



HID LOW BAYS

PRODUCT CATALOG



HOLOPHANE[®]
LEADER IN LIGHTING SOLUTIONS

experience
lighting's
best.



LOW BAYS

HOLOPHANE LOW BAY LUMINAIRES COMBINE THE EFFICIENCY OF HID AND FLUORESCENT LIGHT SOURCES WITH SPECIAL LENS OPTICS TO PROVIDE A VARIETY OF LIGHTING DISTRIBUTIONS WITH LOW BRIGHTNESS. WHILE ALL HOLOPHANE LOW BAY FIXTURES ARE DESIGNED FOR RELIABILITY AND PERFORMANCE, SEVERAL FEATURE HEAVY DUTY CONSTRUCTION FOR MORE DEMANDING ENVIRONMENTS.



With depths as low as 12.5 inches, the low bay fixtures include high performance reflectors or refractors with various mounting options to accommodate low ceiling heights and assure the clearance needed in some industrial applications.

These compact luminaires are available with open bottom or covered enclosed optics to meet specific lighting needs depending on the fixture.

Holophane low bay luminaires are rated for a wide range of ambient temperatures and may be used with a variety of lamps and wattages. The fixtures are also constructed for installation and maintenance ease.



Low Profile Series



Bantam 2000® Series



Lobay® V



Enduralume® V



LOW PROFILE SERIES

LOW PROFILE SERIES IS THE SOLUTION TO LIGHTING INDUSTRIAL AREAS WITH LOW CEILING HEIGHTS. TYPICAL APPLICATIONS INCLUDE FOOD PROCESSING PLANTS, POWER PLANTS, MEZZANINES, STAIRWELLS AND AREAS WHERE HANGING DUCT WORK LEAVES MINIMAL OVERHEAD CLEARANCE.

An extensive choice of lighting distributions are available by combining the wide selection of metal halide and high pressure sodium lamps and wattages with the Enduralume®, Prismpack®, Primalume®, or CentaGlo® optics.

All luminaires in the Low Profile Series come standard with our pre-treatment process, white polyester powder paint and a 6 year ballast warranty.

Low Profile Series luminaires are rated for 55°C ambient temperature and UL/CUL damp locations.

*Primalume Optics**Prismack Optics**CentaGlo Optics**Enduralume Optics*

FEATURES AND BENEFITS

- Compact design to accommodate minimal overhead clearance (depths up to 12.5")
- Superior optical performance for a full range of applications reducing energy consumption
- Tool-less relamping for ease of maintenance
- Rugged, robust construction and mechanical features provides longevity
- Unique mechanical features that reduce maintenance

TYPICAL APPLICATIONS

- Industrial
- Production Areas
- Food Processing
- Electronic Manufacturing
- Loading and Storage Areas
- Parking Garages



APPLICATIONS

TODAYS SPACES ARE OFTEN CONGESTED LEAVING LITTLE ROOM FOR NEEDED MATERIAL. OUR CEILINGS ARE OFTEN NO DIFFERENT WITH LITTLE CLEARANCE FOR CRITICAL LIGHTING NEEDED TO PRODUCE THE REQUIRED AMOUNT OF LIGHT TO CREATE A PRODUCTIVE WORK ATMOSPHERE. THE LOW PROFILE SERIES OFFERS A SOLUTION TO THIS DILEMMA PROVIDING ROBUST LUMEN PACKAGES IN A COMPACT LUMINAIRE.



Manufacturing Areas

Manufacturing areas often require shallow luminaires with efficient, wide-spread, low-brightness distribution. The condensed side mounted ballast assembly permits installation in areas with low ceilings or in between trusses so that cranes, forklifts and other moving machinery can pass without interference.

Loading and Storage Areas

Four standard Holophane optics are available for the Low Profile Series all having lamps available from 150 to 400 watts. In addition to the versatility of the optics, the Low Profile Series has features which make maintenance a breeze – perfect for loading and storage areas. The low profile design is ideal for limited space ceilings giving even greater flexibility for design criteria. The prismatic glass reflectors are available covered, which minimizes uplight, or uncovered, which produces about 15% uplight, increasing vertical footcandles.

Production Areas

Open bottom reflectors circulate air, keeping the fixture clean and cool even in the dirtiest of environments. Since borosilicate glass contains no static charge and is non-yellowing the Low Profile Series luminaire needs minimal maintenance. Energy saving ballasts are available for MH, HPS and Pulse Start Metal Halide lamps.

Parking Garages

The Low Profile Series has distributions to suit a wide range of applications within a typical parking garage. A symmetrical distribution may be used for large open areas while the asymmetric distribution is ideal for drive and aisle ways. Available in low profile wide or narrow distributions, the Low Profile Series is well suited for low mounting heights to achieve desired light levels.



LOW PROFILE SERIES

Heavy Duty Die Cast Aluminum Ballast Housing is polyester powder-painted and suspended below the steel cross arm in a low profile design for limited mounting height applications.

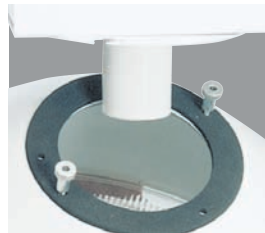


Zinc Steel Yoke attaches to the electrical housing with a steel hanger and latch for ease of installation.



Pendant Top with Sliding Adaptor provides proper balance on swivel hangers, with DN20NPT (.75") threaded conduit entry, or an optional thru-wiring box.

Steel Support Assembly offers heavy duty, 14 gauge formed steel support assembly with covered wire way.



Steel Support Assembly has thumbscrews that easily attaches optic to steel support.

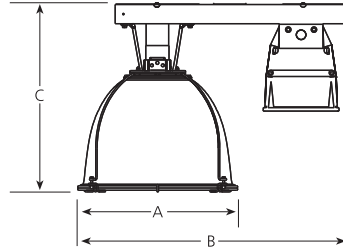
Choice of Four Optics made from borosilicate glass minimize light lumen depreciation by minimizing accumulated dirt on the inner surface of the reflector.



Enduralume low profile, spun aluminum reflector: Finished inside and out with white high-reflectance polyester powder-paint. A prismatic borosilicate glass or acrylic refractor: Provides uniform surface brightness and precisely controlled vertical illumination.

ORDERING INFORMATION

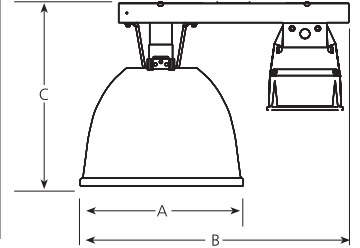
DIMENSIONAL DETAILS AND LIGHT DISTRIBUTION CHARTS



LP - Prismalume Optics

Maximum Weight: 22 kg (48.5 lbs.)

LP	A mm (in.)	B mm (in.)	C mm (in.)
6611	480 (18.9")	674 (26.55")	538 (21.2")
6612	592 (23.3")	729 (28.7")	592 (23.3")



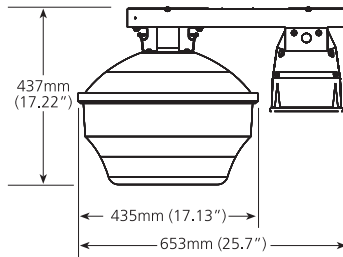
LK - Prismpack Optics

Maximum Weight: 22 kg (48.5 lbs.)

LK	A mm (in.)	B mm (in.)	C mm (in.)
6611-AL	457 (18.0")	654 (25.75")	596 (23.45")
6612-AL	565 (22.25")	708 (27.88")	649 (25.55")

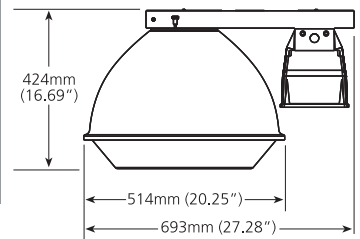
Spacing to Mtg. Ht. Ratio	LAMP SOURCE AND WATTAGE				
	HIGH PRESSURE SODIUM		METAL HALIDE		
	15AHP	250W	400W	175W - 320W	350W - 400W
0 - 1.2:1	Q12	L12	I12	Q12	N12
1.2:1 - 2.2:1	Q11	L11	I11	Q11	N11

Spacing to Mtg. Ht. Ratio	LAMP SOURCE AND WATTAGE				
	HIGH PRESSURE SODIUM		METAL HALIDE		
	15AHP	250W	400W	175W - 320W	350W - 400W
0 - 1.2:1	Q12	L12	Q12	Q12	N12
1.2:1 - 2.2:1	Q11	L11	L11	Q11	N11



LC - CentaGlo Optics

Maximum Weight: 27 kg (59.5 lbs.)



LEN - Enduralume Optics

Maximum Weight: 27 kg (59.5 lbs.)

Spacing to Mtg. Ht. Ratio	LAMP SOURCE AND WATTAGE			
	HIGH PRESSURE SODIUM		METAL HALIDE	
	15AHP	250W - 400W	175W - 320W	350W - 400W
CG1 asymmetric Narrow	M1	E1	M1	B1
CG1 asymmetric Wide	H1	M1	D1	D1
CG2 Symmetric 1.1:1	M2	E2	M2	B2
CG2 Symmetric 1.4:1	N2	C2	N2	A2

SPECIFICATIONS

Complete luminaire shall be Holophane Low Profile Series catalog number _____. The luminaire shall consist of a low profile mounting assembly to which is attached a ballast housing and an optical reflector/refractor assembly. The entire assembly shall be a maximum of ____ deep. It shall be C/UL/US listed 1598 for damp locations up to 55°C (40°C for 400W with Enduralume acrylic lens).

The low profile mounting assembly shall have a cast aluminum adjustable hub for .75" conduit rigid pendant mounting or for balanced luminaire support from hooks or loops. Mounting hooks and loops shall be self lubricating malleable cast iron and protected against corrosion with zinc plated chromate finish. The rigid formed steel housing mounting assembly, and the ballast housing shall be protected against corrosion by a seven stage pre-treatment followed by electrostatically applied polyester powder paint, which meets ASTM standard practices for hardness, humidity, impact and salt spray resistance to prevent cross hatch creep, fading, cracking and other corrosion related deterioration.

OPTICS (CHOOSE ONE)

Enduralume® Optics

The standard optical assembly shall consist of a 510mm (20") diameter aluminum reflector with a minimum 90% reflectance, white baked polyester powder paint finish combined with a spun-on dropped prismatic borosilicate glass or acrylic refractor. The refractor shall be 120mm (4.75") deep with precisely formed prisms producing a symmetrical light distribution.

The optical assembly shall swing open yet stay attached to the housing so that no tools shall be required for relamping. The porcelain enclosed mogul base socket with corrosion resistant, nickel plated, lamp grip screw shall be factory prewired and set for optimum light distribution.

Prismpack® Optics

Glass reflector shall be Endural® prismatic borosilicate glass with a minimum wall thickness of 3mm (.13"). Reflector shall have a permanently spun-on and sealed anodized aluminum cover.

The zinc plated steel, reflector attachment yoke shall have swingover locking lugs which prevent accidental dislodging. Integral support provision for full ventilation and optional safety chain shall be provided. No tools shall be required to attach or detach the reflector from the housing. The smooth inner glass surface shall not deteriorate in normal industrial atmospheres and shall return to original reflecting values after cleaning.

Prismalume® Optics

Glass reflector shall be Endural® prismatic borosilicate glass with a minimum wall thickness of 3mm (.13"). It shall be firmly supported by a zinc plated wire frame from the bottom of the reflector. The zinc plated steel, reflector attachment yoke shall have swingover locking lugs which prevent accidental dislodging. Integral support provision for full ventilation and optional safety chain shall be provided. No tools shall be required to attach or detach the reflector from the housing. The smooth inner glass surface shall not deteriorate in normal industrial atmospheres and shall return to original reflective values after cleaning.

CentaGlo® Optics

Fixture shall include an optical assembly composed of an Endural® prismatic glass reflector and refractor permanently joined together. The upper component shall be a reflector permitting uplight in a controlled area while also reflecting light back into the lower refractor. The refractor shall be available in either a symmetrical or asymmetrical distribution.

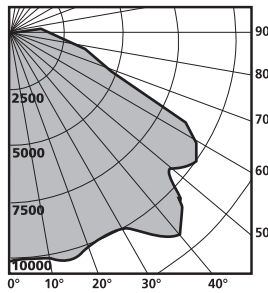
Mounting assembly

See page 32-33 for the performance specifications on the mounting options that are available

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

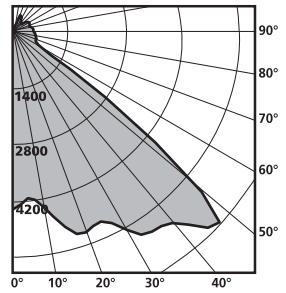
DISTRIBUTIONS

Enduralume Optics



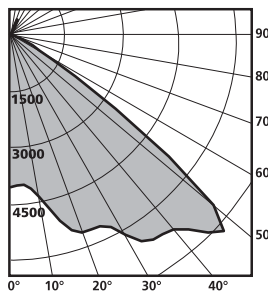
LEN400MHXXA
Low Profile Enduralume
Lamp: 400W Clear MH
Lumens: 36000
Watts: 400
Spacing Criteria: 1.7
Luminaire Efficiency: 83.3%

Prismalume Optics



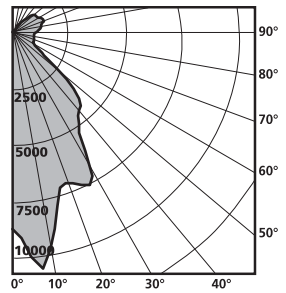
LP250MP00XXQ11
Low Profile Prismalume
Lamp: 250W Clear MP
Lumens: 22000
Watts: 250
Spacing Criteria: 1.8
Luminaire Efficiency: 96.1%

Prismpack Optics



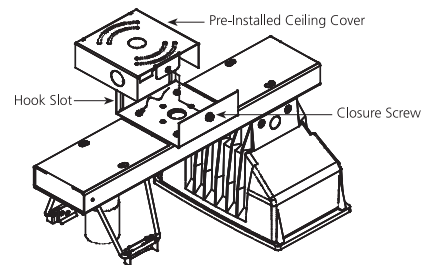
LK250MP00XXQ11
Low Profile Prismpack
Lamp: 250W Clear MP
Lumens: 22000
Watts: 250
Spacing Criteria: 1.9
Luminaire Efficiency: 84.8%

CentaGlo Optics



LC400MH00XSN
Low Profile CentaGlo
Lamp: 400W Clear MH
Lumens: 36000
Watts: 400
Spacing Criteria: 1.2
Luminaire Efficiency: 90.1%

K MOUNTING



K Quick install thru-wiring for Low Profile Series

PREFERRED SELECTIONS:

Most Frequently Ordered Catalog Numbers

LEN	400PM	27	K	N	G	EM	PF-291
1	2	3	4	5	6	7	8
LUMINAIRE	WATTAGE	VOLTAGE	MOUNTING	CORD LENGTH	OPTICS	OPTIONS	ACCESSORIES
LC LEN LK LP	400PM	27	K	N	G	EM	PF-291

CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

(Pricing and lead times may be affected)



STEP 1: LUMINAIRE	
LC	Low Profile CentaGlo
LEN	Low Profile Enduralume
LK	Low Profile Prismpack
LP	Low Profile PrismaLume
STEP 2: SOURCE AND WATTAGE	
HIGH PRESSURE SODIUM	
15AHP	150W/55V HPS
250HP	250W HPS
400HP	400W HPS
Energy Saving	
25LHP	250W HPS
40LHP	400W HPS
METAL HALIDE	
175MP ^{2,3}	175W MH, protected
250MH ^{1,3}	250W MH
250MP ^{2,3}	250W MH, protected
400MH ³	400W MH
400MP ^{2,3}	400W MH protected
Energy Saving	
25LMP ^{2,3}	250W MH, protected
40LMH ³	400W MH
40LMP ³	400W MH, protected
1 Only available with LEN optic	
2 Not available with LEN optic	
3 Not available for shipment in US after Dec. 31, 2008, due to EISA legislation	
4 Meets US Federal EISA legislation	

STEP 2: SOURCE (CONTINUED)	
PULSE START METAL HALIDE	
175PM ^{1,4}	175W PMH
250PM ^{1,4}	250W PMH
250PP ^{2,4}	250W PMH, protected
320PM ^{1,4}	320W PMH
320PP ^{2,4}	320W PMH, protected
350PM ^{1,4}	350W PMH
350PP ^{2,4}	350W PMH, protected
400PM ^{1,4}	400W PMH
400PP ^{2,4}	400W PMH, protected
Energy Saving	
25LPM ^{1,4}	250W PMH
35LPM ^{1,4}	350W PMH
35LPP ^{2,4}	350W PMH, protected
40LPM ^{1,4}	400W PMH
40LPP ^{2,4}	400W PMH, protected
1 Only available with LEN optic	
2 Not available with LEN optic	
3 Not available for shipment in US after Dec. 31, 2008, due to EISA legislation	
4 Meets US Federal EISA legislation	

STEP 3: VOLTAGE	
08 ¹	208V
40 ¹	240V
12	120V
20	208V
24	240V
27	277V
34	347V
48	480V
Multi-voltage	
MA	Prewired for 120V
MB	Prewired for 208V
MC	Prewired for 240V
MD	Prewired for 277V
MT	Multi-voltage
VT ²	Vari-tap
1 Isolated secondary, CUL. Not available with 250PP, 25LPP, 25LPM, 320PP, 35LPM, 400PM, 400PP, 40LPP and 40LPM, handled through TSG	
2 120, 277, 347V, Canada. Available with 250HP, 400HP, 250MP, 250PP, 25LPP, 320PP, 350PM, 35LPM, 400MH and 400MP	
STEP 4: MOUNTING	
P	Pendant
K ^{1,3}	Quick install thru-wiring
PF-455 Cast Hook and Holoflex	
B ²	"L" cord drop
F ²	"T" cord drop
T ²	Selectable cord drop
1 40°C ambient only	
2 UL dry location only. Handled through TSG	
3 Not available with LC optic	

STEP 5: CORD LENGTH	
N	None, "P" or "K" mounting only
R	3 feet, not available with "P" or "K" mounting.
F	5 feet, "T" mounting only
S	6 feet, not available with "P", "K" or "T" only.
T	10 feet, not available with "P" or "K" mounting.
STEP 6: OPTICS	
LEN - Enduralume	
G	Glass refractor
A ¹	Acrylic refractor
1 40°C ambient only	
<i>See charts on page 9 for LC, LP and LK optics</i>	
STEP 7: OPTIONS	
Factory Installed.	
<i>See page 35 for a complete list of options and product availability</i>	
STEP 8: ACCESSORIES	
Ships Separately.	
<i>See page 35 for a complete list of accessories and product availability</i>	



BANTAM 2000® SERIES

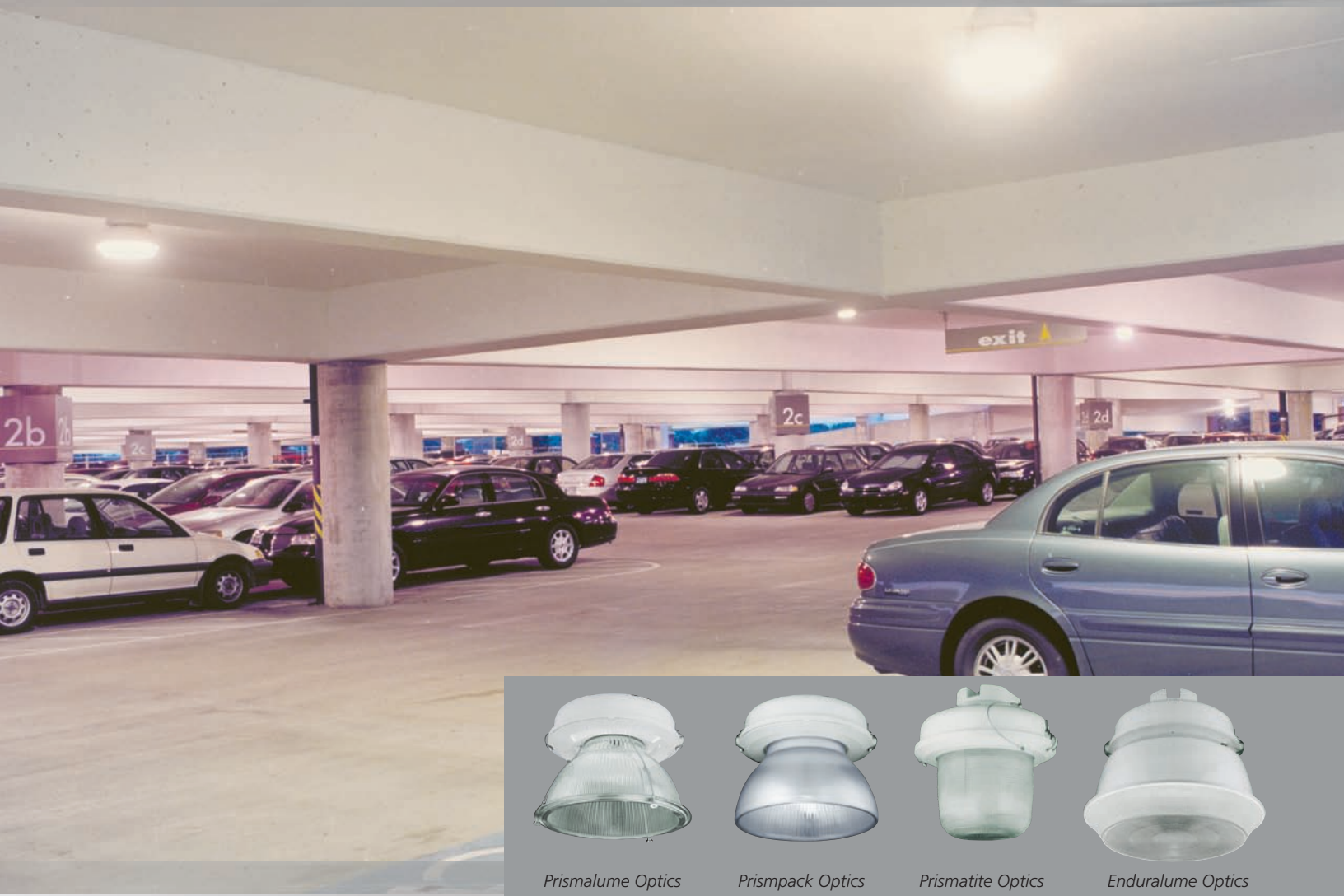
BANTAM 2000 SERIES IS THE PERFECT FIXTURE FOR A VARIETY OF HEAVY DUTY INDUSTRIAL AND LOW CEILING HEIGHT APPLICATIONS.

LOW PROFILE DESIGN CHARACTERIZES UNITS IN THE BANTAM 2000 SERIES, PROVIDING CLEARANCE IN LOW CEILING HEIGHTS.

Available in a range of low wattage HID lamps, Bantam 2000 Series luminaires provide required lighting in an energy efficient manner.

Bantam 2000 Series fixtures are available in a choice of four rugged glass optics that efficiently place light where visibility is needed.

Rated for a wide range of ambient temperature applications, Bantam 2000 Series fixtures are also listed for wet or damp locations.



Prismalume Optics



Prispack Optics



Prismatite Optics



Enduralume Optics

FEATURES AND BENEFITS

- Engineered for low maintenance
- Choice of mounting options offers flexibility in design for virtually any application
- Heavy duty construction and mechanical features provides longevity and ease of maintenance
- Efficient operation for increased energy savings

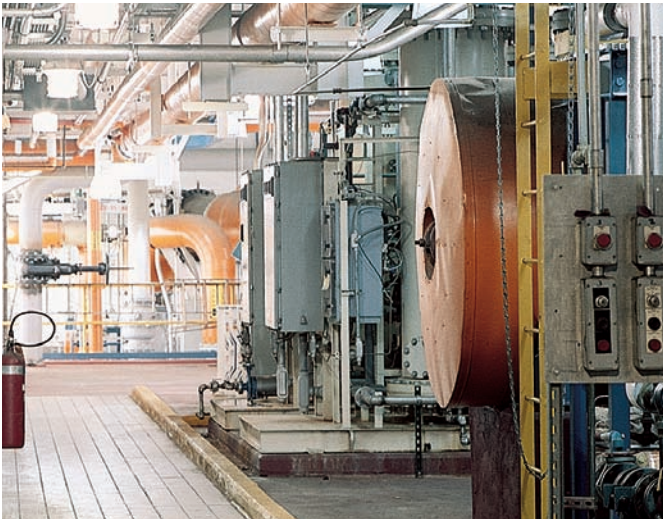
TYPICAL APPLICATIONS

- Mezzanines
- Parking Garages
- Retail Stores
- Stairwells
- Textile Mills
- Distribution Warehouses



APPLICATIONS

TYPICAL APPLICATIONS FOR LUMINAIRES IN THE BANTAM 2000 SERIES INCLUDE MEZZANINES, PARKING GARAGES, RETAIL STORES AND STAIRWELLS WITH LOW OR CONGESTED CEILINGS.



Textile Mills

Textile mills with low ceiling heights often require shallow luminaires with efficient, wide-spread, low-brightness distribution. The Bantam's smaller size and lower wattage packages permits installation in areas with low ceilings or in between trusses so that cranes, forklifts and other moving machinery can pass without interference.

Distribution Warehouses

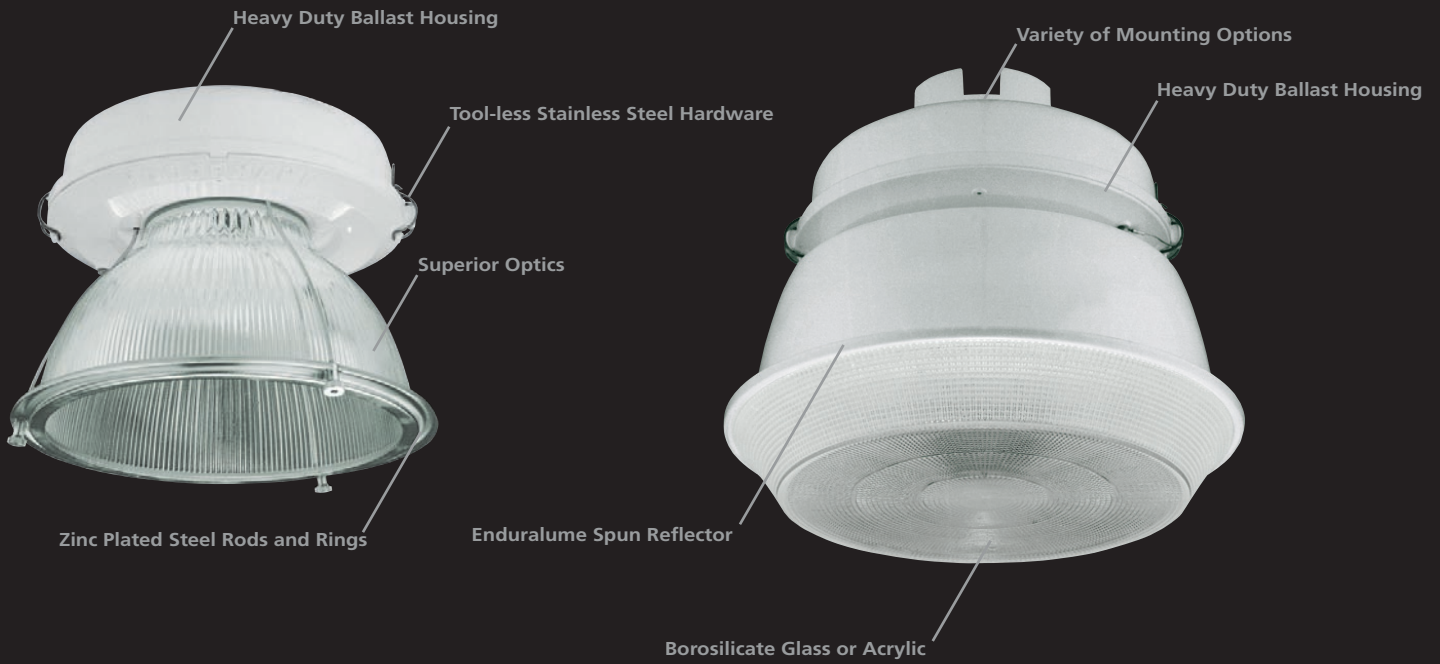
Four standard Holophane optics are available for the Bantam Series all having lamps available from 50 to 175 watts. Besides the versatility of the optics, the Bantam Series has features which make maintenance a breeze – perfect for distribution and warehouse areas. At less than 16" deep, the low wattage design is ideal for limited space ceilings giving even greater flexibility for design criteria. The prismatic glass reflectors are available covered, which minimizes uplight, or uncovered, which produces about 15% uplight, increasing vertical footcandles.

Parking Garages

The Bantam Series has distributions to suit a wide range of applications within a typical parking garage. A symmetrical distribution may be used for large open areas while the asymmetric distribution is ideal for drive and aisle ways. Available in low wattage wide or narrow distributions, the Bantam Series is well suited for low mounting heights to achieve desired light levels.

Steel Mills

Open bottom reflectors circulate air, keeping the fixture clean and cool even in the dirtiest of environments. Since borosilicate glass contains no static charge and is non-yellowing, the Bantam Series luminaire needs minimal maintenance. Energy saving ballasts are available for MH, HPS and Pulse Start Metal Halide lamps.



LOW PROFILE SERIES

Heavy Duty Die Cast Aluminum Ballast Housing is pretreated and coated with polyester powder-paint



Zinc Plated Steel Rods and Rings offers rugged construction and product longevity



Choice of Four Optics made from borosilicate glass minimize light lumen depreciation by minimizing accumulated dirt on the inner surface of the reflector.



Tool-less Stainless Steel Hardware helps prevent corrosion



Variety of Mounting Options available in ceiling, pendant, stanchion and wall mountings.



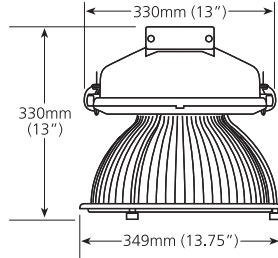
Enduralume Spun Reflector is finished inside and out with white high-reflectance polyester powder-paint.

Reflectors and Refractors provide uniform surface brightness and precisely controlled vertical illumination.

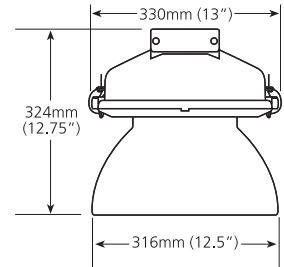
ORDERING INFORMATION

DIMENSIONAL DETAILS

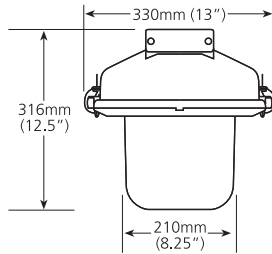
LUMINAIRES



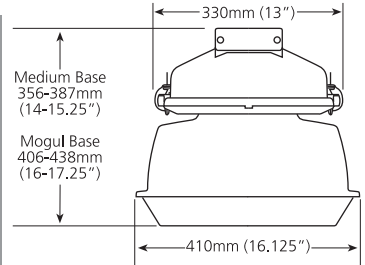
H/K/L/S - Prismalume Optics
Maximum Weight: 9.07 kg (20 lbs)



M/N/U - Prismpack Optics
Maximum Weight: 9.07 kg (20 lbs)

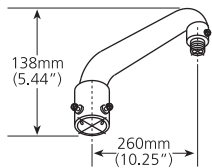


B/G - Prismatite Optics
Maximum Weight: 9.07 kg (20 lbs)

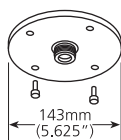


A/C - Enduralume Optics
Maximum Weight: :
Medium Base 7.2 kg (16 lbs)
Mogul Base 11.8 kg (26 lbs)

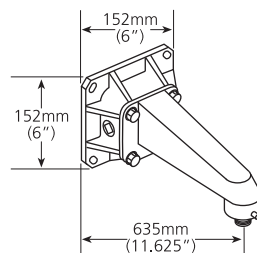
MOUNTINGS



A - Stanchion



C - Ceiling



W - Wall Bracket

SPECIFICATIONS

Complete luminaire shall be Holophane Bantam 2000 catalog number _____. The luminaire shall consist of an optical assembly which is attached to an integral ballast housing. The complete luminaire shall be UL listed for Wet Location and CSA certified. It shall be balanced without external adjustment when supported by hooks or loops and shall have a stainless steel relamping cable between housing and optical assembly.

The die cast aluminum housing shall incorporate a wiring chamber for 90°C wire, threaded entry for DN20NPT (.75") conduit entrance with set screw, stainless steel finger operated double action latches, and have a corrosion resistant, white, baked on polyester powder paint, over a 7 stage pretreatment process.

OPTICS (CHOOSE ONE)

The optics shall be supported by a die cast aluminum door plate with integral latch strike surfaces. A cast in notch shall properly align the door to the housing so that no adjustment is needed for designed photometric performance.

Enduralume® Optics

Optical assembly shall consist of an enclosed prismatic borosilicate glass or acrylic refractor and spun aluminum reflector. Reflector and door plate shall have the same finish as the housing.

Prismalume® Optics

Optical assembly shall consist of an (open or enclosed) prismatic borosilicate glass refractor supported by three cantilever zinc chromate finished rods engineered for correct tension between the door plate and reflector ring.

Prismpack® Optics

Optical assembly shall consist of an (open or enclosed) prismatic borosilicate glass refractor with spun on anodized aluminum cover attached to the white door plate.

Prismatite® Optics

Optical assembly shall consist of a prismatic borosilicate glass refractor with either symmetric or long and narrow distribution.

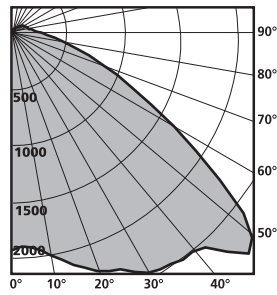
Mounting assembly

See page 32-33 for the performance specifications on the mounting options that are available

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

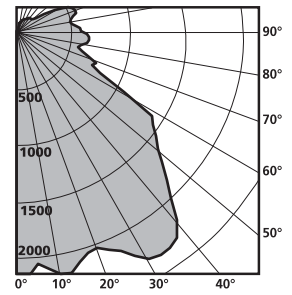
DISTRIBUTIONS

Enduralume Optics (A)



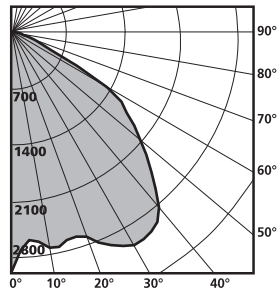
BA175MH00XA
Bantam 2000 Enduralume
Lamp: 175W MH
Lumens: 14000
Watts: 175
Spacing Criteria: 2.0
Luminaire Efficiency: 74.7%

Prismalume Optics (L)



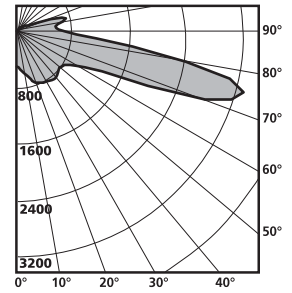
BA17DMH00XL
Bantam 2000 Prismalume
Lamp: 175W MH
Lumens: 14000
Watts: 175
Spacing Criteria: 1.5
Luminaire Efficiency: 89.9%

Prismpack Optics (Z)



BA17DMH00XZ
Bantam 2000 Prismpack
Lamp: 175W MH
Lumens: 14000
Watts: 175
Spacing Criteria: 1.5
Luminaire Efficiency: 73.9%

Prismatite Optics (G)



BA17DMH00XG
Bantam 2000 Prismatite
Lamp: 175W MH
Lumens: 14000
Watts: 175
Spacing Criteria: 2.2
Luminaire Efficiency: 93.7%

AMBIENT TEMPERATURE CHART

*UL Listed Ambient Temperature Chart									
Optic	Suffix No.	Lamp							
		Metal Halide				High Pressure Sodium			
Description		70W	100W	150W	175W	50W	70W	100W	150W
Enduralume®	A & C	65°C	65°C	55°C	40°C	75°C	65°C	55°C	55°C
Prismatite®	B & G	65°C	55°C	40°C	40°C	75°C	65°C	55°C	55°C
Prismpack® Open	M & N	N/A	N/A	N/A	N/A	75°C	65°C	55°C	55°C
Prismpack® Enclosed	U & Z	65°C	65°C	55°C	40°C	75°C	65°C	55°C	55°C
Prismalume® Open	H & J	N/A	N/A	N/A	N/A	75°C	65°C	55°C	55°C
Prismalume® Enclosed	K & L	65°C	65°C	40°C	40°C	75°C	65°C	55°C	55°C

PREFERRED SELECTIONS:

Most Frequently Ordered Catalog Numbers

BA	70DHP	12	P	A	EM	PF-291
1	2	3	4	5	6	7
LUMINAIRE	WATTAGE	VOLTAGE	MOUNTING	OPTICS	OPTIONS	ACCESSORIES
BA	70DHP	12	P	A	EM	PF-291

CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

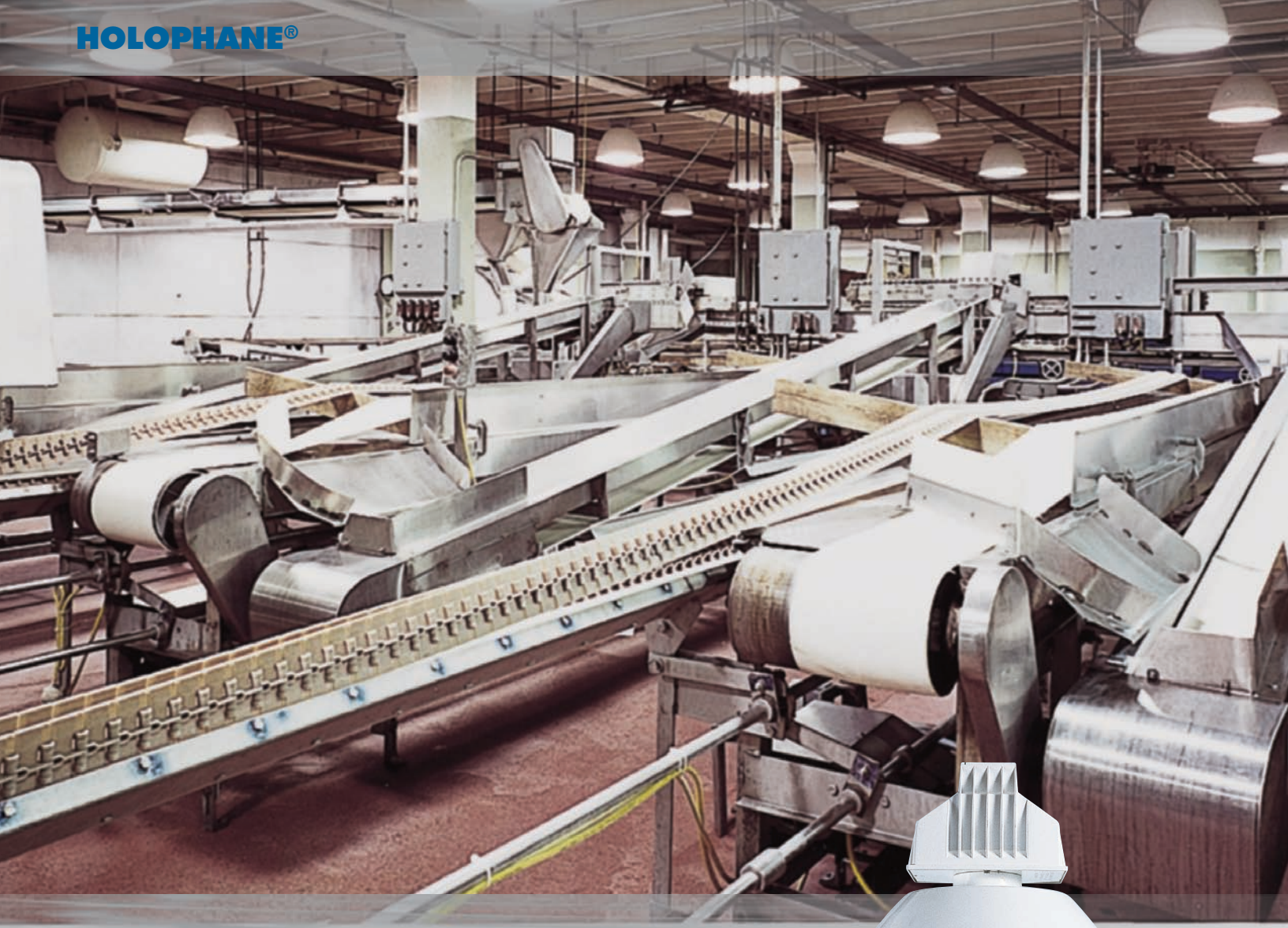
(Pricing and lead times may be affected)



STEP 1: LUMINAIRE
BA Bantam 2000 Series
STEP 2: SOURCE AND WATTAGE
HIGH PRESSURE SODIUM
Medium Base
50DHP ¹ 50W HPS
70DHP 70W HPS
10DHP 100W HPS
15DHP 150W HPS
Mogul Base
070HP ² 70W HPS
100HP ² 100W HPS
15AHP ² 150W HPS
METAL HALIDE
Medium Base
70DMH ^{3,5} 70W MH
10DMH ^{3,5} 100W MH
15DMH ^{3,5} 150W MH
17DMH ^{3,5} 175W MH
70DMP ^{4,5} 70W MH, protected
10DMP ^{4,5} 100W MH, protected
15DMP ^{4,5} 150W MH, protected
Mogul Base
175MH ^{2,5} 175W MH
¹ Not available with 347V. CUL listed
² Available with "A" and "C" optics only
³ Enclosed only. Not available with 480V
⁴ Open optics only. Sockets accept open rated lamps only. Not available with medium base lamps, 347V or 480V
⁵ Not available for shipment in US after Dec. 31, 2008, due to EISA legislation

STEP 2: SOURCE (CONTINUED)
PULSE START METAL HALIDE
Mogul Base
17DPM ^{3,6} 175W PMH
175PM ^{2,6} 175W PMH
² Available with "A" and "C" optics only
³ Enclosed only. Not available with 480V
⁶ (E) Meets US Federal EISA legislation
STEP 3: VOLTAGE
08 ¹ 208V
12 120V
20 208V
24 240V
27 277V
34 ² 347V
40 ¹ 240V
48 ² 480V
Multi-voltage
MA Prewired for 120V
MB Prewired for 208V
MC Prewired for 240V
MD Prewired for 277V
MT Multi-voltage
¹ Must be handled through TSG
² Not available with 15DMP
STEP 4: MOUNTING
A Stanchion mount
C ¹ Ceiling
P Pendant
W Wall bracket
¹ Damp location only
² Bracket arm is 1.50" NPT

STEP 5: OPTICS
Enclosed bottom
A Enduralume glass
B Long and narrow Prismatic
C Enduralume acrylic
G Symmetric Prismatic
Open bottom
K Wide distribution Prismatic
L Medium distribution Prismatic
U Wide distribution Prism pack
Z Medium distribution Prism pack
H Wide distribution Prismatic
J Medium distribution Prismatic
M Wide distribution Prism pack
N Medium distribution Prism pack
STEP 6: OPTIONS
Factory Installed.
See page 37 for a complete list of options and product availability
STEP 7: ACCESSORIES
Ships Separately.
See page 37 for a complete list of accessories and product availability



LOBAY® V

THE LOBAY V LUMINAIRE COMBINES THE EFFICIENCY OF HID LIGHT SOURCES WITH SPECIAL LENS OPTICS TO CREATE AN ENCLOSED LUMINAIRE THAT PRODUCES A WIDE VARIETY OF LIGHTING DISTRIBUTIONS. THIS MAKES LOBAY V LUMINAIRES AN EXCELLENT CHOICE WHEN EVALUATING BOTH INSTALLATION AND OPERATING ECONOMICS.

The Lobay V luminaire achieves a wide square distribution by utilizing a unique optical assembly. It consists of an aluminum reflector with white baked-on enamel applied to the interior and exterior surface. This contour and paint treatment has been precision engineered to provide, with the proper lens, spacing criteria of 1.3 and 1.4. The square distribution is achieved by the Quadrature® lens. This unique lens is injection molded with the visual appearance of four separate quadrants joined at the center. This lens provides a wide square distribution with excellent horizontal and vertical illumination.



FEATURES AND BENEFITS

- Engineered for low maintenance
- Choice of mounting options offers flexibility in design for virtually any application
- Heavy duty construction and mechanical features provides longevity
- Efficient operation for energy savings
- Optional “wet location” listing for appropriate applications

TYPICAL APPLICATIONS

- Inspection Areas
- Production Areas
- Paper Mills
- Super Markets



APPLICATIONS

Distribution Centers

The Lobay V series incorporates a Refractive Grid® lens with an aluminum cover for outstanding glare control. The Refractive Grid lens is injection molded with a precisely formed array of hemispherical refractive elements on both the upper and lower sides of the lens. These optical elements freely transmit the downward light while intercepting potential glare and redirects it to useful light for the work area.

Production Areas

Where excessive moisture is prevalent, a special version of the Lobay V luminaire which is UL listed as “suitable for wet locations” is available as an option. Additionally, to prevent unwanted downtime in production areas, the Lobay V was designed for ease of maintenance. To relamp, simply unlatch the door and allow it to hinge downward, or lift off and remove as desired. After the lamp has been changed, merely swing the door up and latch using your hands – relamp without using tools.

Parking Garages

The Lobay V Series has an optional square distribution to suit a wide range of applications within a typical parking garage. A square distribution is ideal for large open areas where light from adjacent fixtures contributes to provide excellent uniformity. Even horizontal and vertical illumination is desired for increased safety to eliminate dark areas where intruders or muggers may be hiding. To maximize performance over time, simply wipe the inner surface of the reflector and the tempered glass heat shield with a soft cloth.



Heavy Duty Ballast Housing is pretreated and coated with electrostatically applied, thermally set white polyester powder paint.



Variety of Mounting Options with quick install slide on pendant mounting plate: Optional "quick disconnect" support for application flexibility and "disconnect under load" capability.

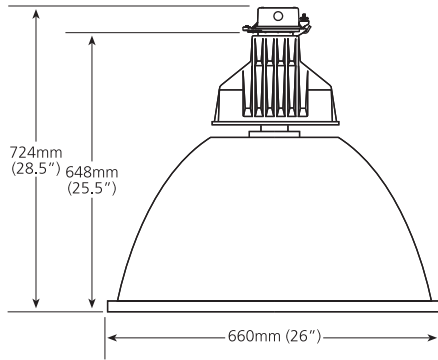
Hinged Door Frame is removable and permits easy relamping



Spun Aluminum Cover has the interior and exterior painted white, and proper lens combine to provide distinct lighting distributions.

ORDERING INFORMATION

DIMENSIONAL DETAILS



SPECIFICATIONS

Complete luminaire shall be Holophane catalog number _____. The luminaire shall consist of two sub-assemblies: ballast assembly, containing the electrical components, mounting hardware, and reflector attachment lugs; and the optical assembly.

The complete luminaire shall be UL listed to U.S. and Canadian safety standards as suitable for use in damp locations and ambients of up to 40°C as standard.

Ballast Assembly

The cast aluminum ballast housing shall be protected by a phosphate pretreatment followed by a sprayed on and cured polyester powder paint. This finish is tested in accordance with ASTM standards for hardness, humidity, impact and salt spray resistance to prevent cross hatch, fading, cracking, and other corrosion related deterioration. All hardware shall be zinc plated for corrosion protection.

Optical Assembly

The optical assembly shall be an aluminum reflector with white baked on enamel on the outside and to the internal reflecting surface. The door will contain, in a frame, the Quadrature® or Refractive Grid® lens with a clear tempered glass roundel between the lamp and the lens. When the door is in place, hinged and latched, the optical assembly will be enclosed.

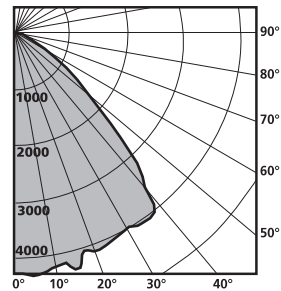
Mounting Assembly

See page 32-33 for the performance specifications on the mounting options that are available.

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

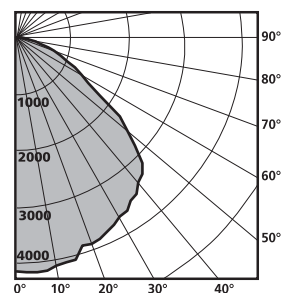
DISTRIBUTIONS

GD10 - Refractive Grid



LY250MH00XGD10
Lobay V
Lamp: 250W Clear MH
Lumens: 21000
Watts: 250
Spacing Criteria: 1.4
Luminaire Efficiency: 68.5%

SQ10 - Square distribution



LY250MH00XSQ10
Lobay V
Lamp: 250W Clear MH
Lumens: 21000
Watts: 250
Spacing Criteria: 1.3
Luminaire Efficiency: 68.9%

PREFERRED SELECTIONS:

Most Frequently Ordered Catalog Numbers

LY	400HP	12	Q	SQ10	F1	PF-121-A
1	2	3	4	5	6	7
LUMINAIRE	WATTAGE	VOLTAGE	MOUNTING	OPTICS	OPTIONS	ACCESSORIES
LY	400HP	12	Q	SQ10	F1	PF-121-A

CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

(Pricing and lead times may be affected)



STEP 1: LUMINAIRE
LY Lobay V
STEP 2: SOURCE AND WATTAGE
HIGH PRESSURE SODIUM
250HP 250W HPS
400HP 400W HPS
Energy Saving
25LHP 250W HPS
40LHP 400W HPS
METAL HALIDE
175MH ¹ 175W MH
250MH ¹ 250W MH
400MH ¹ 400W MH
Energy Saving
25LMH ¹ 250W MH
40LMH ¹ 400W MH
PULSE START METAL HALIDE
175PM ² 175W PMH
250PM ² 250W PMH
320PM ² 320W PMH
350PM ² 350W PMH
400PM ² 400W PMH
Energy Saving
35LPM ² 350W PMH
40LPM ² 400W PMH
<small>1 Not available for shipment in US after Dec. 31, 2008, due to EISA legislation</small>
<small>2 Meets US Federal EISA legislation</small>

STEP 3: VOLTAGE
08 ¹ 208V
12 120V
20 208V
24 240V
27 277V
34 347V
40 ¹ 240V
48 480V
Multi-voltage
MA Prewired for 120V
MB Prewired for 208V
MC Prewired for 240V
MD Prewired for 277V
MT Multi-voltage
VT ² Vari-tap
<small>1 Must be handled through TSG</small>
<small>2 Available with 250HP, 250MH, 250PM, 25LPM, 320PM, 35LPM, 350PM, 400HP, 400MH only</small>

STEP 4: MOUNTING
N Non quick disconnect power hanger
P Pendant mount, .75" NPT conduit
Q Quick disconnect power hanger
STEP 5: OPTICS
SQ10 Square distribution, 1.3 spacing criteria
GD10 Refractive Grid, 1.4 spacing criteria
STEP 6: OPTIONS
Factory Installed.
<i>See page 39 for a complete list of options and product availability</i>
STEP 7: ACCESSORIES
Ships Separately.
<i>See page 39 for a complete list of accessories and product availability</i>



ENDURALUME® V

THE ENDURALUME V LUMINAIRE IS AN EFFICIENT, LOW BRIGHTNESS UNIT FOR LIGHTING BOTH INDUSTRIAL AND COMMERCIAL AREAS. WHETHER IT BE SCHOOLS, FOOD PROCESSING AREAS OR WAREHOUSES, THIS IS A GREAT LUMINAIRE IN TERMS OF ENERGY EFFICIENCY AND SAFETY.

In today's society, energy efficiency is a driving concern. Energy use of a luminaire over its lifetime will result in the greatest environmental impact. The Enduralume V luminaire meets those needs. It is available in MH, pulse start or HPS lamps and also with regular or low loss ballasts, in wattages ranging from 175-400W. In addition, for greater energy efficiency, the Enduralume V is now available with our electronic HID ballast in wattages ranging from 320-400W MH.

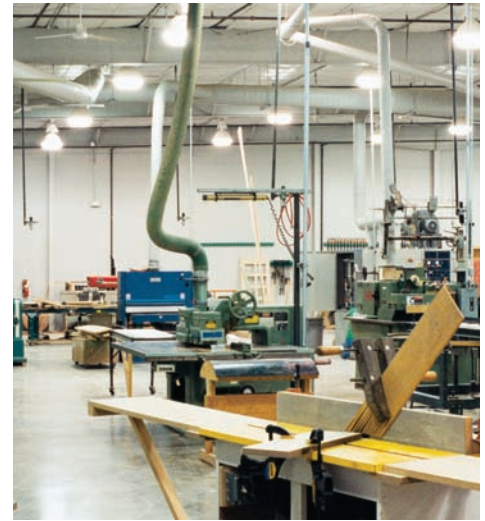


FEATURES AND BENEFITS

- Engineered for low maintenance
- Choice of mounting options offers versatility in design for any application
- Heavy duty construction and mechanical features provides longevity
- Efficient operation for energy savings
- Reflector top combined with the prismatic bottom allows minimal uplight while maintaining good, vertical footcandles

TYPICAL APPLICATIONS

- Electric Utilities
- Post Offices
- Distribution Warehouses
- Textile Mills
- Steel Mills
- Process Industries



APPLICATIONS

Process Industries

There are applications where the conditions require an enclosed luminaire producing efficient, wide spread lighting distribution. The Enduralume V luminaire combines a white painted highly reflective reflector with a spun on borosilicate glass or acrylic refractor. The reflector/refractor combination results in a low brightness appearance providing an efficient blend of horizontal and vertical illumination.

Warehouse Lighting

The Enduralume luminaire's unique design of combining an aluminum reflector with a drop prismatic glass refractor results in high vertical footcandles. Vertical footcandles are essential in stack lighting where it is necessary to read labels on boxes. Also, by having the luminaire enclosed, it meets UL requirements of containing a MH lamp in case of non-passive lamp failure. This is often important in warehouse areas where there is the potential for damage if lamps are not contained properly.

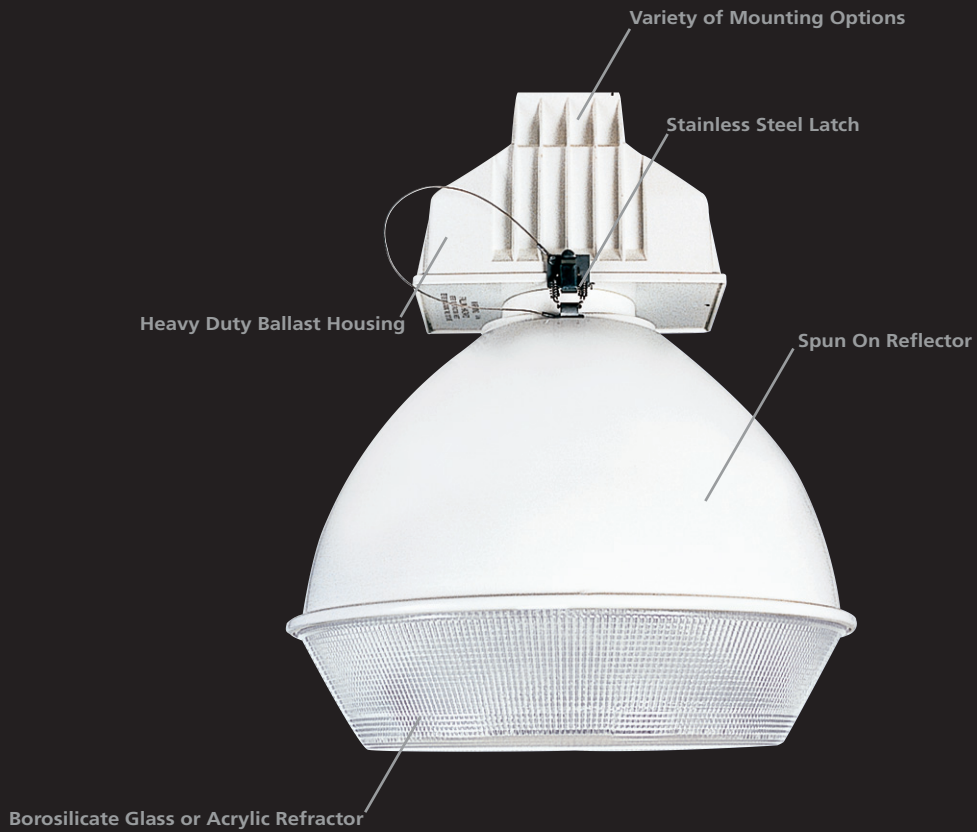
Post Offices

The Enduralume V luminaire, with its enclosed optics, is suited for moderately dirty environments as well as clean areas. The luminaire will provide long life and easy maintenance as required by these applications. Its appearance and ruggedness permit it to be equally at home in commercial as well as industrial applications.

Food Processing Areas

Similar to warehouse lighting, an enclosed luminaire is essential for safety in food handling areas. The acrylic refractor is a good choice for this application and also provides uniform light and is impact resistant.

Besides the application benefits of the Enduralume V luminaire, it is also a structurally sound unit. A relamp cable secures the reflector to the ballast housing when relamping. Gaskets are located at the reflector/ballast and the reflector/refractor connections to minimize dirt entering the optical assembly.



Heavy Duty Ballast Housing is pretreated and coated with electrostatically applied, thermally set white polyester powder paint.



Stainless Steel Latch features swing-over locking springs to prevent accidental dislodging. A stainless steel cable supports the optics. No tools are required to unlatch the optics from the housing.



Variety of Mounting Options with quick install slide on pendant mounting plate: Optional "quick disconnect" support for application flexibility and "disconnect under load" capability.

Spun On Refractor with Dropped Prismatic Borosilicate Glass or Acrylic Refractor. The refractor is 121mm (4.75") deep with precisely formed prisms producing a symmetrical light distribution.

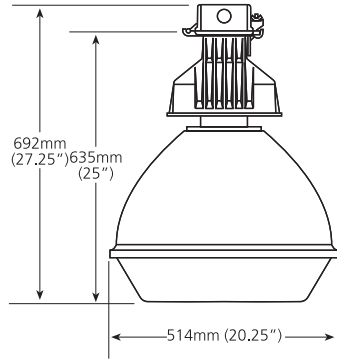


ORDERING INFORMATION

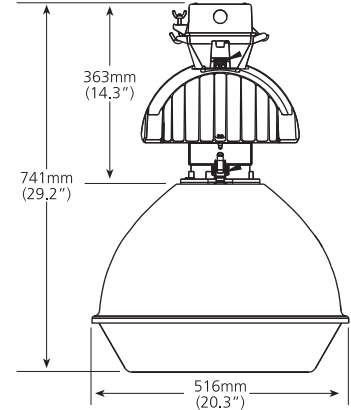
DIMENSIONAL DETAILS



EN — Standard Magnetic Ballast
Maximum Weight: 17.0 kg (38 lbs.)



EN — The Elite Series Electronic Ballast
Maximum Weight: 20.4 kg (45 lbs.)



SPECIFICATIONS

General

Complete luminaire shall be Enduralume V catalog number _____. The luminaire shall consist of two sub-assemblies: ballast assembly containing the electrical components and an optical reflector/refractor.

The complete luminaire shall be listed by Underwriters Laboratories, Inc. as suitable for use in damp location ambients of up to 55°C as standard, (40°C for 400W metal halide with acrylic refractor). Optional wet location luminaire shall be listed for 40°C.

The factory installed stainless steel reflector attachment latches shall have swingover locking springs, so as to prevent accidental dislodging. A stainless steel cable shall support the optics during relamping. No tools shall be required to unlatch the optics from the housing. The support casting shall contain a fiberglass filter and an EPT gasket which is compressed when the optical assembly is latched in place.

Optical Assembly

The optical assembly shall encompass a 508mm (20") diameter aluminum reflector with a 90% reflectance, white baked polyester powder paint finish combined with a spun on dropped prismatic borosilicate glass or acrylic refractor. The refractor shall be 121mm (4.75") deep with precisely formed prisms producing a symmetrical light distribution.

Mounting Assembly

See page 32-33 for the performance specifications on the mounting options that are available

Electronic Ballast

The HID electronic ballast shall be provided with integral color coded leads. This electronic ballast shall be multi-voltage capable and shall operate from a nominal voltage range of 208 – 277 volts AC. The electronic ballast shall have a system efficiency of greater than 93% under full lamp operation. It shall be FCC compliant for EMI/RFI as per parts 18.305 and 18.307. Total harmonic current distortion shall be less than 15%. Starting input current shall be less than stabilized lamp operating current. The ballast system shall be

capable of maintaining stabilized lamp operation through one full cycle of power interruption. Electrical system shall withstand transient peaks of seven strikes of 100kHz ring waves at 2.5kV level for both common and differential mode per IEEE C62.41.

The ballast shall be capable of powering one 400, 350 or 320 watt pulse start metal halide lamp. Lamp wattage shall not vary more than ± 3.0% for a ±10% change in input line voltage. A crest factor of 1.5 shall not be exceeded. Lamps operating on the ballast shall be warranted by the lamp manufacturer to deliver improved mean lumens as compared to same lamp operation on an electromagnetic ballast. Where applicable, a means of continuous dimming shall be a part of the ballast system.

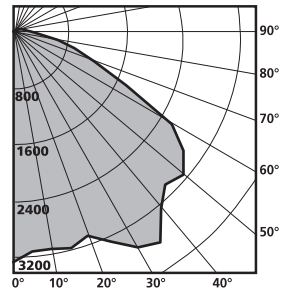
Dimming control is to be of the common 0–10 volt DC. 0-10VDC dimming control voltage shall be derived from the ballast, not an externally imposed source. Dimming shall range from 100% down to no less than 50% of input power. Automatic over temperature protection shall be provided. The ballast shall carry a warranty of three years when installed in applications meeting the manufacturer's conditions and the requirements of the applicable UL safety listings.

Dimming option shall include a "Hold High" feature that maintains full power to lamps when starting up after loss of power. After a 20 minute delay, the lamp will be restored to its previous dimmed setting. This is to comply with lamp manufacturer recommendations regarding starting lamps while dimmed and the effect on lamp life.

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

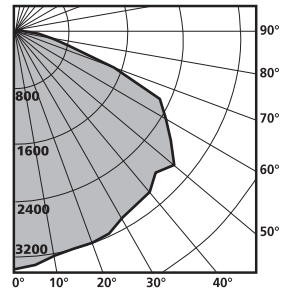
DISTRIBUTIONS

Acrylic Lens



EN250MH00X8
Enduralume V
Lamp: 250W Clear MH
Lumens: 20500
Watts: 250
Spacing Criteria: 1.6
Luminaire Efficiency: 82.4%

Prismatic Glass Refractor



EN250MH00X7
Enduralume V
Lamp: 250W Clear MH
Lumens: 20500
Watts: 250
Spacing Criteria: 1.4
Luminaire Efficiency: 76.7%

PREFERRED SELECTIONS:

Most Frequently Ordered Catalog Numbers

EN	32PME	V	Q	8	F1	PF-291
1	2	3	4	5	6	7
LUMINAIRE	WATTAGE	VOLTAGE	MOUNTING	OPTICS	OPTIONS	ACCESSORIES
EN	32PME	V	Q	8	F1	PF-291

CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

(Pricing and lead times may be affected)



STEP 1: LUMINAIRE	
EN	Enduralume V
STEP 2: SOURCE AND WATTAGE	
HIGH PRESSURE SODIUM	
250HP	250W HPS
400HP	400W HPS
Energy Saving	
25LHP	250W HPS
40LHP	400W HPS
METAL HALIDE	
175MH ¹	175W MH
175MP ¹	175W MH, protected
250MH ¹	250W MH
250MP ¹	250W MH, protected
400MH ¹	400W MH
400MP ¹	400W MH, protected
Energy Saving	
25LMH ¹	250W MH
25LMP ¹	250W MH, protected
40LMH ¹	400W MH
40LMP ¹	400W MH, protected
¹ Not available for shipment in US after Dec. 31, 2008, due to EISA legislation ² (E) Meets US Federal EISA legislation	

STEP 2: SOURCE (CONTINUED)	
ELECTRONIC METAL HALIDE	
32PME ¹	320W PMH
32PPE ¹	320W PMH, protected
35PME ¹	350W PMH
35PPE ¹	350W PMH, protected
40PME ¹	400W PMH
40PPE ¹	400W PMH, protected
PULSE START METAL HALIDE	
175PM ²	175W PMH
250PM ²	250W PMH
250PP ²	250W PMH, protected
320PM ²	320W PMH
320PP ²	320W PMH, protected
350PM ²	350W PMH
350PP ²	350W PMH, protected
400PM ²	400W PMH
400PP ²	400W PMH, protected
Energy Saving	
35LPM ²	350W PMH
35LPP ²	350W PMH, protected
40LPM ²	400W PMH
40LPP ²	400W PMH, protected

STEP 3: VOLTAGE	
08 ¹	208V
12	120V
20	208V
24	240V
27	277V
34	347V
40 ¹	240V
48	480V
V	208, 240, 277 volt Auto sensing, electronic
Multi-voltage	
MA	Prewired for 120V
MB	Prewired for 208V
MC	Prewired for 240V
MD	Prewired for 277V
MT	Multi-voltage
VT ²	Vari-tap
¹ Must be handled through TSG ² Available with 250HP, 250MH, 250PM, 25LPM, 320PM, 35LPM, 350PM, 400HP, 400MH only	

STEP 4: MOUNTING	
N	Non quick disconnect power hanger
P	Pendant mount, .75" NPT conduit
Q	Quick disconnect power hanger
STEP 5: OPTICS	
7 ¹	Acrylic lens
8	Prismatic glass refractor
¹ Open rated protected lamp only	
STEP 6: OPTIONS	
Factory Installed.	
See page 39 for a complete list of options and product availability	
STEP 7: ACCESSORIES	
Ships Separately.	
See page 39 for a complete list of accessories and product availability	

MOUNTING OPTIONS



PD - Pendant

The separable DN20NPT (.75") threaded conduit mounting plate with integral set screw shall include a quick install slide on attachment. The housing shall be balanced and suitable for support from hooks or loops. A slide on wireway cover shall enclose the wiring chamber which is suitable for 90° or 105°C building wire.

ND - Non-Disconnect Pendant and Throughway Wiring

The die cast aluminum pendant and/or throughway integral wiring box shall contain provisions for both DN20NPT (.75") threaded mounting conduit and direct ceiling mounting. It shall contain an integral hinge connecting the die cast aluminum pin on the housing to support the luminaire while electrical connections are made. The mounting shall have the same corrosion resistant finish as the housing. The mounting shall consist of 2 cast knockouts, 4 ceiling mount drill points, DN20NPT (.75") conduit threaded top opening, and be UL/CUL listed and CUL certified for up to five #10 AWG conductors for through wiring. The housing shall swing up and connect to the ND box by latching the captive J bolt and wing nut without use of tools.



QD - Quick-Disconnect Pendant and Throughway Wiring

The die cast aluminum pendant and/or throughway quick disconnect wiring box shall contain provisions for both DN20NPT (.75") threaded conduit mounting and direct ceiling mounting. It shall contain an integral hinge connecting the die cast aluminum pin on the housing to allow the luminaire to hang free with electrical disconnect. The mounting shall have the same corrosion resistant finish as the housing. The mounting shall consist of 2 cast knockouts, 4 ceiling mount drill points, DN20NPT (.75") conduit threaded top opening, and be UL listed for up to five #10 AWG conductors for through wiring.

The housing shall swing up and connect to the QD box by latching the captive J bolt and wing nut without use of tools. A dead front receptacle shall be mounted inside the QD box which will make an electrical connection with the pre-wired plug in the housing.

The receptacle shall be UL listed for connection to lighting branch circuits which can then be energized before the housing is attached. The grounding connection shall be the first to make contact and the last to disconnect.

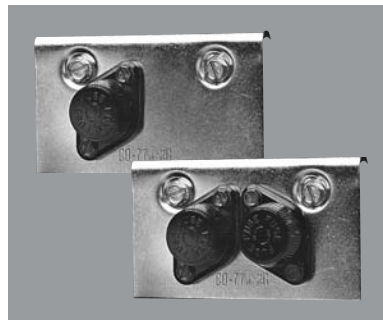
It shall be CUL certified and listed per UL-1059 (Panel Board Accessory) and UL-98 (Enclosed and Dead Front Switches) permitting the luminaire to be disconnected while under load.

OPTIONS AND ACCESSORIES



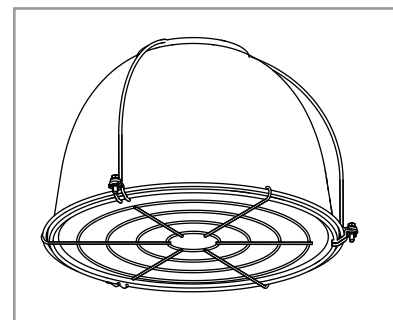
Auxiliary Lighting

Emergency and standby options provide sufficient lighting during failure or interruptions of the normal power supply.



Fusing

Accessible fuse protects and isolates luminaire from circuit. Must specify voltage.



Wire Guards

All wire guards are made of #10 gauge zinc finished wire form and offer a means to protect luminaires from minor impact. Wire guards are sold as accessories and shipped separately.

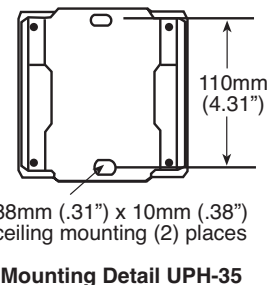
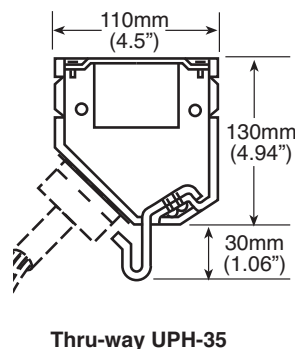
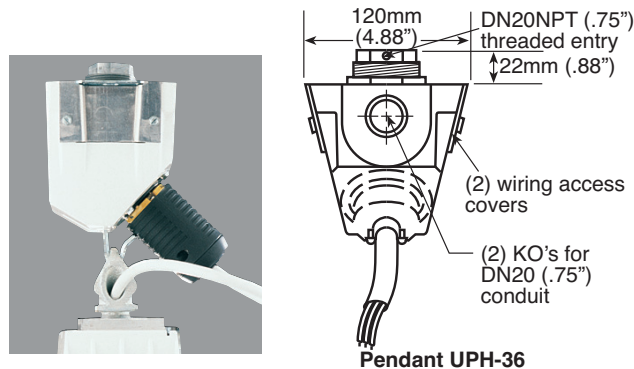
OPTIONS AND ACCESSORIES



NEMA LOCKING CONFIGURATIONS					
Catalog Designation	Ampacity	Voltage	NEMA Configuration	Illustration	
CDP-L5-15-X	15A	120V	L5 - 15		
CDP-L6-15-X	15A	208V, 240V	L6 - 15		
CDP-L7-15-X	15A	277V	L7 - 15		
CDP-L24-20-X	20A	347V	L24 - 20		
CDP-L8-20-X	20A	480V	L8 - 20		

Cords, Plugs and Chains





Cord and NEMA twist-off plugs for use in areas where support and electrical receptacle is supplied. Most cord and plugs are factory installed and are used typically with hooks or loops (ordered separately). 'X' denotes cord length. 3' is standard and lengths longer than 6' are handled through TSG.



Hooks, Loops, and Power Hooks

All hooks, loops, and power hook and cords assemblies are for use in areas where support and electrical receptacle is supplied. Mounting hooks and loops shall be lubricating cast aluminum or malleable iron and protected against corrosion. Supplied either factory installed or shipped separately.

STANDARD FEATURES, OPTIONS AND ACCESSORIES

		Low Profile Series			
					
Luminaire		LC Optics	LEN Optics	LP Optics	LK Optics
Housing	Heavy duty, cast aluminum ballast housing.	S	S	S	S
Electrical	UL/CUL labeled for damp locations, suitable for ambient temperatures up to 40°C.	S	S	S	S
Mounting	A variety of mountings including pendant, quick disconnect, and thru-way wiring	S	S	S	S
Optics	The revolutionary ISD SuperGlass® available in wide or narrow light distributions. Enclosed optics offer product components to seal off contaminants	—	—	S	S
Finish	Standard finish for the ballast housing and LEN reflector is white	S	S	S	S
08214-X	Safety chain (3' is standard)	O	—	O	O
C3	3' safety chain	—	O	—	—
C6	6' safety chain	—	O	—	—
C10	10' safety chain	—	O	—	—
CD-3	3' cord only attached as an option to the electrical assembly. Available with "P" mounting only. Not available with "MT"	O	O	O	O
CD-4	4' cord only attached as an option to the electrical assembly. Available with "P" mounting only. Not available with "MT"	O	O	O	O
CD-6	6' cord only attached as an option to the electrical assembly. Available with "P" mounting only. Not available with "MT"	O	O	O	O
CDP-L5-15-X-PT	120V and MA NEMA 3', 3 conductor cord and plug. Attached as an option to the electrical assembly. Order "PF" also. X = length of cord in feet. 3' is standard.	O	O	O	O
CDP-L6-15-X-PT	208V, 240V, MB and MC NEMA 3', 3 conductor cord and plug. Attached as an option to the electrical assembly. Order "PF" also. X = length of cord in feet. 3' is standard.	O	O	O	O
CDP-L7-15-X-PT	277V and MD NEMA 3', 3 conductor cord and plug. Attached as an option to the electrical assembly. Order "PF" also. X = length of cord in feet. 3' is standard.	O	O	O	O
CDP-L8-20-X-PT	347V NEMA 3', 3 conductor cord and plug. Attached as an option to the electrical assembly. Order "PF" also. X = length of cord in feet. 3' is standard.	O	O	O	O
CDP-L24-20-X-PT	480V NEMA 3', 3 conductor cord and plug. Attached as an option to the electrical assembly. Order "PF" also. X = length of cord in feet. 3' is standard.	O	O	O	O
ELB	Low brightness reflector. Available only on covered optics	—	—	—	O
EM	Standby lighting: 120V tungsten halogen bayonet base lamp and lamp socket to provide lighting during times of temporary power interruption until the HID lamp is cool enough to restrike	O	O	O	O
ER	Emergency circuit lighting: 120V tungsten halogen bayonet base lamp and lamp sockets separate backup (emergency) power circuit that provides sufficient lighting during failure of the normal power supply. Only available with CD, CDP, and PHCB, when handled through TSG	O	O	O	O
F1	Single fuse assembly. (LINE-to-LINE 240/277 volt). Not available with "MT"	O	O	O	O
F2	Double fuse assembly. (LINE-to-COM 208/240 volt). Order "PF" also. "X" = length of cord. 3', 6', and 10' is standard. Not available with "MT"	O	O	O	O
H	HALT® Automatic lamp timeout	O	O	O	O
HK	Safety hook, (.75") male. Available with "P" mount only	O	O	O	O
LP	Loop, (.75") male. Available with "P" mount only	O	O	O	O
PHCB	Powerhook cord for 120, 208, 240, 277 and 347 volt, MA, MB, MC and MD. Includes PF-105-B. Available with "P" mount only. Not available with "MT"	O	O	O	O
PHCB-L8-480	Power-hook cord for 480 volt. Available with "P" mount only.	O	O	O	O
PF-105	Loop, (.75") male. Available with "P" mount only	O	—	O	—
PF-121	Safety hook, (.75") male. Available with "P" mount only	O	—	O	—
PF-129²	Anti-rotational hook, (.75") male. Available with "P" mount only.	O	O	O	O
PF-291²	Safety hook (.75") male. Available with "P" mount only.	O	O	O	O
PS	HPS protected starter. (HPS only)	O	O	O	O
S	Single pack for electrical only	O	O	O	O





S Standard - Standard product features, see steps 1-7 on page 11

O Option - Product options are factory installed, see step 8 on page 11

A Accessory - Product accessory ships separately, see step 9 on page 11

— Not Available





Contact your local sales rep for the most current option and accessory compatibility.

		Low Profile Series			
					
Luminaire		LC Optics	LEN Optics	LP Optics	LK Optics
08214-X	Safety chain – X = no. of feet	—	—	A	A
09274	Wire guard for 6611 optic	—	—	A	—
09275	Wire guard for 6612 optic	—	—	A	—
HOOK455	Safety hook, (.75") male. Available with "P" mounting only.	A	A	A	A
LAMP	Appropriate lamp supplied	A	A	A	A
LOOP456	Loop, (.75") male. Available with "P" mounting only.	A	A	A	A
PF-116-A	Loop, (.75") female. Available with "P" mounting only.	A	A	A	A
PF-122-A	Safety hook, (.75") female. Available with "P" mounting only.	A	A	A	A
PF-129-A	Anti-rotational hook, (.75") male. Available with "P" mounting only.	A	A	A	A
PF-291	Safety hook (.75") male. Available with "P" mounting only.	A	A	A	A
PS-55	Protected replacement starter for 15AHP and below	A	A	A	A
PF-100	Protected replacement starter for 250HP - 400HP only	A	A	A	A
UPH-35-XXX-WH	Thru-way power-hook. Available with "P" mounting only. Not available with "ER" or "MT"	A	A	A	A
UPH-35-L8-480-WH	480V Thru-way power-hook. Available with "P" mounting only.	A	A	A	A
UPH-36-XXX-WH	Pendant power-hook. Available with "P" mounting only. Not available with "ER" or "MT"	A	A	A	A
UPH-36-L8-480-WH	480V Pendant power-hook. Available with "P" mounting only.	A	A	A	A
WGCG	Wire guard for LC optics "AN", "AW", "SN" and "SW"	A	—	—	—
WG-221	Wire guard for LEN optics	—	A	—	—

- S** Standard - Standard product features, see steps 1-7 on page 11
- O** Option - Product options are factory installed, see step 8 on page 11
- A** Accessory - Product accessory ships separately, see step 9 on page 11
- Not Available

Contact your local sales rep for the most current option and accessory compatibility.

STANDARD FEATURES, OPTIONS AND ACCESSORIES

		Bantam 2000 Series			
					
Luminaire		A/C Optics	B/G Optics	H/K/L/S Optics	M/N/U/Z Optics
Housing	Heavy duty, cast aluminum ballast housing.	S	S	S	S
Electrical	UL/CUL labeled for damp locations, suitable for ambient temperatures up to 40°C.	S	S	S	S
Mounting	A variety of mountings including pendant, ceiling, stanchion and wall mount.	S	S	S	S
Finish	Standard finish for the ballast housing and A/C reflector is white	S	S	S	S
CD-3	3' cord only attached as an option to the electrical assembly. Available with "P" mounting only. Not available with "MT"	O	O	O	O
CD-4	4' cord only attached as an option to the electrical assembly. Available with "P" mounting only. Not available with "MT"	O	O	O	O
CD-5	5' cord only attached as an option to the electrical assembly. Available with "P" mounting only. Not available with "MT"	O	O	O	O
CD-6	6' cord only attached as an option to the electrical assembly. Available with "P" mounting only. Not available with "MT"	O	O	O	O
CDP-L5-15-X-PT	120V and MA NEMA 3', 3 conductor cord and plug. Attached as an option to the electrical assembly. Order "PF" also. X = length of cord in feet. 3' is standard.	O	O	O	O
CDP-L6-15-X-PT	208V, 240V, MB and MC NEMA 3', 3 conductor cord and plug. Attached as an option to the electrical assembly. Order "PF" also. X = length of cord in feet. 3' is standard.	O	O	O	O
CDP-L7-15-X-PT	277V and MD NEMA 3', 3 conductor cord and plug. Attached as an option to the electrical assembly. Order "PF" also. X = length of cord in feet. 3' is standard.	O	O	O	O
CDP-L8-20-X-PT	347V NEMA 3', 3 conductor cord and plug. Attached as an option to the electrical assembly. Order "PF" also. X = length of cord in feet. 3' is standard.	O	O	O	O
CDP-L24-20-X-PT	480V NEMA 3', 3 conductor cord and plug. Attached as an option to the electrical assembly. Order "PF" also. X = length of cord in feet. 3' is standard.	O	O	O	O
ELB	Low brightness reflector. Available only on covered optics	—	—	—	O
EM	Standby lighting: 120V tungsten halogen bayonet base lamp and lamp socket to provide lighting during times of temporary power interruption until the HID lamp is cool enough to restrike	O	O	O	O
ER	Emergency circuit lighting: 120V tungsten halogen bayonet base lamp and lamp sockets separate backup (emergency) power circuit that provides sufficient lighting during failure of the normal power supply. Only available with CD, CDP, and PHCB, when handled through TSG	O	O	O	O
HFW	Holoflex® flexible wiring system. Handed through TSG.	O	O	O	O
HK	Safety hook, (.75") male. Available with "P" mount only	O	O	O	O
LP	Loop, (.75") male. Available with "P" mount only	O	O	O	O
PHCB	Powerhook cord for 120, 208, 240, 277 and 347 volt, MA, MB, MC and MD. Includes PF-105-B. Available with "P" mount only. Not available with "MT"	O	O	O	O
PHCB-L8-480	Power-hook cord for 480 volt. Available with "P" mount only.	O	O	O	O
PF-129	Anti-rotational hook, (.75") male. Available with "P" mount only.	O	O	O	O
PF-291	Safety hook (.75") male. Available with "P" mount only.	O	O	O	O
PS	HPS protected starter. (HPS only)	O	O	O	O
T	NEMA Decal	O	O	O	O

- S** Standard - Standard product features, see steps 1-7 on page 11
- O** Option - Product options are factory installed, see step 8 on page 11
- A** Accessory - Product accessory ships separately, see step 9 on page 11
- Not Available




Contact your local sales rep for the most current option and accessory compatibility.

		Bantam 2000 Series			
					
Luminaire		A/C Optics	B/G Optics	H/K/L/S Optics	M/N/U/Z Optics
0256	Wire guard for Primalume "H", "J", "K" and "L" optics	—	—	A	—
09189-3 ¹	Safety chain, 914mm (3')	A	A	A	A
09190	Wire guard for Primatite "B" and "G" refractors	—	A	—	—
BAS	Internal side shield, available with Primatite "B" and "G" optics only	—	A	—	—
F1	Single fuse assembly. Ships separately unless factory installed when ordered with CDP or PCHB	A	A	A	A
F2	Double fuse assembly. Ships separately unless factory installed when ordered with CDP or PCHB	A	A	A	A
HOOK455	Safety hook, (.75") male. Available with "P" mounting only.	A	A	A	A
LAMP	Appropriate lamp supplied	A	A	A	A
LOOP456	Loop, (.75") male. Available with "P" mounting only.	A	A	A	A
PF-116-A	Loop, (.75") female. Available with "P" mounting only.	A	A	A	A
PF-122-A	Safety hook, (.75") female. Available with "P" mounting only.	A	A	A	A
PF-129-A	Anti-rotational hook, (.75") male. Available with "P" mounting only.	A	A	A	A
PF-291	Safety hook (.75") male. Available with "P" mounting only.	A	A	A	A
UPH-35-XXX-WH	Thru-way power-hook. Available with "P" mounting only. Not available with "ER" or "MT"	A	A	A	A
UPH-35-L8-480-WH	480V Thru-way power-hook. Available with "P" mounting only.	A	A	A	A
UPH-36-XXX-WH	Pendant power-hook. Available with "P" mounting only. Not available with "ER" or "MT"	A	A	A	A
UPH-36-L8-480-WH	480V Pendant power-hook. Available with "P" mounting only.	A	A	A	A
WG-223-A	Wire guard for A and C optics only	A	—	—	—

- S** Standard - Standard product features, see steps 1-7 on page 11
- O** Option - Product options are factory installed, see step 8 on page 11
- A** Accessory - Product accessory ships separately, see step 9 on page 11
- Not Available

Contact your local sales rep for the most current option and accessory compatibility.

STANDARD FEATURES, OPTIONS AND ACCESSORIES

		Lobay V	Enduralume V	
				
Luminaire			EN	ELE
ED Ballast	Electronic HID ballast available in 320-400 watt pulse metal halide with "V" auto sensing voltage for 208, 240 and 277 voltage.	—	—	S
HID Ballast	Standard HID ballast available in 150-400 watt high pressure sodium, metal halide and pulse start metal halide	S	S	—
Housing	Heavy duty, cast aluminum ballast housing.	S	S	S
Electrical	UL/CUL labeled for damp locations, suitable for ambient temperatures up to 40°C.	S	S	S
Mounting	A variety of mountings including pendant, quick disconnect, and thru-way wiring, as well as Holoflex with a 5' or 6' cord drop	S	S	S
Finish	Standard finish is white for ballast housing and Enduralume reflector	S	S	S
09160-X	Safety chain (3' is standard)	—	O	—
09176	Safety chain (3' is standard length)	O	—	—
A35	AERS® - Automatic Energy Reduction System 35% low mode operation, low voltage AC control. Available with 250HP, 25LHP, 400HP, and 40LHP. Not available with "EM", "ISA", "ISR", "Q", "CDP", "EM" or "PHCB".	O	O	—
A50	AERS® - Automatic Energy Reduction System 50% low mode operation, low voltage AC control. Available 15AHP, 175MP, 250HP, 25LHP, 250MP, 25LMP, 25LPP, 320PP, 350PM, 35LPM, 400HP, 40LHP, 400MH, 40LMH, 400PM, 40LPM. Not available with "EM", "ISA", "ISR", "Q", "CDP", "EM" or "PHCB".	O	O	—
CD-3	3' cord only attached as an option to the electrical assembly (CD-3-PT for ELE)	O	O	O
CD-4	4' cord only attached as an option to the electrical assembly (CD-4-PT for ELE)	O	O	O
CD-5	5' cord only attached as an option to the electrical assembly (CD-5-PT for ELE)	O	O	O
CD-6	6' cord only attached as an option to the electrical assembly. (CD-6-PT for ELE)For lengths longer than 6' handle through TSG.	O	O	O
CDP-L5-15-X-PT	120V and MA NEMA 3', 3 conductor cord and plug. Attached as an option to the electrical assembly. Order "PF" also. X = length of cord in feet. 3' is standard.	O	O	—
CDP-L6-15-X-PT	208 and 240V NEMA 3', 3 conductor cord and plug. Attached as an option to the electrical assembly. Order "PF" also. X = length of cord in feet. 3' is standard.	O	O	O
CDP-L7-15-X-PT	277V NEMA 3', 3 conductor cord and plug. Attached as an option to the electrical assembly. Order "PF" also. X = length of cord in feet. 3' is standard.	O	O	O
CDP-L8-20-X-PT	347V NEMA 3', 3 conductor cord and plug. Attached as an option to the electrical assembly. Order "PF" also. X = length of cord in feet. 3' is standard.	O	O	—
CDP-L24-20-X-PT	480V NEMA 3', 3 conductor cord and plug. Attached as an option to the electrical assembly. Order "PF" also. X = length of cord in feet. 3' is standard.	O	O	—
CX-UT	Safety chain. X = length: 3 = 3', 6 = 6', 1 = 10'	—	—	O
D	Dimming with terminal block and leads	—	—	O
D35	AERS®- Automatic Energy Reduction System 50% low mode operation, low voltage DC control. Available with 250HP, 25LHP, 400HP, and 40LHP. Not available with "EM", "ISA" or "ISR".	O	O	—
D50	AERS® - Automatic Energy Reduction System 35% low mode operation, low voltage DC control. Available 15AHP, 175MP, 250HP, 25LHP, 250MP, 25LMP, 25LPP, 320PP, 350PM, 35LPM, 400HP, 40LHP, 400MH, 40LMH, 400PM, 40LPM. Not available with "EM", "ISA" or "ISR".	O	O	—
EM	Standby lighting: 120V tungsten halogen bayonet base lamp and lamp socket to provide lighting during times of temporary power interruption until the HID lamp is cool enough to restrike	O	O	O
ER	Emergency circuit lighting: 120V tungsten halogen bayonet base lamp and lamp sockets separate backup (emergency) power circuit that provides sufficient lighting during failure of the normal power supply	O	O	O
F1	Single fuse assembly. (LINE-to-LINE 240/277 volt)	O	O	O
F2	Double fuse assembly. (LINE-to-COM 208/240 volt)	O	O	O
HK	Safety hook, (.75") male. (Order HK-PT for ELE)	O	O	O
ISA	Individually Sensed High Bay, aisle way sensor. Not available with "MT", or with mogul base units (070HP, 170DHP, 15AHP, 175MH/PM)	—	O	—
ISR	Individually Sensed High Bay, 360° round sensor. Not available with "MT", or with mogul base units (070HP, 170DHP, 15AHP, 175MH/PM)	—	O	—




S Standard - Standard product features, see steps 1-7 on page 11

O Option - Product options are factory installed, see step 8 on page 11

A Accessory - Product accessory ships separately, see step 9 on page 11

— Not Available

Contact your local sales rep for the most current option and accessory compatibility.

	Lobay V	Enduralume V	
			
Luminaire		EN	ELE
LL Latch lock safety clip	—	⊙	⊙
LP Loop, (.75") male (Order LP-PT for ELE)	⊙	⊙	⊙
PHCB Powerhook cord for 120, 208, 240, 277 and 347 volt, MA, MB, MC and MD. Includes PF-105-B. Available with "P" mount only. Not available with "MT". (Order PHCB-PT for ELE)	⊙	⊙	⊙
PHCB-L8-480 Power-hook cord for 480 volt. Available with "P" mount only.	⊙	⊙	—
PF-129 ² Anti-rotational hook, (.75") male. Available with "P" mount only.	⊙	⊙	⊙
PF-291 ² Safety hook (.75") male. Available with "P" mount only.	⊙	⊙	⊙
PS HPS protected starter. (HPS only)	⊙	⊙	—
W Wet location. Not available with "ER", "CDP", "PHCB", "F1" or "F2"	⊙	⊙	—
HOOK455 Safety hook, (.75") DN20NPT male	A	A	A
LAMP Appropriate HID lamp	A	A	A
LOOP456 Loop, (.75") DN20NPT male	A	A	A
PF-105-B Cast malleable iron loop assembly, (.75") male	—	A	A
PF-116-A Cast malleable iron loop, (.75") female	A	A	A
PF-121-A Cast malleable iron safety hook assembly, (.75") male	—	A	A
PF-122-A Safety hook assembly, (.75") female	A	A	A
PF-129-A Anti-rotational hook, (.75") male	A	A	A
PF-291 Universal gasketed hook, (.75") male	A	A	A
PHOTOC Photocell sensor. Must order "D" dimming option	—	—	A
UPH-35-XXX-WH Thru-way power-hook. Available with "P" mounting only. Not available with "ER" or "MT"	A	A	A
UPH-35-L8-480-WH 480V Thru-way power-hook. Available with "P" mounting only.	A	A	A
UPH-36-XXX-WH Pendant power-hook. Available with "P" mounting only. Not available with "ER" or "MT"	A	A	A
UPH-36-L8-480-WH 480V Pendant power-hook. Available with "P" mounting only.	A	A	A
WG-221 Wire guard for optics	—	A	A

- S** Standard - Standard product features, see steps 1-7 on page 11
- ⊙** Option - Product options are factory installed, see step 8 on page 11
- A** Accessory - Product accessory ships separately, see step 9 on page 11
- Not Available

Contact your local sales rep for the most current option and accessory compatibility.



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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.

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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 left 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.

Product specifications may change without notice. Please contact your local Holophane factory sales representative for the latest product information.



Mixed Sources

Product group from well-managed forests, controlled sources and recycled wood or fiber

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