distributions Athena optics



Spacing Criteria: 1.5

Catalog number information

STEP 1: LUMINAIRE MOUNTING

BL2A Surface mount ballast
BL2B¹ Recessed mount ballast
BL2C Integral ballast - 55°C
BL2D Integral ballast - 65°C
BL2E² Remote ballast (MT and 480V only)
BL2F Remote mount ballast
BL2G Remote mount ballast
BL2K Integral ballast - 40°C

1 (120, 277 and 347V only)
 2 (Not available with pulse start lamps)

BL2A - Surface Mount
Ballast Weight: 7 kg (16 lbs)

BL2B - Recessed Mount
Ballast Weight: 7 kg (16 lbs)

STEP 1: LUMINAIRE ... Continued

BL2C/BL2D - Integral Mount
Ballast Weight: 7 kg (16 lbs)

BL2E/BL2F/BL2G - Remote Mount
Ballast Weight: > .45 kg (1 lbs)

BL2K - Integral Mount
Ballast Weight: 6.8 kg (15 lbs)

STEP 2: SOURCE AND WATTAGE

250HP² 250W HPS
400HP 400W HPS
40RHP³ 400W HPS, mag. reg.
175MH 175W MH and MV
250MH 250W MH and MV
250MP 250W, MH, open fixture lamp
400MH 400W MH and MV

Energy Saving Ballast
25LHP² 250W HPS
40LHP 400W HPS
25LMH 250W MH
25LMP 250W, MH, open fixture lamp
40LMH 400W MH and MV

Pulse Start
175PM⁴ 175W MH
250PM⁴ 250W MH
320PM¹ 320W MH
320PP¹ 320W MH, open fixture lamp
400PM⁵ 400W MH

Pulse Start, Energy Saving Ballast
250PP⁴ 250W MH, open fixture lamp
25LPM 250W MH, open fixture lamp
25LPP 250W MH, open fixture lamp
35LPM¹ 350W MH
35LPP¹ 350W MH, open fixture lamp
40LPM⁵ 400W MH
457⁷ (4) 57W CFL
470⁷ (4) 70W CFL

Incandescent
500IN⁶ 500W

1 Not available with BL2B or BL2E
 2 Not available with BL2A or BL2C
 3 Not available with BL2A, BL2B or "MT"
 4 Not available with BL2B
 5 Not available with BL2B or BL2E; stem lengths less than 48"
 6 Available with BL2E only, 120V only
 7 Available with BL2K only

STEP 3: VOLTAGE

12¹ 120 volt
20² 208 volt
24² 240 volt
27¹ 277 volt
34¹ 347 volt
48³ 480 volt
AV⁴ Auto sensing
NB No ballast
MT³ Multi-voltage (120- 277V)
VT³ Vari-tap (120, 277, 347V)

1 Not available with BL2E
 2 Not available with BL2B, BL2E
 3 Not available with BL2B
 4 Available with BL2K, CFL only

STEP 4: OPTICS TYPE

R Athena PrismGlo, 60% up/40% down
J Athena PrismGlo, 40% up/60% down

A Aurora PrismGlo, 50% up/50% down

Ordering Information

How to Construct a Catalog Number

Example:

1	2	3	4	5	6	7
LUMINAIRE	WATTAGE	VOLTAGE	OPTICS	STEM LENGTH	OPTIONS	ACCESSORIES
BL2A BL2B BL2C BL2D BL2E BL2F BL2G BL2K	175MH 175PM 250HP 250MH 250MP 25LMH 25LMP 250PM 250PP 35LPM 35LPP 35EPM 400HP 40RHP 400MH 40LHP 40LMH 400PM 40EPM 40LPM 457 470 500IN	12 20 24 27 34 48 AV NB MT VT	A C D E H J L M R W	1 2 3 4 5 X	EM ER N Q CD-3 CD-4 CD-5 CD-6 CDP-L5-15-3 CDP-L2-15-3 CDP-L7-15-3 CDP-L24-20-3 CDP-L8-20-3 F1 F2 HFW PS R1 R2 LP HK PF-129 PF-291 PHCB PHCB-L8-480	LOOP-456 PF-116-A HOOK-455 PF-122-A PF-129-A PF-291-A UPH-35-XXX-WH UPH-35-L8-480-WH UPH-36-XXX-WH UPH-36-L8-480-WH LAMP F1 F2 09205 09206 WCGC



STEP 4: OPTICS ... Continued

D Delphic PrismGlo, 50% up/50% down

 Weight: 13.9 kg. (31 lbs.)

E Electra PrismGlo, 50% up/50% down

 Weight: 14.8 kg. (33 lbs.)

M Mentor PrismGlo, 50% up/50% down, 250W max.

 Weight: 13.8 kg. (31 lbs.)

STEP 5: STEM LENGTH

For BL2A, BL2B, and BL2E

1	229mm (9")
2	381mm (15")
4	508mm (20")
5	660mm (26")
6 ⁵	1016mm (40")
X ⁴	Special length

For BL2C and BL2D

3	76mm (3") factory installed
X ⁴	Special length

1 Available with 250HP, 400HP, 250MH, and 400MH only
 2 Not available with 175MH, 250MH and 25LMH
 3 Available with BL2C and BL2D only
 4 Insert appropriate stem length (No.) in top catalog number. Available in increments of 25mm (1") nominal
 5 Available with BL2K only

STEP 6: OPTIONS

Mounting Options for BL2B, BL2C, BL2D

Q Quick disconnect power hanger for pendant, thru-way wiring
N Non-disconnect, pendant and thru-way wiring

Options for BL2C and BL2D

LP ²	Loop, male
HK ²	Safety hook, male
PF-129 ²	Anti-rotational hook, male
PF-291 ²	Universal gasketed hook assembly, male
PHCB ^{3,7}	Power-hook cord
PHCB-L8-480 ^{3,7}	Power-hook cord
CD-3 ⁴	3' Cord only
CD-4 ⁴	4' Cord only
CD-5 ⁴	5' Cord only
CD-6 ⁴	6' Cord only

STEP 6: OPTIONS ... Continued

3 conductor 3' cord and NEMA plug

CDP-L5-15-X ⁵	120V 914mm
CDP-L6-15-X ⁵	208/240V 914mm
CDP-L7-15-X ⁵	277V 914mm
CDP-L24-20-X ⁵	347V 914mm
CDP-L8-20-X ⁵	480V 914mm

HFW Holoflex® flexible wiring

For BL2C only

EM	Standby lighting fixture
ER	Emergency lighting fixture
F1 ⁶	Single fuse assembly
F2	Double fuse assembly
PS ⁶	HPS protected starter
09160-X	Safety chain for BL2A, BL2B, BL2C, BL2D, and BL2K.
R1 ⁸	Plastic Relamp Plate.
R2 ⁹	Plastic Relamp Plate.

See page 58 for definitions

- Not available with "CDP", "PHCB", "PF", "ER"
- Not available with "Q"
- Use with "UPH-35-XXX-WH" or "UPH-36-XXX-WH". Not Available with "MT", "ER", or "Q"
- For length longer than 6 ft handle through TSG.
- Order "PF" also) X = no. of feet. 3' std length
- Not available with BL2E
- Special configuration plug cap and "PF-105" loop attached
- Only available with R, J, M and D optics
- Only available with A and E optics

STEP 7: ACCESSORIES

(shipped separately)

LAMP Appropriate HID lamp supplied with fixture

F1³ Single fuse assembly
F2⁴ Double fuse assembly

BL2A-CO Decorative ballast cover for BL2A units only.

09205 Plastic relamp plate for Athena, Mentor, Delphic
 Plastic relamp plate for Aurora, Electra

09206 Plastic relamp plate for BL2C and BL2D only

LOOP-456¹ Loop, male
PF-116-A¹ Loop, female
HOOK-455¹ Safety hook, male
PF-122-A¹ Safety hook, female
PF-129-A¹ Anti-rotational hook, male
PF-291-A¹ Universal gasketed hook assembly male

UPH-35-XXX-WH² Thru-way power-hook

UPH-35-L8-480-WH² Thru-way power-hook

UPH-36-XXX-WH² Pendant power-hook

UPH-36-L8-480-WH² Pendant power-hook

Note: For applications where the luminaire may be subject to impact, the plastic relamp plate is required.

See page 59 for definitions

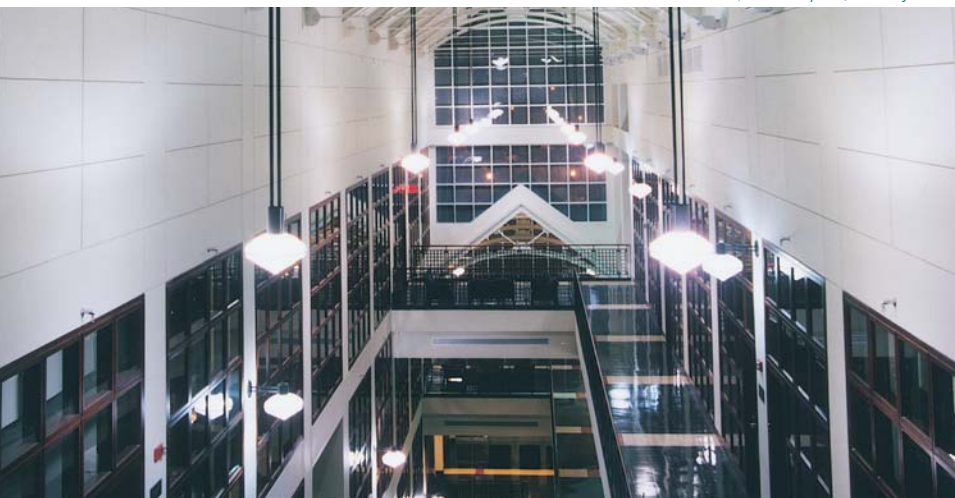
- Not available with "Q"
- Order "PHCB" with fixture; all fixtures except "MT", "ER", or "Q". Insert voltage for XXX.
- For 120, 240, 277, or 347 volt (BL2E only)
- For 208, 240, or 480 volt (BL2E only)



San Antonio's Visitor Center; San Antonio, Texas



Dave and Buster's; Philadelphia, Pennsylvania



University of Dayton, Law School; Dayton, Ohio



Typical Applications

- Retail stores
- Malls
- Restaurants
- Lobbies
- Schools
- Libraries

Features

- Decorative shapes complement interior design
- Uplight/downlight enhances merchandise appearance
- Balanced horizontal and vertical illumination
- High efficiency with reduced glare
- Variety of mounting methods
- Fully luminous environments

Lamp Types

- 175-400 watt metal halide and high pressure sodium, also available in pulse start, energy saving ballast, and 500 watt incandescent

Approvals

- UL/CUL 1598 damp location listing

Ordering Information

How to Construct a Catalog Number

Example:

1
LUMINAIRE
BL2H

2
WATTAGE
175MH
200HP
250HP
250MH
25LHP
25LMH
400HP
400MH
40LHP
40LMH
500IN

3
VOLTAGE
48
MT
NB

4
OPTICS
A
D
E
J
M
R

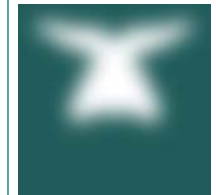
5
MOUNTINGS
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
25
26
27

6
OPTIONS
EM
ER
R1
R2

7
ACCESSORIES
09205
09206
F1
F2
LAMP



Distributions Athena optics



Spacing Criteria: 1.5

Catalog number information

STEP 1: LUMINAIRE
BL2H Enhanced PrismGlo, remote ballast
<i>Standard color is white</i>
STEP 2: SOURCE AND WATTAGE
200HP 200W HPS
250HP 250W HPS
400HP 400W HPS
175MH 175W MH and MV
250MH 250W MH and MV
400MH 400W MH and MV
Energy Saving Ballast
25LHP 250W HPS
40LHP 400W HPS
25LMH 250W MH and MV
40LMH 400W MH and MV
Incandescent
500IN 500W, BL2H, 120V only
STEP 3: VOLTAGE
MT Multi-voltage for 120, 208, 240 and 277V
NB No ballast
48 480V
STEP 4: OPTIC TYPE
R Athena, 60% up/ 40% down
J Athena, 40% up/ 60% down
A Aurora, 50% up/ 50% down
D Delphic, 50% up/ 50% down
E Electra, 50% up/50% down
M Mentor, 50% up/ 50% down, 250W max
See page 38-39 for details

STEP 5: MOUNTING OPTIONS
Four Rod Pendant
6 Recessed, 305mm (12")
7 Recessed, 610mm (24")
8 Recessed, 914mm (36")
9 Surface, 305mm (12")
10 Surface, 610mm (24")
11 Surface, 915mm (36")
12 Swivel, 305mm (12")
13 Swivel, 610mm (24")
14 Swivel, 914mm (36")
15 ¹ Recessed, special length
16 ¹ Surface, special length
17 ¹ Swivel, special length
¹ Available in increments of 25mm (1") nominal
(Swivel)
Wall Mount
18 Rods, 457mm (18")
19 Extrusion, 457mm (18")

STEP 5: MOUNTING ... Continued
Double Chandelier
20 Rods, 660mm (26") stem length
21 Extrusion, 660mm (26") stem length
22 Rods, special stem length
23 Extrusion, special stem length
Quad

STEP 5: MOUNTING ... Continued
Quad Chandelier
24 Rods, 660mm (26") stem length
25 Extrusion, 660mm (26")
26 Rods, special stem length
27 Extrusion, special stem length
See photo below
STEP 6: OPTIONS
EM Standby lighting fixture
ER Emergency lighting fixture
R1 Plastic relamp plate
R2 Plastic relamp plate
See page 58 for definitions
STEP 7: ACCESSORIES
<i>(shipped separately)</i>
LAMP Appropriate HID lamp supplied with fixture
F1 ³ Single fuse assembly
F2 ⁴ Double fuse assembly
BL2A-CO Decorative ballast cover for BL2A units only.
09205 Plastic relamp plate for Athena, Mentor, Delphic
09206 Plastic relamp plate for Aurora, Electra
See page 59 for definitions



Cox Cable; Spokane, Washington



Sports Chalet; Irvine, California



Chico's; Tampa, Florida



Typical Applications

- Retail stores
- Specialty stores
- Malls
- Restaurants
- Office buildings
- Lobbies
- Schools
- Libraries
- Museums

PrismGlo® | Compact

Similar to the large PrismGlo fixture, compact luminaire applications include retail, commercial, schools, offices and other applications where decorative, high performing luminaires are desired. Available in the same optics styles as the large PrismGlo, these fixtures perfectly complement their large counterparts enabling a continuous theme through a design space. Multiple ceiling heights or design spaces can be addressed with a similar styled luminaire.

Features

- Decorative shapes complement interior design
- Uplight/downlight enhances merchandise appearance
- Balanced horizontal and vertical illumination
- High efficiency with reduced glare
- Variety of mounting methods
- Fully luminous environments

Lamp Types

- 70-175 watt metal halide and high pressure sodium, compact fluorescent, and also available in pulse start and energy saving ballast

Approvals

- UL/CUL, 1598 damp location listing



*The Athena®
type50*



*The Aurora®
type50*



*The Delphic®
type50*



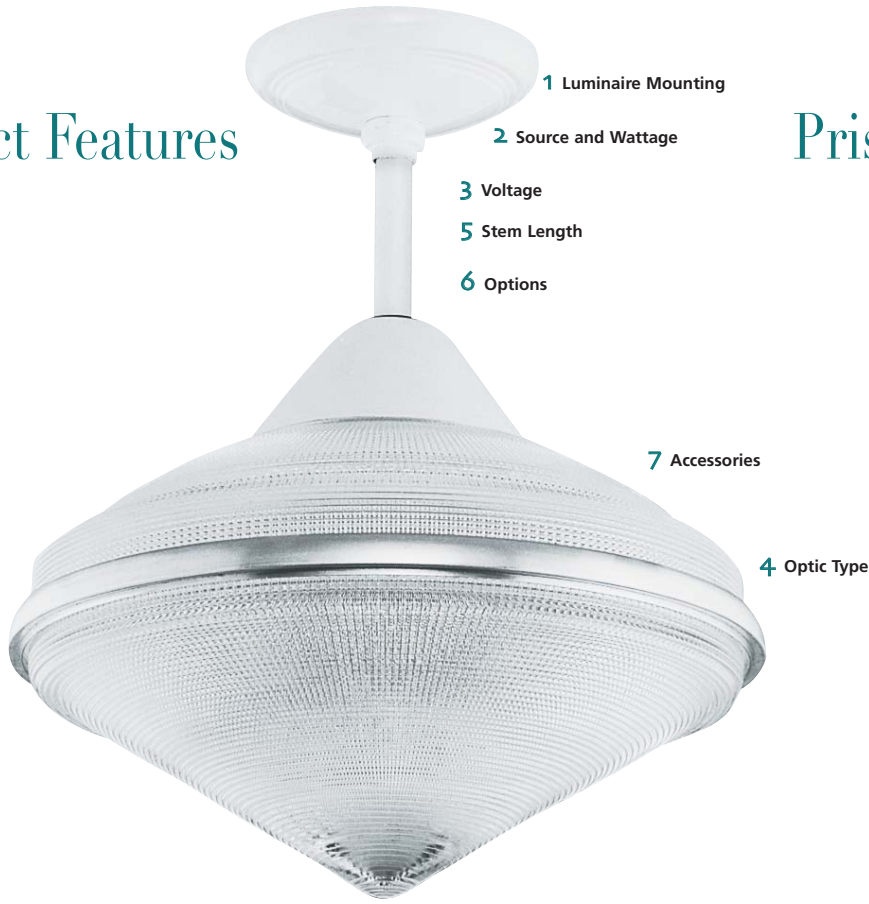
*The Electra®
type50*



*Mentor®
type 50*

Product Features

PrismGlo® | Compact



Distributions
Athena optics

Spacing Criteria: 2.2



Integral Ballast

- 1 Variety of mounting options:** pendant for DN20NPT (.75") conduit, hooks and loops, or ceiling mount.
- 2 Die cast aluminum housing:** corrosion resistant white polyester powder finish, C/UL/US listed 40°C, dry locations, and energy efficient copper wound ballast.
- 3 Die cast aluminum optical support cover** with corrosion resistant white polyester powder finish.
- 4 Stem connection:** 10mm (.38") white pipe of various lengths positions optics at specified mounting height. The stem and optics are C/UL/US listed and listed per UL 1598 for damp location.
- 5 Slide on socket cover** over relamping cable, socket husk and twist/turn support castings.
- 6 Refractor:** low brightness prismatic glass refractor with wide spacing criteria and 55 or 60% downlight.



Recessed Remote

- 1 UL-1029 and 935 40°C listed ballast** for remote mounting and recessing in grid ceilings with positioning legs, knockouts, ballast wiring chamber and optical support box.
- 2 Octagonal box with optical swivel support bracket** and wiring chamber.
- 3 Decorative cover** finishes off hole in ceiling tile.
- 4 Stem connection:** 10mm (.38") white pipe of various lengths positions optics at specified mounting height. The stem and optics are C/UL/US listed per UL 1598 for damp location.
- 5 Slide-on socket cover** over relamping cable, socket husk and twist/turn support castings.
- 6 Refractor:** low brightness prismatic glass refractor with wide spacing criteria and 55 or 60% downlight.

Ordering Information

How to Construct a Catalog Number

Example:

PAB	10DMH	12	A	U	EM	F1
1	2	3	4	5	6	7
LUMINAIRE	WATTAGE	VOLTAGE	OPTICS	STEM LENGTH	OPTIONS	ACCESSORIES
PAB PAC	50DMH 50DWS 70DHP 70DMH 10DMH 10DWS 10DHP 15DHP 15DMH 17DMH 18QFL 26QFL 23EFL 42CFL 57CFL 15DIN	12 20 24 27 34 AV MT	A D E J M	1 2 X	EM ER N C PS LP HK PF-129 PF-291 PHCB PHCB-L8-480 CDP-L5-15-3 CDP-L2-15-3 CDP-L7-15-3 CDP-L24-20-3 CDP-L8-20-3 HFW	LAMP F1 F2 CE LOOP-456 HOOK-455 HOOK-455 PF-129-A PF-291 UPH-35-XXX-WH UPH-36-XXX-WH UPH-36-L8-480 09189

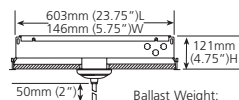


Catalog number information

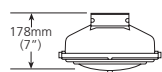
STEP 1: LUMINAIRE MOUNTING

PAB Recessed/remote ballast, UL Listed 1029 and 935, 40°C dry location, stem and optic UL listed 1598 damp location

PAC Integral ballast, 40°C, UL Listed 1598 damp location. CSA Certified



PAB Ballast Weight: 9 kg. (20 lbs.)



PAC Ballast Weight: 13.6 kg. (30 lbs.)

STEP 2: SOURCE AND WATTAGE

PAB only

50DMH 50W MH

Fluorescent

18CFL 18W CFL

26CFL 26W CFL

Incandescent

15DIN 150W incandescent, 120 volt only

PAB and PAC

70DHP 70W HPS

10DHP 100W HPS

150HP 150W HPS

70DMH 70W MH

10DMH 100W MH

15DMH 150W MH, not available for 347V

17DMH 175W MH

PAC only

42CFL 42W CFL

57CFL 57W CFL

All HID lamps are medium base socket

STEP 3: VOLTAGE

12 120 volt

20¹ 208 volt

24¹ 240 volt

27 277 volt

34 347 volt (Canada)

48¹ 480 volt

AV² Auto Sensing

MT¹ Multi-voltage for 120, 208, 240, and 277 volt

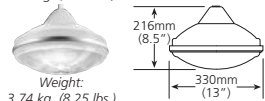
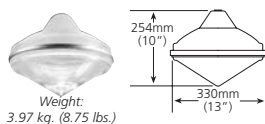
1 Not available in PAB
2 Only available with Compact Fluorescent

STEP 4: OPTIC TYPE

40% up / 60% down

A Aurora PrismGlo

M Mentor PrismGlo

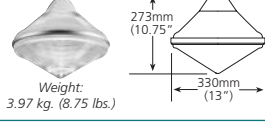
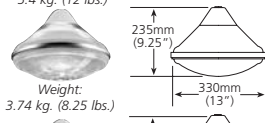


45% up / 55% down

J Athena PrismGlo

D Delphic PrismGlo

E Electra PrismGlo



STEP 5: STEM LENGTH

1 127mm (5")

2 381mm (15")

X Special length (available in increments of 25mm (1") nominal)

STEP 6: OPTIONS

EM Standby lighting fixture

ER Emergency lighting fixture

PAB only

N Remote mounting brackets; all fixtures except 15DIN.

C Hidden safety cable for optical assembly.

PAC only

PS HPS protected starter

LP Loop, male

HK Safety hook, male

PF-129 Anti-rotational hook, male

PF-291 Universal gasketed and hook assembly, male

PHCB Power-hook cord

PHCB-L8-480 (480V) Power-hook cord, use with "UPH-35-L8-480-WH" or "UPH-36-L8-480-WH" on 480 volt units only; all fixtures except "ER"

3', 3 conductor cord and NEMA plug

CDP-L5-15-3¹ 120V 914mm,

CDP-L6-15-3¹ 208/240V 914mm

CDP-L7-15-3¹ 277V 914mm

CDP-L24-20-3¹ 347V 914mm, (order "PF" also)

CDP-L8-20-3¹ 480V 914mm, (order "PF" also); all fixtures except "ER"

HFW Holoflex® flexible wiring

See page 58 for definitions

1 Order "PF" also; all fixtures except "ER" and "MT"

STEP 7: ACCESSORIES

LAMP Appropriate HID lamp supplied with fixture

F1 Single fuse assembly for 120, 277 and 347 volt

PAC only

F2 Double fuse assembly

CE Ceiling mounting kit

LOOP-456 Loop, male

PF-116-A Loop, female

HOOK-455 Safety hook, male

PF-122-A Safety hook, female

PF-129-A Anti-rotational hook, male

PF-291 Universal gasketed and hook assembly, male

UPH-35-XXX-WH¹ Thru-way power-hook (order "PHCB" with fixture); all fixtures except "MT" and "ER"

UPH-35-L8-480-WH (480V) Thru-way power-hook (order "PHCB-L8-480" with fixture); all fixtures except "ER"

UPH-36-XXX-WH¹ Pendant power-hook (order "PHCB" with fixture); all fixtures except "MT" and "ER"

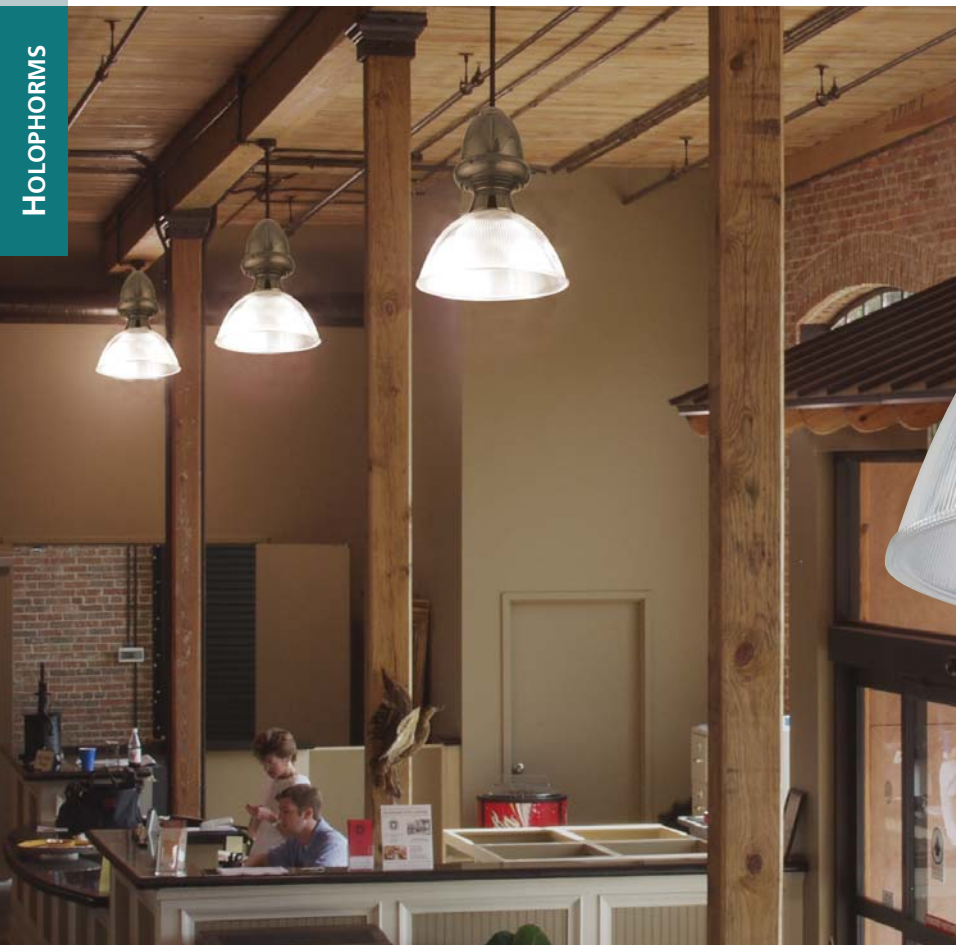
UPH-36-L8-480 (480V) Pendant power-hook (order "PHCB-L8-480" with fixtures); all fixtures except "ER"

09189-X Safety chain to ballast housing.

Note: For applications where the luminaire may be subject to impact, the plastic relamp plate is required.

See page 59 for definitions

1 Insert voltage for "XXX". (120, 208, 240, 277, 347V)



Typical Applications

- Retail stores
- Restaurants
- Lobbies
- Schools

Features

- Open and enclosed optics
- Nine standard paint finishes as well as custom colors
- Two different optical mounting methods

Lamp Types

- 70-400 watt metal halide, also available in pulse start, and energy saving pulse start
- 26- (2) 57 watt compact fluorescent

Approvals

- UL/CUL

Ordering Information

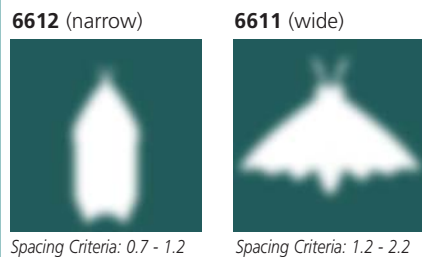
How to Construct a Catalog Number

Example:

ILB	70DMH	12	N	H	O	W	H	F1
1	2	3	4	5	6	7	8	9
MOUNTING	WATTAGE	VOLTAGE	OPTICS	OPTICAL MTG.	CONFIGURATION	FINISH	OPTIONS	ACCESSORIES
ILB	70DMH 70DEM 70DMP 10DMH 10DEM 10DMP 15DMH 15DEM 15DMP 175MH 17DMH 17DMP 175MP 175PM 250MH 250MP 250PM 320PM 320PP 350PM 350PP 35EPM 35EPP 400MH 40EPM 40EPP 400MP 400PM 400PP 470CFL 657CFL 257CFL 270CFL 112CFL	12 20 24 27 34 MT VT	N W	H G	O E	C K L W	EM F1 F2 HFW H CDP-L5-15-X-PT CDP-L6-15-X-PT CDP-L7-15-X-PT CDP-L24-20-X-PT C3 C6 C1 CD-3-PT CD-4-PT CD-5-PT CD-6-PT PF-396 PF-397	0277 09269 09270 09267 09268 09274 09275 F1 F2 LAMP PF-396-ACC PF-397-ACC ILCHAIN3 ILCHAIN6 ILCHAIN10



Distributions



Catalog number information

STEP 1: MOUNTING	
ILB Integral mount	
STEP 2: SOURCE AND WATTAGE	
Medium Base	
70DMH	70W MH
70DMP	70W MH, protected
10DMH	100W MH
10DMP	100W MH, protected
15DMH	150W MH
15DMP	150W MH, protected
17DMH	175W MH
17DMP	175W MH, protected
Mogul Base	
175MH	175W MH
175MP	175W MH
250MH	250W MH
250MP	250W MH, protected
400MH	400W MH
400MP	400W MH, protected

STEP 2: SOURCE AND WATTAGE	
Electronic Ballast	
70DEM	70W MH, electronic
10DEM	100W MH, electronic
15DEM	150W MH, electronic
Pulse Start	
175PM	175W MH
250PM	250W MH
250PP	250W MH, protected
320PM	320W MH
320PP	320W MH, protected
350PM	350W MH
35EPM	350W MH, linear reactor
350PP	350W MH, protected
35EPP	350W MH, linear reactor, protected
40EPM	400W MH, linear reactor
400PM	350W MH
400EPP	400W MH, linear reactor, protected
400PP	350W MH, protected
Compact Fluorescent	
470CFL	(4) 70W CFL
657CFL	(6) 57W CFL
257CFL	(2) 57W CFL
270CFL	(2) 70W CFL
112CFL	120W CFL

STEP 3: VOLTAGE	
12	120 Volt
20	208 Volt
24	240 Volt
27	277 Volt
34	347 Volt
MT	Multi-voltage, 120V - 277V
VT	Vari-tap, 120V, 277, 347V
STEP 4: OPTICS (DISTRIBUTION)	
N	6612 (narrow)
W	6611 (wide)
STEP 5: OPTICAL MOUNTING	
H	Husk optical
G	Rod and rings
STEP 6: OPTICAL CONFIGURATION	
O	Open
E	Enclosed
STEP 7: FINISH	
C	Copper paint
K	Black paint
L	Satin nickel paint
W	White paint
<small>The colors are approximate. Cast aluminum parts appear differently from hydro-formed parts when using metallic finishes.</small>	

STEP 8: OPTIONS	
PF-396	Safety hook
PF-397	Loop
HFW	Holoflex® flexible wiring system
F1 ²	Single fuse assembly
F2 ²	Double fuse assembly
C3	3' of safety chain
C6	6' of safety chain
C1	10' of safety chain
H ²	HALT® Automatic lamp time-out.
EM ²	Standby lighting fixture
3 Conductor Cord and NEMA Plug	
CDP-L5-15-X-PT ¹	120V
CDP-L6-15-X-PT ¹	208/240V
CDP-L7-15-X-PT ¹	277V
CDP-L24-20-X-PT ¹	347V
CD-3-PT	3' cord
CD-4-PT	4' cord
CD-5-PT	5' cord
CD-6-PT	6' cord
<small>See page 58 for definitions</small>	
<small>1 Not available in ILR version</small>	
<small>2 Available with 70DMH, 100MH, 150MH, 175MH, 250PM, 320PM, 350PM, 400MH, and 400PM</small>	
STEP 9: ACCESSORIES	
Wireguards	
0277	Wireguard access door
09269	Husk, open 6611 optic
09270	Husk, open 6612 optic
09267	Husk, enclosed 6611 optic
09268	Husk, enclosed 6612 optic
09274	Rods and Rings, open 6611 optic
09275	Rods and Rings, open 6612 optic
F1	Single fuse assembly
F2	Double fuse assembly
LAMP	Appropriate HID lamp
PF-396-ACC	Safety hook
PF-397-ACC	Loop
ILCHAIN3	3' of safety chain
ILCHAIN6	6' of safety chain
ILCHAIN10	10' of safety chain
<small>See page 59 for definitions</small>	



Recessed

Form follows function in our recessed luminaires. Whether you want a troffer grid or surface mount for that smooth appearance in the ceiling. You can choose between the conventional flat lens Mirrolume luminaire option, or the innovative CrystalGlo luminaire with its drop glass, featuring the aesthetically appealing prismatic glass.

Holophane provides a whole new level of efficiency from a 2x2 HID luminaire. The introduction of highly specular Miro® 4 material for use in the manufacture of the internal reflector creates an unequalled level of luminaire performance.*

The Holophane potted ballast provides excellent thermal dissipation and sound absorption, for long life and quiet operation.

Miro® 4 is a registered trademark of Alanod

Recessed



*CrystalGlo
with Electra Optics*



*CrystalGlo
with Delphic Optics*



*Mirrolume
with troffer grid*



*Mirrolume
with surface mount*







Cummings' Harley-Davidson Sales; Burton, Michigan



CrystalGlo®

The CrystalGlo luminaire offers the latest look in 2x2 HID fixtures for commercial, industrial, institutional, retail, and academic applications. The protruding glass element provides an attractive sparkle making the space pleasant to be in. The borosilicate glass refractor uniformly distributes light as it exits the luminaire providing unequaled visual comfort. Some of the light is directed to the ceiling to reduce the luminaire-to-ceiling light contrast.

CrystalGlo is offered in either a recessed or surface mount configuration for application into a grid or hard ceiling.

Uniquely designed prismatic glass refractors allow the luminaire to sparkle when illuminated. The Electra® optic is pointed at the bottom whereas the Delphic® optic is rounded; both providing a smooth appearance in the ceiling.



CrystalGlo
type30



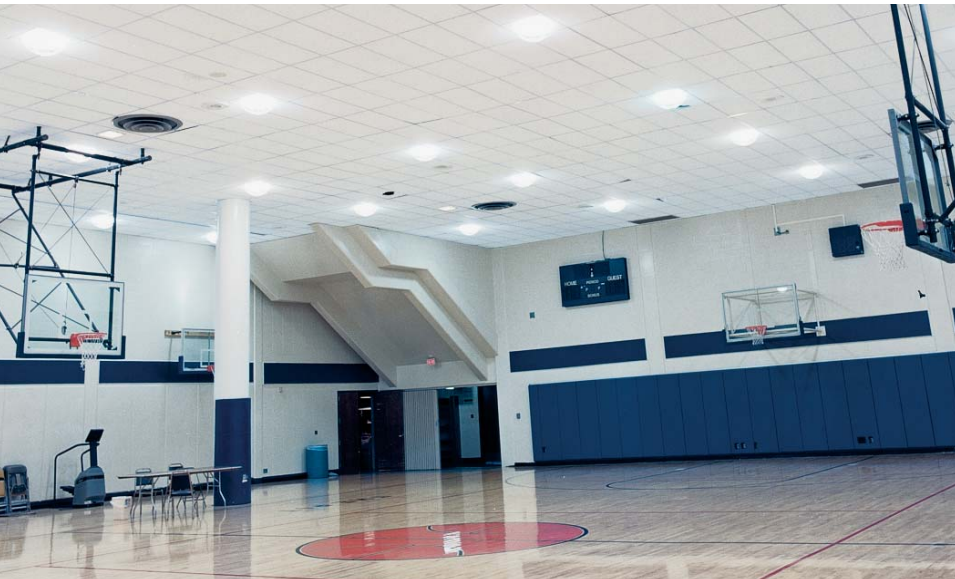
CrystalGlo
type30

Applications

RECESSED



Hollenbeck School Library; St. Charles, Missouri



Notre Dame Auxiliary Gymnasium; South Bend, Indiana



Cummings' Harley-Davidson Sales; Burton, Michigan



Typical Applications

Retail

- Malls and shopping centers
- Supermarkets
- Specialty shops
- Automobile dealerships

Commercial

- Commercial offices
- Museums
- Places of worship

Schools

- Elementary and high schools
- College and universities
- Libraries and activity areas

Features

- Innovative, attractive HID luminaire for finished ceilings
- Prismatic glass refractor for uniform illumination and unequaled visual comfort
- Highly engineered specular Miro® 4 segmented reflector for optimal luminaire efficiency
- Energy efficient, long life Holophane potted ballast

Lamp Types

- 70-400 watt metal halide, also available in pulse start and energy saving pulse start

Approvals

- UL/CUL 1598 damp location listing

Ordering Information

How to Construct a Catalog Number

Example:

TG	400MH	12	DEL	F1	TGWG
1	2	3	4	5	6
LUMINAIRE	WATTAGE	VOLTAGE	OPTICS	OPTIONS	ACCESSORIES
TG TF TS	70DMH 1DDMH 15DMH 175MH 250MH 175PM 250PM 320PM 350PM 400PM 25LMH 400MH 40LMH 25LPM 35LPM 40LPM 35EPM 40EPM	12 20 24 27 34	DEL ELE	F1 F2 EM WGD	TGWG



Distributions

Electra optics

Spacing Criteria: 2.3

Delphic Optics

Spacing Criteria: 2.1

Special Features:

Holophane potted ballast

Segmented specular reflector

Catalog number information

STEP 1: LUMINAIRE MOUNTING

TG¹ Troffer, Grid Mount
TF¹ Troffer, Flange Mount
TS¹ Surface Mount

¹ CUL listed damp location, 25°C ambient

TF/TG

Weight:
27 kg. (60 lbs.)

TS

Weight:
36 kg. (80 lbs.)

STEP 2: SOURCE AND WATTAGE

70DMH	70W MH
10DMH	100W MH
15DMH	150W MH
175MH	175W MH
250MH	250W MH
400MH	400W MH
Pulse start	
175PM	175W MH
250PM	250W MH
320PM	320W MH
350PM	350W MH
400PM	400W MH
Energy saving ballast	
25LMH	250W MH
40LMH	400W MH
Pulse start, energy saving ballast	
25LPM	250W MH
35LPM	350W MH
40LPM	400W MH
Pulse start, linear reactor ballast	
35EPM¹	350W MH
40EPM¹	400W MH

¹ Available in 277 volt only

STEP 3: VOLTAGE

12	120V
20	208V
24	240V
27	277V
34	347V

STEP 4: OPTICS

DEL Delphic glass refractor
ELE Electra glass refractor

STEP 5: OPTIONS

F1¹ Single fuse assembly
F2² Double fuse assembly
EM³ Standby lighting fixture
WGD Wire guard

See page 58 for definitions

¹ For 120, 240, 277 and 347V
² For 208 and 240V
³ Not available with 35EPM or 40EPM

STEP 6: ACCESSORIES

TGWG Wire guard

See page 59 for definitions





Mirrolume®

The Mirrolume luminaire is a 2x2 recessed or surface mounted luminaire with a flat lens for commercial, retail, industrial, school or institutional applications. The lens is available in either glass or plastic. A specular Miro® 4 reflector provides up to 20% more light output than the conventional flat lensed fixture.

The Mirrolume luminaire is offered in either a recessed or surface mount configuration for application into a grid or hard ceiling. Several different photometric distributions are also available to efficiently match the luminaire to the application requirements.

The Holophane potted ballast provides excellent thermal dissipation and sound absorption, for long life and quiet operation.



*Mirrolume
type10*



*Mirrolume
type10*



Crabtree Toyota; New Rochelle, New York



Typical Applications

- Retail stores
- Supermarkets
- Schools
- Gymnasiums
- Automobile dealerships

Features

- Specular Miro® 4 reflector and vertical lamp for outstanding efficiencies
- Task or spread photometric distributions
- Impact resistant lens option for gymnasium applications
- Energy efficient, long life Holophane potted ballast

Lamp Types

- 70-400 watt metal halide, also available in pulse start and energy saving pulse start

Approvals

- UL/CUL 1598 damp location listing

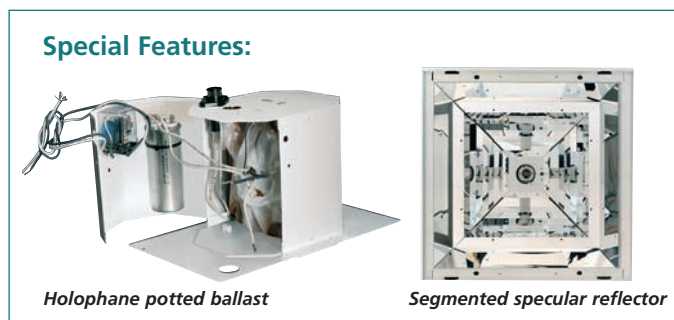


Ordering Information

How to Construct a Catalog Number

Example:

M2G	Q	400MH	12	73	S	F1
1	2	3	4	5	6	7
LUMINAIRE	DOOR TYPE	WATTAGE	VOLTAGE	OPTICS	DISTRIBUTION	OPTIONS
M2G M2F M2S	I Q T	70DMH 1DDMH 15DMH 175MH 175PM 250MH 250PM 25LMH 25LPM 320PM 350PM 35LPM 35EPM 400PM 400MH 40LMH 40LPM 40EPM	12 20 24 27 34	73 82	S T	F1 F2 EM ER



Catalog number information

STEP 1: LUMINAIRE MOUNTING

M2G¹ Troffer, Grid Mount
M2F¹ Troffer, Flange Mount
M2S¹ Surface Mount

¹ CUL listed damp location, 25°C ambient

M2G/M2F
347mm (13.672")
602mm (23.710")
Weight: 22 kg. (50 lbs.)

M2S
367mm (14.468")
711mm (28")
Weight: 32 kg. (70 lbs.)

STEP 2: DOOR TYPE

I¹ Static, no reveal, flat steel door with polycarbonate shield
Q Static, no reveal, regressed aluminum door
T Static, no reveal, flat steel door

¹ Not available with 8227 lens

STEP 3: SOURCE AND WATTAGE

70DMH	70W MH
10DMH	100W MH
15DMH	150W MH
175MH	175W MH
250MH	250W MH
400MH	400W MH
Pulse start	
175PM	175W MH
250PM	250W MH
320PM	320W MH
350PM	350W MH
400PM	400W MH
Energy saving ballast	
25LMH	250W MH
40LMH	400W MH
Pulse start, energy saving ballast	
25LPM	250W MH
35LPM	350W MH
40LPM	400W MH
Pulse start, linear reactor ballast	
35EPM¹	350W MH
40EPM¹	400W MH

¹ Available in 277 volt only

STEP 4: VOLTAGE

12	120V
20	208V
24	240V
27	277V
34	347V

STEP 5: OPTICS

73 Corning 73 glass lens
82 8227 lens with tempered glass

Type "T" Door Corning 73 glass lens Type "Q" Door Corning 73 glass lens

Type "I" Door Corning 73 glass lens

STEP 5: OPTICS ...CONTINUED

82

Type "T" Door 8227 Refractive Grid lens Type "Q" Door 8227 Refractive Grid lens

STEP 6: DISTRIBUTION

S Spread Beam
T Task beam. Not available with surface mount.

STEP 7: OPTIONS

F1¹ Single fuse assembly
F2² Double fuse assembly
EM³ Standby lighting fixture
ER Standby lighting fixture less relay

See page 58 for definitions

- For 120, 240, 277 and 347V
- For 208 and 240V
- Uses a D.C. 250W max. bayonet base, tungsten halogen lamp (included) to provide standby lighting. Includes internal relay to switch quartz lamp when temporary power failure extinguishes HID lamp. (Not available with 35EPM or 40EPM)

Certain airborne contaminants can diminish the integrity of acrylic. Please refer to the Acrylic Environmental Compatibility Chart (HL-2445) for suitable uses.

Options

Cable

C Safety cable (inside stem)

Cord

CD-3 3' Cord only; for length longer than 6 ft handle through TSG.
CD-4 4' Cord only; for length longer than 6 ft handle through TSG.
CD-5 5' Cord only; for length longer than 6 ft handle through TSG.
CD-6 6' Cord only; for length longer than 6 ft handle through TSG.
X Cord length beyond 3'

Cord and Plug

CDP-L5-15-X 120V 914mm (3'), three conductor cord and NEMA plug (order "PF" also) X = no. of feet. 3' std length
CDP-L6-15-X 208/240V 914mm (3'), three conductor cord and NEMA plug (order "PF" also) X = no. of feet. 3' std length
CDP-L7-15-X 277V 914mm (3'), three conductor cord and NEMA plug (order "PF" also) X = no. of feet. 3' std length
CDP-L24-20-X 347V 914mm (3'), three conductor cord and NEMA plug (order "PF" also) X = no. of feet. 3' std length
CDP-L8-20-X 480V 914mm (3'), three conductor cord and NEMA plug (order "PF" also) X = no. of feet. 3' std length
CDP-L5-15-X-PT 120V, three conductor cord and NEMA plug (order "PF" also) X = 3', 6' or 10' standard length
CDP-L6-15-X-PT 208/240V, three conductor cord and NEMA plug (order "PF" also) X = 3', 6' or 10' standard length
CDP-L7-15-X-PT 277V, three conductor cord and NEMA plug (order "PF" also) X = 3', 6' or 10' standard length
CDP-L24-20-X-PT 347V, three conductor cord and NEMA plug (order "PF" also) X = 3', 6' or 10' standard length

Controls

H HALT® Automatic lamp time-out. Available on a limited number of fixtures

Covers

AL Aluminum cover
CU Copper cover
ELB AL with extra low brightness (6692 optics only)

Fusing

F1 Single fuse assembly for 120, 240, 277, or 347 volt
F2 Double fuse assembly for 208, 240, or 480 volt

Hooks



PF-396 Safety hook. Available with ILI only
PF-397 Loop. Available with ILI only
PF-398 Safety hook. Available with CII only
PF-399 Loop. Available with CII only
LP Loop, DN20NPT (.75") male
HK Safety hook, DN20NPT (.75") male
PF-116 loop, DN20NPT (.75") female
PF-122 Safety hook, DN20NPT (.75") female
PF-129 Anti-rotational hook, DN20NPT (.75") male
PF-291 Universal gasketed hook assembly, 3/4" male
PHCB Power-hook cord, special configuration plug cap and "PF-105" loop attached (use with "UPH-35-XXX-WH" or "UPH-36-XXX-WH"); all fixtures except "MT", "ER", or "Q"
PHCB-L8-480 Power-hook cord, special configuration plug cap and "PF-105" loop attached (use with "UPH-35-L8-480-WH" or "UPH-36-L8-480-WH" on 480 volt units only); all fixtures except "ER" or "Q"

Mounting

Q Quick disconnect power hanger for pendant and thru-way wiring; all fixtures except "-CDP", "PHCB", "PF", "ER"
N Non-disconnect, pendant and thru-way wiring
N Remote ballast mounting bracket and outlet box enclosure for attachment to wall or ceiling



Holoflex® wiring
 A modular single or three phase wiring system that provides flexibility in layout, quick installation and lower installed cost

Mounting and Wiring

HFV Holoflex® flexible wiring system - Not available in Canada

Protected Starter

PS HPS protected starter (see HL-838).

Relamp Door

R1 Plastic Relamp Plate. Available with D, J, M and R Optic styles.
R2 Plastic Relamp Plate. Available with A and E Optic styles.

Safety Cable

C	Hidden safety cable for optical assembly.
C3	3' of safety chain
C6	6' of safety chain
C1	10' of safety chain

Safety Chain

09160-X	Safety chain for BL2A, BL2B, BL2C, and BL2D. Insert length of chain in feet for X. .914m (3') is standard length.
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Standby Lighting

EM	Standby lighting fixture uses a D.C. 250W max. bayonet base, tungsten halogen lamp (included) to provide standby lighting. Includes internal relay to switch quartz lamp when temporary power failure extinguishes HID lamp.
ER	Emergency lighting fixture less relay for use with a 120 volt external power source to operate a D.C. 250W max. bayonet tungsten halogen lamp (included) to provide emergency lighting.

Wire Guards

WGD	Wire guard door
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Accessories



Ballast Cover

BL2A-CO	Decorative ballast cover for BL2A units only.
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Claws



IL-Arch-X	Arch decorative claw for large Illuminaire. Not available with Quad. "X" must be replaced with a Finish designator
IL-Victorian-X	Victorian decorative claw for large Illuminaire. Not available with Quad. "X" must be replaced with a Finish designator
IL-Traditional-X	Traditional decorative claw for large Illuminaire. Not available with Quad. "X" must be replaced with a Finish designator
IL-Wrought-X	Wrought decorative claw for large Illuminaire. Not available with Quad. "X" must be replaced with a Finish designator
CI-Arch-X	Arch decorative claw for compact Illuminaire. "X" must be replaced with a Finish designator
CI-Victorian-X	Victorian decorative claw for compact Illuminaire. "X" must be replaced with a Finish designator
CI-Traditional-X	Traditional decorative claw for compact Illuminaire. "X" must be replaced with a Finish designator
CI-Wrought-X	Wrought decorative claw for compact Illuminaire. "X" must be replaced with a Finish designator

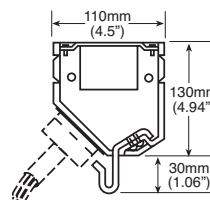
Fusing

F1	Single fuse assembly for 120, 240, 277, or 347 volt
F2	Double fuse assembly for 208, 240, or 480 volt

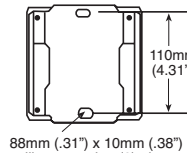
Hooks

See photos on page 58

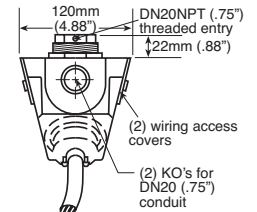
LOOP456	Loop, DN20NPT (.75") male
PF-116-A	Loop, DN20NPT (.75") female
HOOK455	Safety hook, DN20NPT (.75") male
PF-122-A	Safety hook, DN20NPT (.75") female
PF-129-A	Anti-rotational hook, DN20NPT (.75") male
PF-396-ACC	Safety hook
PF-347-ACC	Safety loop
PF-291-A	Universal gasketed hook assembly 3/4" male



Thru-way UPH-35



Mounting Detail UPH-35



Pendant UPH-36

UPH-35-XXX-WH	Thru-way power-hook (order "PHCB" with fixture); all fixtures except "MT", "ER", or "Q".
UPH-35-L8-480-WH	Thru-way power-hook (order "PHCB-L8-480" with fixture); all fixtures except "ER" or "Q"
UPH-36-XXX-WH	Pendant power-hook (order "PHCB" with fixture); all fixtures except "MT", "ER", or "Q".
UPH-36-L8-480-WH	Pendant power-hook (order "PHCB-L8-480" with fixture); all fixtures except "ER" or "Q"

Lamp

LAMP	Appropriate HID lamp supplied with fixture
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Relamp Plate

09205	Plastic relamp plate for Athena, Mentor, Delphic
09206	Plastic relamp plate for Aurora, Electra
CE	Ceiling mounting kit

Safety Chain


CICHAIN3	3' safety chain
CICHAIN6	6' safety chain
CICHAIN10	10' safety chain
ILCHAIN3	3' safety chain
ILCHAIN6	6' safety chain
ILCHAIN10	10' safety chain

Wire Guards

0268	Wire guard for 6584 optics only
0256	Wire guard for 6582, 6585 and 6586 optics only.
09229	Wire guard for 6640 optics only
09230	Wire guard for 6692 optics only
WCGC	For BL2B and BL2E with C and H optics and BL2C with C, H, W or L optics
SMWG	Wire guard for "C" optics only
TGWW	Wire guard



Luminaires may utilize fluorescent or high intensity discharge sources that contain small amounts of mercury. New disposal labeling for these lamps includes the mercury identifier shown on the right to indicate that the lamp contains mercury and should be disposed of in accordance with local requirements.

 Information sources regarding lamp recycling and disposal are included on the packaging of most mercury-containing lamps and also can be located at www.lamprecycle.org.



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 de Mexico

Contact your local Holophane factory sales representative for application assistance, and computer-aided design and cost studies. For information on other Holophane products and systems, call the Inside Sales Service Department at 740-345-9631. In Canada call 905-707-5830 or fax 905-707-5695.

Limited Warranty and Limitation of Liability Refer to the Holophane limited material warranty and limitation of liability on this product, which are published in the "Terms and Conditions" section of the current Buyers Guide, and is available from your local Holophane sales representative.

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