



HID HIGH BAYS

PRODUCT CATALOG



HOLOPHANE[®]
LEADER IN LIGHTING SOLUTIONS

experience
lighting's
best.



HIGH BAYS

WHATEVER THE TASK, HOLOPHANE OFFERS A WIDE SELECTION OF OPEN AND ENCLOSED HID LUMINAIRES FOR HIGH BAY ENVIRONMENTS. SEVERAL FIXTURES PROVIDE A UNIQUE BALANCE OF UPLIGHT AND DOWNLIGHT, CREATING A VISUALLY APPEALING ATMOSPHERE WITH MINIMAL SHADOWS. THE UPLIGHT REDUCES CONTRAST AND ALSO ELIMINATES THE “CAVERN EFFECT” THAT IS OFTEN COMMON IN APPLICATIONS WITH HIGHER CEILINGS.



Because industrial and commercial tasks require both vertical and horizontal illumination, Holophane offers luminaires that have the ability to do both. Fixtures are also available with different lighting distributions — long and narrow, square or asymmetric — to enhance worker performance and illuminate hard-to-light areas.

Depending upon the application, designers may select enclosed luminaires with a tempered glass enclosure that are ideal for chemical and processing plants, textile mills and other environments where lamps must be protected from fluid splash or particles in the air. Holophane high bay fixtures are rated for a wide range of ambient temperatures and may be used with a variety of lamps and wattages.

INDOOR LIGHTING



Enduratron®



Enduratron® Enclosed



Prismalume®



Prismalume® Enclosed



RE Luminaire



Twin Series



Prismpack® V



Prismpack® V Enclosed



CentaGlo®



Cranelite®



ENDURATRON®

HOLOPHANE'S ELITE SERIES OF LUMINAIRES BRINGS TO THE MARKET THE INTRODUCTION OF ENDURATRON. HOLOPHANE'S ELECTRONIC HID BALLAST COUPLED WITH THE PATENTED ISD SUPERGLASS® HAS SUPERIOR PERFORMANCE IN TERMS OF LIGHT QUALITY, LIGHT DISTRIBUTION AND ENERGY SAVINGS



Enduralume
(Open optics, uncovered)



Enduralume
(Enclosed optics, uncovered)



Enduralume
(Enclosed optics, covered)



Enduralume
(Open optics, covered)

FEATURES AND BENEFITS

- Electronic HID ballast provides increased energy savings
- Flow through ventilation reduces dirt accumulation and maintenance costs
- ISD SuperGlass® technology increases fixture efficiency
- One piece assembly provides ease of maintenance

TYPICAL APPLICATIONS

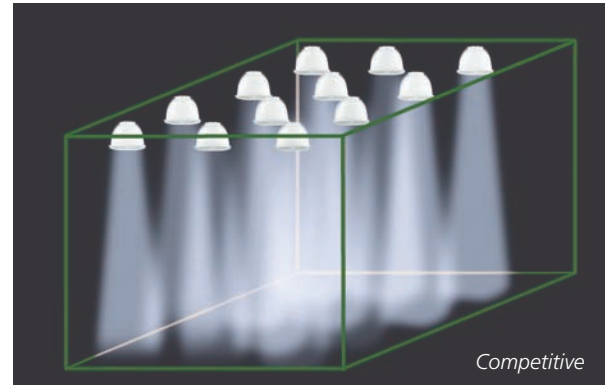
- Industrial Applications
- Manufacturing
- Warehouses
- Institutional Facilities
- Big Box Retail
- Commercial
- Municipalities

ISD SUPERGLASS TECHNOLOGY

IDEAL SYNERGETIC DISTRIBUTION

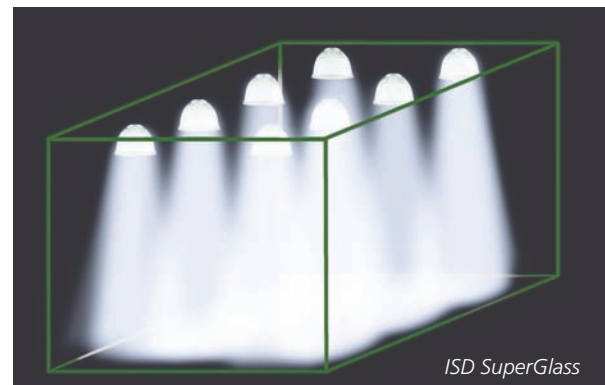
Holophane's quest for the simplification of the lighting design process while significantly improving performance, required a revolutionary departure from existing reflector technology.

IMPROVED UNIFORMITY AND REDUCED FIXTURES

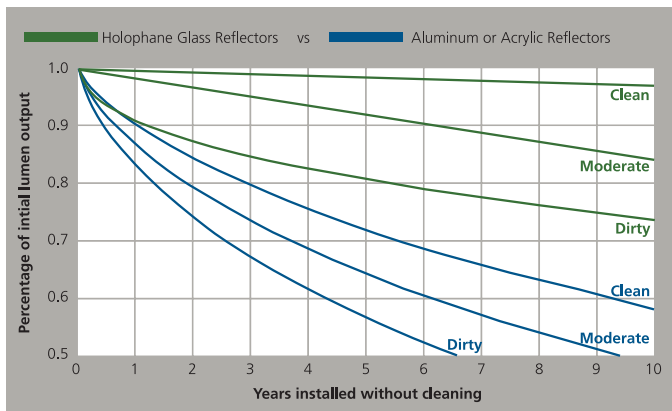


When light is reflected on a workplane, such as an inspection table in an industrial plant, it should benefit all the users of that space. Unfortunately, in some cases, the distribution of light and shadows from a luminaire adversely affects one's comfort level and visual perception of that space.

Most luminaires are designed and optimized to perform as a single unit. However an application requires a system or set of luminaires. With that in mind, Holophane's luminaires with ISD SuperGlass were designed to work in concert with each other. This solution provides you with the best of both worlds, efficiency without sacrificing uniformity. As a result, you have an energy efficient and visually pleasing environment.



LDD: LUMINAIRE DIRT DEPRECIATION



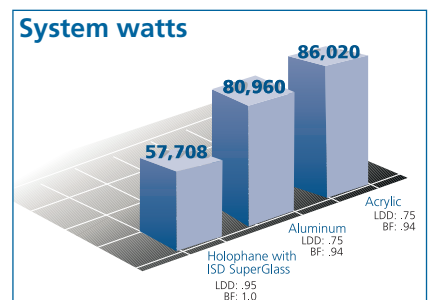
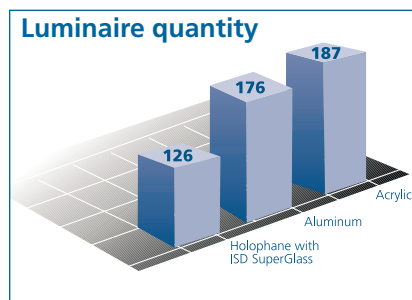
With Holophane's open reflector designs, Luminaire Dirt Depreciation is dramatically lower than with aluminum or acrylic reflectors. Glass is an inert material that resists taking on the electrostatic charges that attract dirt. With the heat that is generated by the lamp, a constant flow of hot air creates a "venturi effect" that minimizes dirt buildup. Unlike other materials, glass can be easily cleaned and brought back to 100% efficiency. The advantages of glass over other reflector materials are as follows:

- Electrically neutral; does not attract dirt
- Low maintenance
- High impact strength
- Thermal stability
- UV resistant
- Resistant to most chemicals
- Precise optical control
- Glare reduction

ADVANTAGES OF BOROSILICATE GLASS OVER ACRYLIC AND ALUMINUM

Holophane luminaires featuring ISD SuperGlass perform drastically better than other standard HID systems. This means significantly lower initial and operating costs for you over the life of this product.

System Parameters:
 300' x 200' space
 50/30/20 reflectances
 Target Illuminance: 50fc
 Lamp: 400W pulse MH



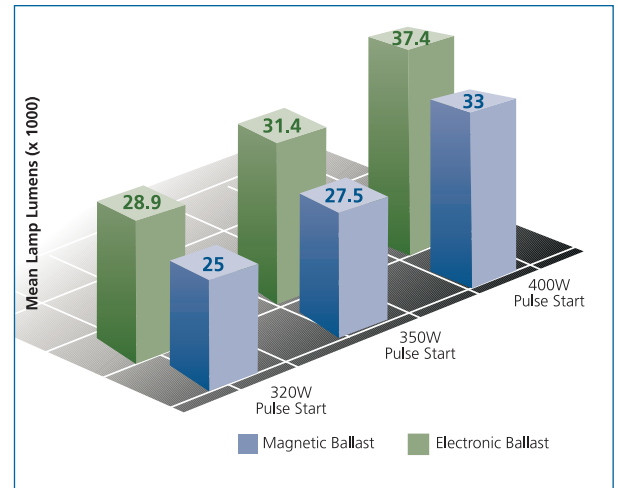
ELECTRONIC BALLAST TECHNOLOGY

PERFORMANCE ADVANTAGE OF AN ELITE SERIES BALLAST



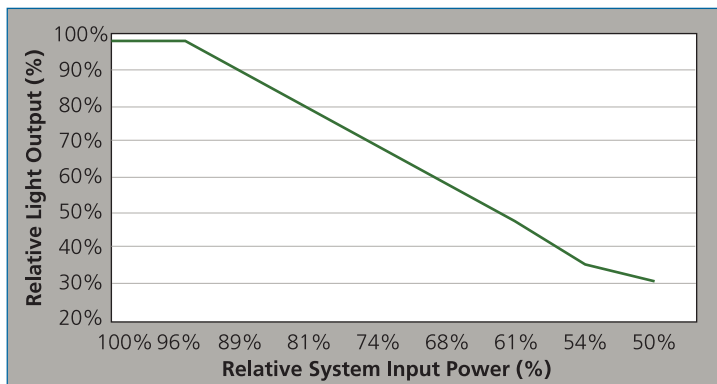
- Increased energy savings
- Low noise/hum
- Low ballast losses
- Reduced stroboscopic effect
- Minimal color shift while dimming
- Controllable sensors/programming

LAMP LUMEN OUTPUT



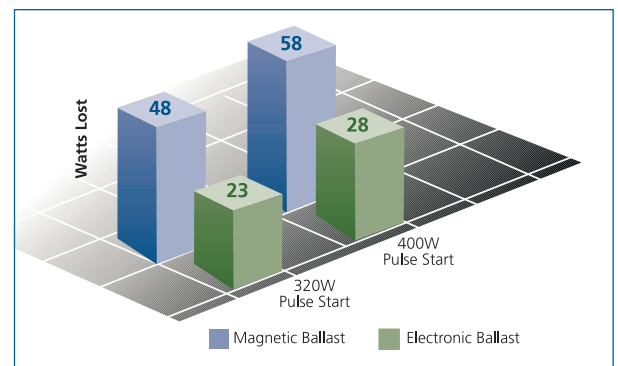
Electronic ballast technology improves lamp lumen depreciation in pulse start metal halide lamps. Mean lumen output is increased by 13% on pulse start lamps.

DIMMING



Continuous dimming is ideal for daylight harvesting by working in concert with natural light to maintain a constant light level in the space. The Elite Series, with its ability to continuously dim to 50% power, reduces energy costs by lowering input power to the system. This capability offers greater design flexibility and provides even more energy savings during periods when spaces are unoccupied.

BALLAST EFFICIENCY

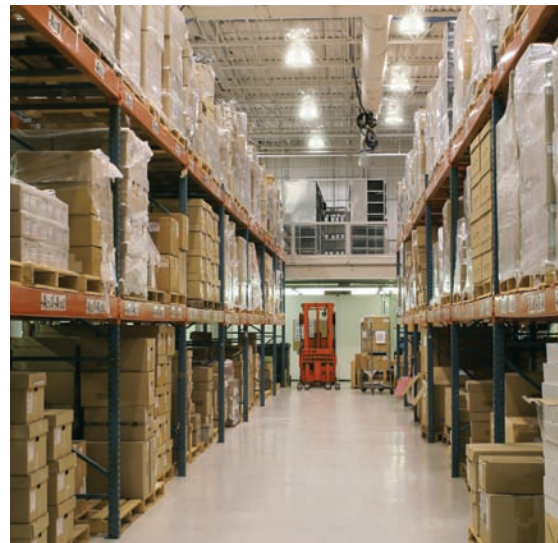


The Elite Series family of ballasts has significantly less losses than standard magnetic ballasts resulting in higher average light output per watt.



APPLICATIONS

ENDURATRON LUMINAIRES ARE IDEAL FOR INDUSTRIAL, MANUFACTURING, GYMNASIUMS, COMMERCIAL AND RETAIL APPLICATIONS. THE PRISMATIC BOROSILICATE GLASS REFLECTOR HAS A SMOOTH INNER SURFACE WHICH HAS IMPROVED DIRT DEPRECIATION, REQUIRES FEWER LUMINAIRE CLEANINGS, AND DELIVERS MORE MAINTAINED LIGHT; THUS LOWER OPERATING COSTS.



Manufacturing Facilities

Holophane’s electronic HID ballast provides exceptional energy savings for the discerning customer. Combined with Holophane’s ISD SuperGlass technology, the Enduratron luminaire can provide the same illumination levels using lower wattage or fewer fixtures than the competition. Excellent thermal management from flow through ventilation, internal heat sinks, and concentric cooling rings, extends ballast life reducing your overall operating costs. The one piece assembly allows for quick and easy installation.

Institutional Facilities

Gymnasiums, cafeteriums, swimming pools, field houses and auditoriums require a multi-purpose lighting system. The Enduratron luminaire provides quiet operation and allows continuous dimming to 25% light output to accommodate the many varied events often occurring within today’s learning institutions.

Retail

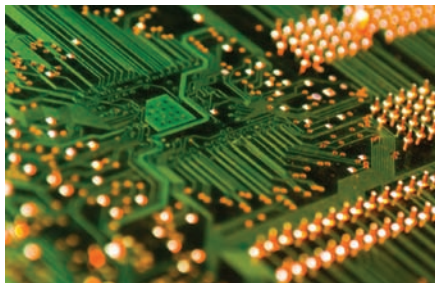
For the ultimate in energy savings, Holophane’s latest generation of electronic HID ballasts, available in 320 watt to 400 watt probe start and pulse start metal halide, is ideal for the increasingly competitive retail industry. The merchandising objective is to create environments that positively influence the buying decision – the Enduratron luminaire’s stylish appearance in a variety of color finishes combined with Holophane’s ISD SuperGlass technology does just that.

Convention Centers

Convention centers normally require a degree of control in their lighting systems to accommodate the various lighting schemes dependent upon the scheduled event. With the Enduratron luminaire’s optional micro-processor based integrated controls, multiple light levels can be achieved through daylight harvesting, timers, occupancy sensors, continuous dimming or programmable logic.



Electronic HID Ballasts are available in a choice of two housing styles and are significantly more efficient at operating lamps at full wattage. The Elite Series ballast consumes as little as 23 watts per 320W lamp. That's an improvement of 43% over electromagnetic ballasts.



Thermal Management The electrical housing features concentric cooling fans or a flow through ventilation system and was designed specifically to solve any thermal concerns. All luminaires are rated 40°C and UL/CUL listed.



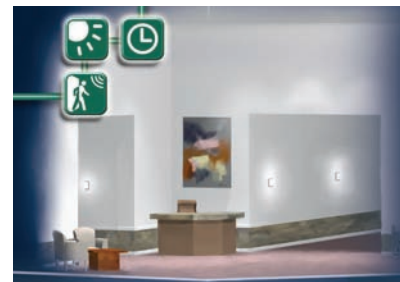
ISD SuperGlass® provides high efficiency coupled with great uniformity, resulting in the best performance in the industry. Available in wide, narrow, upright and minimal upright distributions



Improved Lumen Maintenance
Electronic HID ballasts improve lamp lumen maintenance in pulse start lamps by over 13%, providing more lamp lumens per watt over electromagnetic ballasts.



Zinc Plated Steel Rods and Rings support and protect the glass reflector



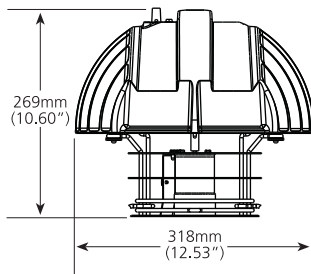
Compatible Controls optimizes building performance and results in even greater energy savings.

ORDERING INFORMATION

BALLAST DIMENSIONAL DETAILS



Maximum Weight:
8.16 kg (18 lbs)



Electrical Characteristics

- 1.0 ballast factor and 1.0 power factor
- THD < 15%
- 208/240/277 VAC, 50/60Hz supply voltage
- 50,000 hours mean life
- $\pm 3.0\%$ wattage regulation at $\pm 10\%$ voltage variation
- 1 cycle power carry through
- 320/350/400 watt PMH, pulse start
- 210/315 watt PMH, ceramic
- 0-10 VDC dimming control
- EMI/RFI compliant

PERFORMANCE SPECIFICATIONS

General

Complete luminaire shall be Holophane Enduratron catalog number _____.

Total assembly shall include electrical components, optical components, mounting hardware, and reflector support brackets.

The complete luminaire shall be listed by Underwriters Laboratories, Inc. as suitable for damp locations in specified ambient temperatures. Luminaires shall be so rated in any combination of hook, cord and plug, hard-wired pendant mount, or Holoflex modular wiring system.

The cast aluminum ballast housing shall be protected by a seven stage 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. All other hardware shall be either pre-galvanized or zinc plated steel for corrosion protection.

The prewired porcelain-enclosed lamp holder with corrosion resistant nickel plated lamp grip screw shell shall be factory set. When applicable, the zinc plated steel reflector support brackets shall provide for full ventilation.

Optical Assembly

Glass optical assemblies for the HID electronic ballast shall consist primarily of Endural® prismatic borosilicate glass. Glass reflectors may, where applicable, be covered on their outer surface by anodized aluminum covers.

Ballast Components

The HID electronic ballast shall be provided with integral color coded leads. This electronic ballast shall be multi-voltage capable and shall

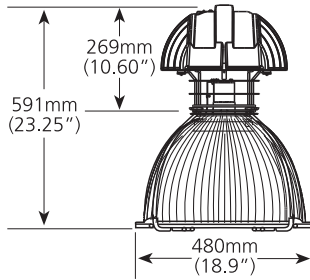
operate from a nominal voltage range of 208 – 277 volts AC. The electronic ballast shall have a system efficiency of greater than 93% under full lamp operation. It shall be FCC compliant for EMI/RFI as per parts 18.305 and 18.307. Total harmonic current distortion shall be less than 15%. Starting input 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. When specified, ballast shall be capable of powering one 315W ceramic metal halide lamp. Lamp wattage shall not vary more than $\pm 3.0\%$ for a $\pm 10\%$ 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.

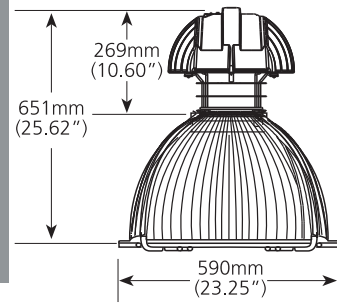
Dimming control is to be of the common 0–10 volt DC. 0-10VDC dimming control voltage shall be derived from the ballast, not an externally imposed source. Dimming shall range from 100% down to no less than 50% of input power. Automatic over temperature protection shall be provided. The ballast shall carry 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.

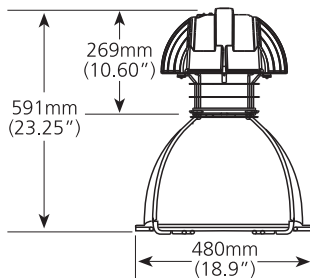
DIMENSIONAL DETAILS



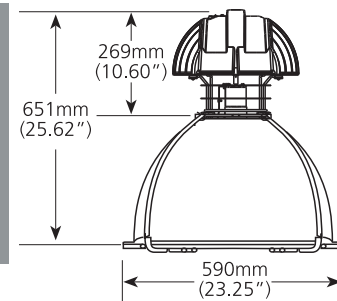
ED
(Open Optic, Uncovered)
Maximum Weight: 15.73 kg (34.7 lbs.)



ED
(Enclosed Optic, Uncovered)
Maximum Weight: 20.4 kg (45 lbs.)



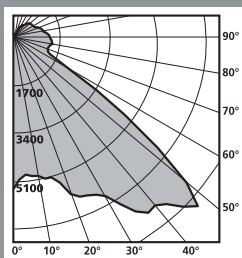
ED
(Enclosed Optic, Covered)
Maximum Weight: 15.73 kg (34.7 lbs.)



ED
(Open Optic, Covered)
Maximum Weight: 20.4 kg (45 lbs.)

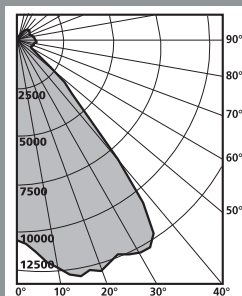
DISTRIBUTIONS

6611, Wide Optic



ED32PPE00WGO
Eduatron
Lamp: 320W Clear MPP
Lumens: 31000
Watts: 320
Spacing Criteria: 1.9
Luminaire Efficiency: 94.6%

6612, Narrow Optic



ED32PPE00NGO
Eduatron
Lamp: 320W Clear MPP
Lumens: 31000
Watts: 320
Spacing Criteria: 1.3
Luminaire Efficiency: 94.5%

PREFERRED SELECTIONS:

Most Frequently Ordered Catalog Numbers

ED	32PPE	V	N	G	O	W	P	D
1	2	3	4	5	6	7	8	9
LUMINAIRE	WATTAGE	VOLTAGE	OPTICS	OPTICAL MTG	CONFIGURATION	FINISH	MOUNTING	OPTIONS
ED	21PME 31PME 32PPE 35PPE 40PPE	V	N W	G	O	W	P	D

CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

(Pricing and lead times may be affected)



STEP 1: LUMINAIRE

ED Enduratron

Maximum Weight: 8.16 kg (18 lbs)

STEP 2: SOURCE AND WATTAGE

Electronic Pulse

21PME¹ 210W MH, MasterColor® CDM Elite MW*

31PME¹ 315W MH, MasterColor® CDM Elite MW*

32PME² 320W MH

32PPE² 320W MH, protected

35PME² 350W MH

35PPE² 350W MH, protected

40PME² 400W MH

40PPE¹ 400W MH, protected

¹ Not available with open configuration
² Standard mogul base lamps are not compatible. Must use open rated lamps only

STEP 3: VOLTAGE

V 208, 240, 277 Auto Sensing

STEP 4: OPTICS

H 6613, wide distribution
N 6612, narrow distribution
W 6611, wide distribution

N - 6612
Maximum Weight: 12.26 kg (27 lbs.)

W - 6611, H-6613
Maximum Weight: 7.57 kg (16.7 lbs.)

STEP 5: OPTICAL MOUNTING

C Aluminum cover with rods and rings
G Optical with rod and rings

STEP 6: OPTICAL CONFIGURATION

E Enclosed
O Open

STEP 7: FINISH

K Black paint
L Satin nickel
W White paint

STEP 8: MOUNTING

A¹ Holoflex, 6' cord drop
N Non-disconnect, thru wiring
P Pendant
Q Quick disconnect
S Holoflex II, 5' cord drop

¹ UL listed for dry location only

STEP 9: OPTIONS

Factory Installed.
 See page 80 for a complete list of options and product availability

STEP 10: ACCESSORIES

Ships Separately.
 See page 80 for a complete list of accessories and product availability

* MasterColor is a registered trademark of Philips Lighting



PRISMALUME®

ROBUST DESIGN CHARACTERIZES PRISMALUME LUMINAIRES, FROM CORROSION RESISTANT MATERIALS AND COATINGS TO LONG LASTING BOROSILICATE PRISMATIC GLASS REFLECTORS. THE ENGINEERED COMBINATION OF UPLIGHT AND DOWNLIGHT PROVIDES SUPERIOR VERTICAL ILLUMINATION FOR A VARIETY OF APPLICATIONS.





Primalume PRSL
(6611 optics)

Primalume PRSL
(6612 optics)

Primalume PS
(6611 optics)

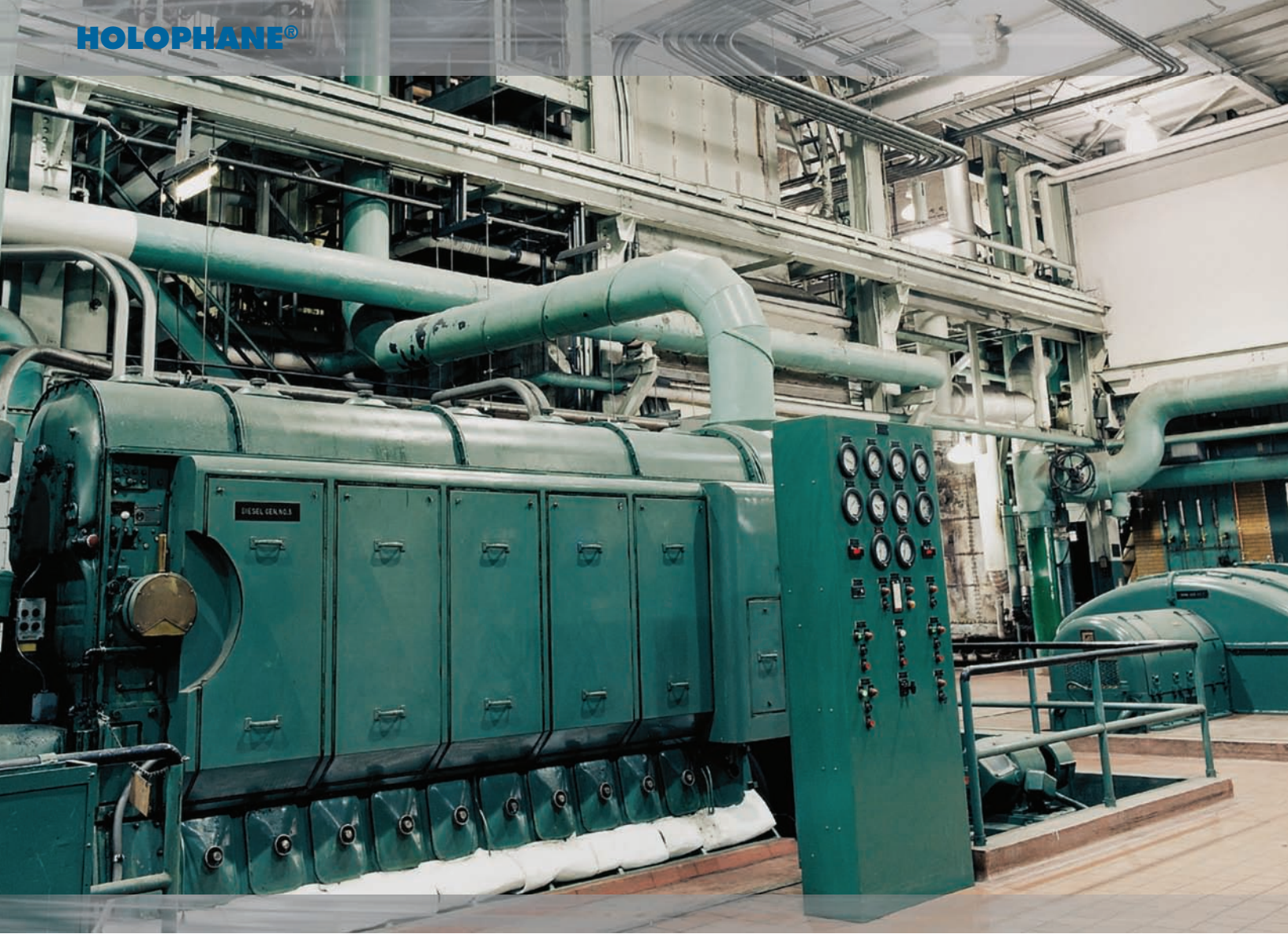
Primalume PS
(6612 optics)

FEATURES AND BENEFITS

- ISD SuperGlass® technology increases fixture efficiency
- Tool-less mechanisms and open glass optics simplifies and optimizes installation and maintenance
- Choice of factory set distributions ensures proper photometric performance and eases installation
- Die cast aluminum ballast housing and polyester powder paint provides longevity and reliability

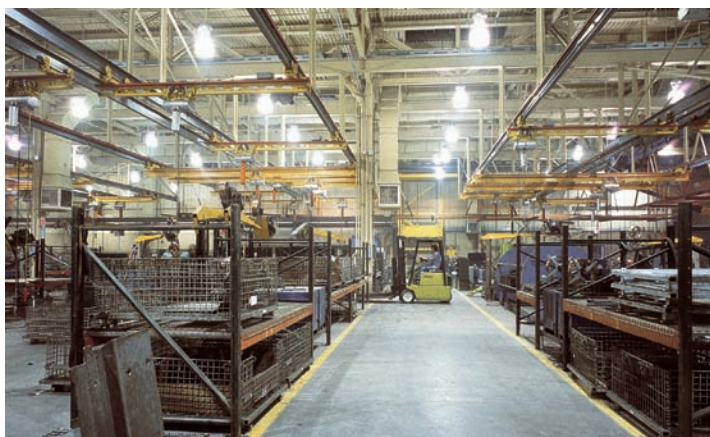
TYPICAL APPLICATIONS

- Manufacturing
- Retail Stores
- Gymnasiums
- Assembly Areas
- Warehouses
- Convention Centers
- Distribution Centers



APPLICATIONS

PRISMALUME LUMINAIRES ARE PERFECT FOR A VARIETY OF HEAVY-DUTY HIGH BAY APPLICATIONS INCLUDING INDUSTRIAL, COMMERCIAL AND EDUCATIONAL FACILITIES.



Manufacturing

Machinery and other manufacturing equipment along with the surrounding area all affect a worker's ability to see and produce products efficiently, safely and to exacting standards. The value provided by Primalume reflectors is the result of a precise combination of horizontal and vertical footcandles. This balanced illumination improves the ability to see and provides an overall improved level of visual comfort.

Gyms and Field Houses

Most sports facilities such as gymnasiums, swimming pools, and field houses require a multi-purpose lighting system.

Some activities such as basketball, tennis, and volleyball require high vertical illumination while controlling direct glare. Other activities such as swimming, skating, and hockey require well distributed horizontal illuminance. In all cases, Primalume, with its wide range of optical selections will meet the needs of these rigorous applications.

Retail

The sparkling permanence of the Primalume glass reflector is a must in retail applications. Visually appealing, efficient illumination from a Primalume luminaire is the optimum lighting choice for retail applications.

Primalume luminaires provide excellent uniform illumination to guide customers through aisleways and superior vertical illumination where goods are displayed for easy product identification. Interior store signage is brightly illuminated by the upward component of light from Primalume luminaires.

Distribution Centers

Primalume reflectors provide maximum efficiency for flexibility of design. The unique prismatic glass reflector system coupled with a wide selection of HID lamps and wattages means an extensive choice of distributions are available to tailor your lighting design to the application.

The unique balance of uplight and downlight from Primalume luminaires provides outstanding lighting solutions for countless applications.

INDUSTRIAL



SPORTS



RETAIL





Heavy Duty Die Cast Ballast Housing is available in two sizes, supports optics and is pretreated and coated with electro-statically deposited thermoset polyester white powder paint.



Zinc Plated Steel Yoke quickly secures reflector to housing for long life and easy installation.

Dual Action Suspension Lugs are non-adjustable, easily installed, properly positions and sets the reflector in place for designed photometrics.

Variety of Mounting Options available in quick disconnect, pendant and thru-wiring power hanger mountings.



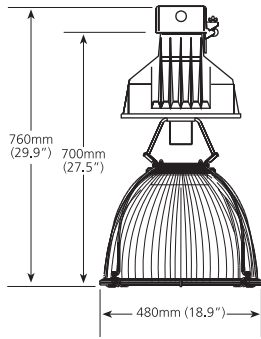
Zinc Plated Steel Rods and Rings supports and protects glass reflector.

ISD SuperGlass® provides high efficiency coupled with great uniformity, resulting in the best performance in the industry. Available in wide and narrow distributions. Open prismatic borosilicate glass reflector provides a low electrostatic charge and minimizes dirt build-up, while providing longevity and the ultimate in sustainability.

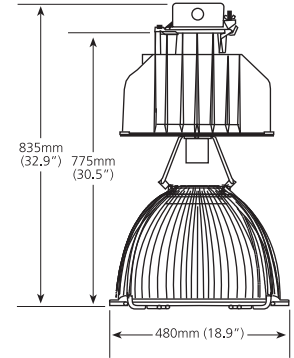


ORDERING INFORMATION

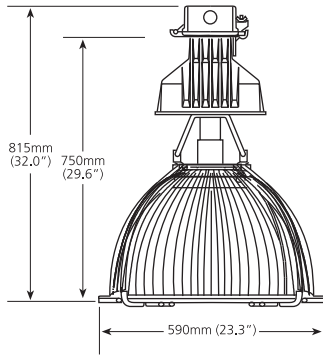
DIMENSIONAL DETAILS



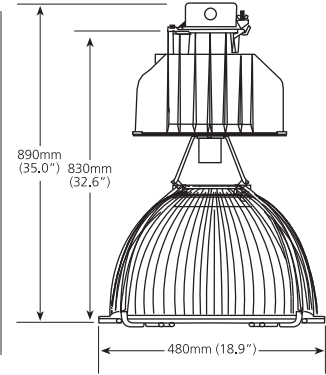
PRSL
(6611/6631 optic)
Maximum Weight: 19.37 kg (42.7 lbs.)



PS
(6612 optic)
Maximum Weight: 31.8 kg (70.7 lbs.)



PRSL
(6612 optic)
Maximum Weight: 24.04 kg (53 lbs.)



PS
(6612 optic)
Maximum Weight: 36.7 kg (81 lbs.)

PERFORMANCE SPECIFICATIONS

Complete luminaire shall be Holophane Prismalume catalog number _____. The luminaire shall consist of two sub-assemblies: ballast assembly containing the electrical components, mounting hardware and reflector attachment lugs; and optical reflector. It shall have passed .5g accelerated fatigue vibration test, high ambient temperature test of _____, and provide for lamp starting in 20°F (MH), -40°F (HPS) ambients.

The complete luminaire shall be UL listed to US and Canadian safety standards, Inc. as suitable for use in damp location ambients of up to 55°C as standard, 65°C optional.

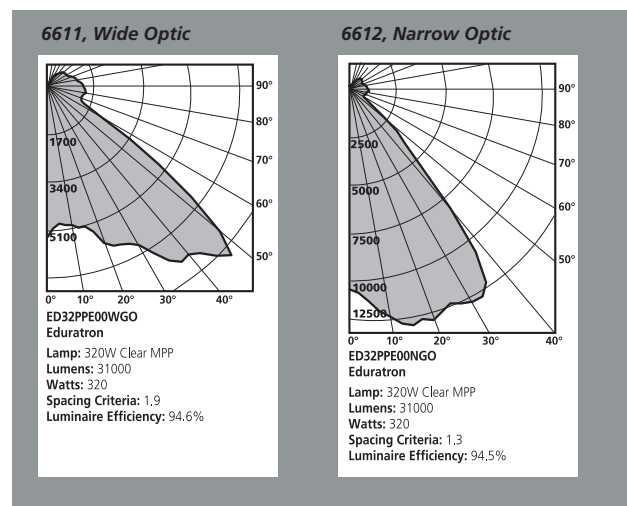
The cast aluminum ballast housing shall be protected by a seven stage phosphate pretreatment followed by a sprayed on and cured polyester powder paint. This finish is tested in accordance with ASTM standards for hardness, humidity, impact and salt spray resistance to prevent cross hatch creep, fading,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

The pre-wired, porcelain enclosed lamp holder with corrosion resistant, nickel plated lamp grip screw shell, shall be factory set for optimum distribution. The zinc plated steel, reflector attachment yoke shall have swingover locking lugs and provision for full ventilation and optional safety chain. No tools shall be required to attach or detach the reflector from the housing while installed.

Optical Assembly

Glass reflector shall be Endural® prismatic borosilicate glass with a minimum wall thickness of 3mm (.13"). Reflector shall be supported by three 5mm (.19") min. dia. steel rods bolted to a bottom retaining ring made of concentric rings of 6mm (.22") min. dia. steel rod.

DISTRIBUTIONS



PREFERRED SELECTIONS:

Most Frequently Ordered Catalog Numbers

PRSL	250PP	12	Q	H11	F1	PF-291
1	2	3	4	5	6	7
LUMINAIRE	WATTAGE	VOLTAGE	MOUNTING	OPTICS	OPTIONS	ACCESSORIES
PRSL PS	250PP 320PP 350PP 400PP 750HP	12 MA MD	N P Q	H11 H12 Q11 Q12	F1	PF-291

CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

(Pricing and lead times may be affected)



STEP 1: LUMINAIRE

PRSL Prismalume, 150 - 400 watt
PS Prismalume, 750 - 1000 watt

PRSL
Maximum Weight: 11.8 kg (26 lbs)

PS
Maximum Weight: 24.5 kg (54 lbs)

STEP 2: SOURCE AND WATTAGE

PRSL
HIGH PRESSURE SODIUM
15AHP 150W/55V HPS
250HP 250W HPS
400HP 400W HPS
Energy Saving
25LHP 250W HPS
40LHP 400W HPS
METAL HALIDE
175MP¹ 175W MH, protected
250MP¹ 250W MH, protected
400MP¹ 400W MH, protected
Energy Saving
25LMP¹ 250W MH, protected
40LMP¹ 400W MH, protected
PULSE START METAL HALIDE
250PP² 250W PMH, protected
320PP² 320W PMH, protected
350PP² 350W PMH, protected
400PP² 400W PMH, protected

¹ Not available for shipment in US after Dec. 31, 2008, due to EISA legislation
² Meets US Federal EISA legislation

STEP 2: SOURCE (CONTINUED)

Energy Saving
25LPP² 250W PMH, protected
35LPP² 350W PMH, protected
40LPP² 400W PMH, protected

PS
HIGH PRESSURE SODIUM
750HP³ 750W HPS
CP1HP 1000W HPS, compact
C10HP 1000W HPS
METAL HALIDE
C10MP 1000W MH, protected

¹ Not available for shipment in the US after Dec. 31, 2008, due to EISA legislation
² Meets US Federal EISA legislation
³ Not available with multi-voltage

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
VT¹ Vari-tap for 120, 277, 347V

¹ Must be handled through TSG
² Available with 250HP, 250MP, 250PP, 25LPP, 320PP, 350PP, 35LPP and 400MP only

STEP 4: MOUNTING

P Pendant Mount, .75" NPT Conduit
Q¹ Quick Disconnect Power Hanger
N² No Quick Disconnect Power Hanger

¹ Not available with "CDP", "PCHB", or "PF"
² CP10HP available with N mounting but without thru-wiring

STEP 5: OPTICS

Select catalog number from the chart

6611
Maximum Weight: 7.57 kg (16.7 lbs.)

6612
Maximum Weight: 12.26 kg (27 lbs.)

Spacing to Mtg. Ht. Ratio	HIGH PRESSURE SODIUM Lamp Source and Wattage		
	150W	250W	400W
0 - 1.2	L12	L12	I12
1.2 - 2.2	Q11	L11	I11
	750W	CP10HP	C10HP
0 - 1.2	W12	H12	F12
1.2 - 2.2	W11	H11	F11

Spacing to Mtg. Ht. Ratio	METAL HALIDE Lamp Source and Wattage		
	175W	250W	320W
0 - 1.2	Q12	Q12	Q12
1.2 - 2.2	Q11	Q11	Q11
	400W	C10MP	
0 - 1.2	H12	Y12	
1.2 - 2.2	H11	Y11	

STEP 6: OPTIONS

Factory Installed.
See page 81 for a complete list of options and product availability

STEP 7: ACCESSORIES

Ships Separately.
See page 82 for a complete list of accessories and product availability



PRISMALUME® ENCLOSED

PRISMATIC GLASS REFLECTORS WITH TEMPERED GLASS CLOSURES ENSURE A LONG LASTING, DURABLE LIGHTING LUMINAIRE. A FULL RANGE OF WATTAGES AND LAMP TYPES COUPLED WITH AN ASSORTMENT OF OPTICAL DISTRIBUTIONS, RESULTS IN AN ENERGY EFFICIENT DESIGN WITH SUPERIOR PERFORMANCE. THE PRISMALUME ENCLOSED LUMINAIRE ALSO MEETS SAFETY REQUIREMENTS FOR CONTAINING NON-PASSIVE LAMP FAILURE.



Primalume Enclosed PE
(6611 optics)



Primalume Enclosed PE
(6612 optics)



Primalume Enclosed EP
(6611 optics)



Primalume Enclosed EP
(6612 optics)



Primalume Enclosed EGH
(Remote Ballast)

FEATURES AND BENEFITS

- ISD SuperGlass® technology increases fixture efficiency
- Tool-less mechanisms and open glass optics simplifies installation and optimizes maintenance
- Tempered glass bottom enclosures and husk enclosure keeps uninvited particles out and ensures containment of lamp within the fixture

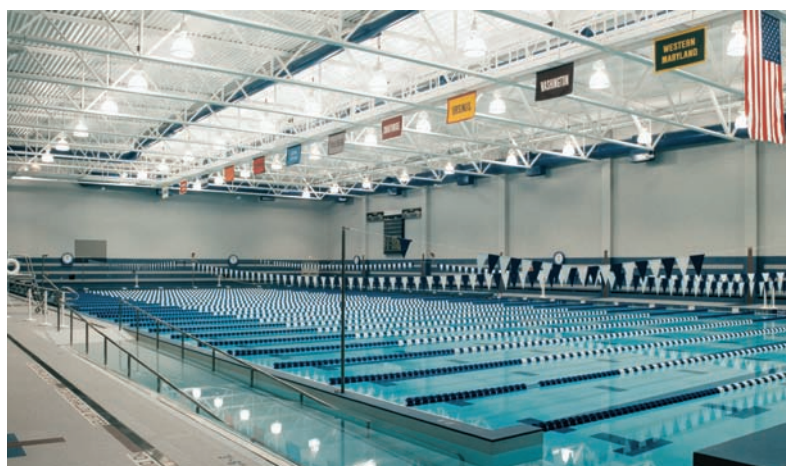
TYPICAL APPLICATIONS

- Assembly Areas
- Inspection Areas
- Warehouses
- Paper Mills
- Natatoriums
- Chemical Plants
- Textile Mills
- Retail Malls



APPLICATIONS

THE PRISMALUME ENCLOSED LUMINAIRE IS THE PERFECT SOLUTION FOR A VARIETY OF INDUSTRIAL AREAS WHERE AN ENCLOSED LUMINAIRE IS ESSENTIAL. CHEMICAL PLANTS, TEXTILE MILLS, PROCESSING PLANTS AND GYMNASIUMS ARE A FEW TYPICAL APPLICATIONS FOR THE PRISMALUME ENCLOSED LUMINAIRE.



Chemical Plants

Two criteria when designing lighting for an industrial area are safety and performance. The Primalume Enclosed luminaire comes standard with safety features such as tool-less entry into the optical assembly and the fiberglass gasketed husk. This product meets the safety requirements for containing non-passive lamp failures. Our prismatic glass reflectors provide superior vertical and horizontal illumination on the work plane resulting in a uniformly lit area utilizing a smaller quantity of luminaires.

Natatoriums

Another nice feature of the Primalume Enclosed luminaire is its ruggedness. It can withstand the environmental conditions specific to this application such as humidity. Steel rods connect the optics to the ballast housing and our polyester powder paint can stand up to harsh chemicals such as chlorine. No shadows, no glare, no worry - your athletes can concentrate on their performance, not ours.

Paper Mills

The combination of the glass reflector and enclosed optics minimizes the dirt depreciation of the luminaire. A simple wiping of the smooth inner surface of the glass reflector and the top and bottom surface of the tempered glass door will restore efficiency to initial output. Stainless steel latches on the hinged door enclosure provide easy tool-less access to the lamp and a tight gasket seal.

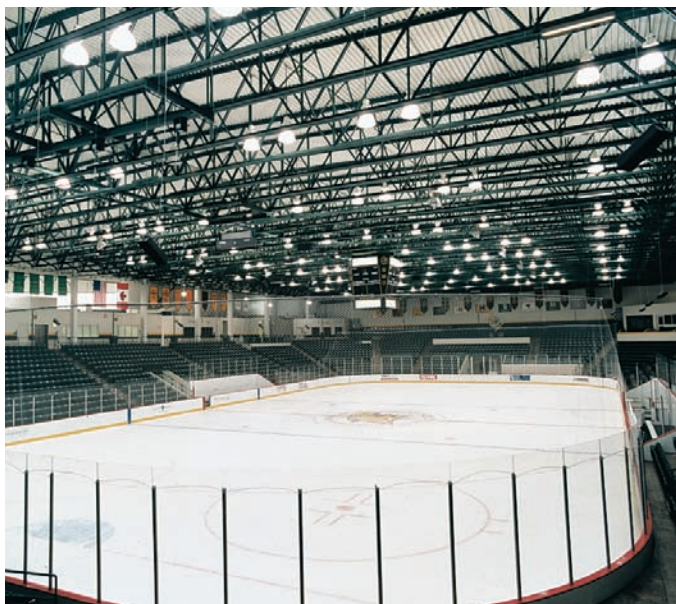
Retail

Consumers are seeking more aesthetically pleasing environments. Therefore, retailers must consider the manner in which they display their goods. The Primalume luminaire's stylish appearance and uniform light distribution provide the retailer with good, general lighting without unsightly yellowing or discoloration of the optics.

INDUSTRIAL



SPORTS



COMMERCIAL





PE

EP

Variety of Mounting Options available in quick disconnect, pendant and thru-wiring power hanger mountings.

Heavy Duty Die Cast Aluminum Ballast Housing is pretreated and coated with electrostatically deposited thermoset polyester powder white paint.



Optional "Quick Disconnect Hanger" provides application flexibility and "disconnect under load" capability.



Non-deteriorating Fiberglass Gasket allows the luminaire to breathe, while sealing out contaminants.



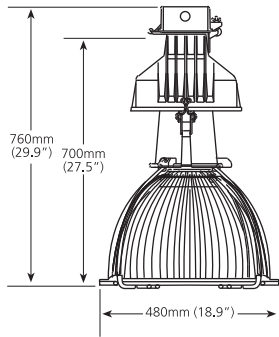
Non-obstructing Gasketed, Hinged Door provides a means for quick and easy maintenance.

ISD SuperGlass® provides high efficiency coupled with great uniformity, resulting in the best performance in the industry. Available in wide and narrow distributions.

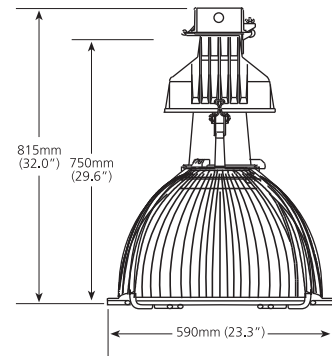


ORDERING INFORMATION

DIMENSIONAL DETAILS



PE
(6611/6631 optic)
Maximum Weight: 20.27 kg (44.7 lbs.)



PE
(6612 optic)
Maximum Weight: 24.95 kg (55 lbs.)

PERFORMANCE SPECIFICATIONS

Complete luminaire shall be Holophane Prismalume Enclosed catalog number _____. The luminaire shall consist of two sub-assemblies: ballast assembly containing the electrical components, mounting hardware and reflector attachment latches; and optical reflector. It shall have passed 0.5g accelerated fatigue vibration test, high ambient temperature test of _____ and low ambient temperature test of -30°C.

The complete luminaire shall be listed by Underwriter Laboratories, Inc. as suitable for use in damp location ambients of up to 55°C as standard and be CUL listed.

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 creep, fading, cracking, and other corrosion related deterioration. Mounting hooks and loops shall be self lubricating malleable cast iron and protected against corrosion with zinc plated chromate finish. All other hardware shall be zinc plated steel for corrosion protection.

Optical Assembly

Glass reflector shall be Endural® prismatic borosilicate glass with a minimum wall thickness of 3 mm (.13") and be supported from a die cast socket housing with three 5 mm (.19") minimum diameter steel rods bolted to a bottom retaining ring made of 16 gauge zinc plated clear chromate steel.

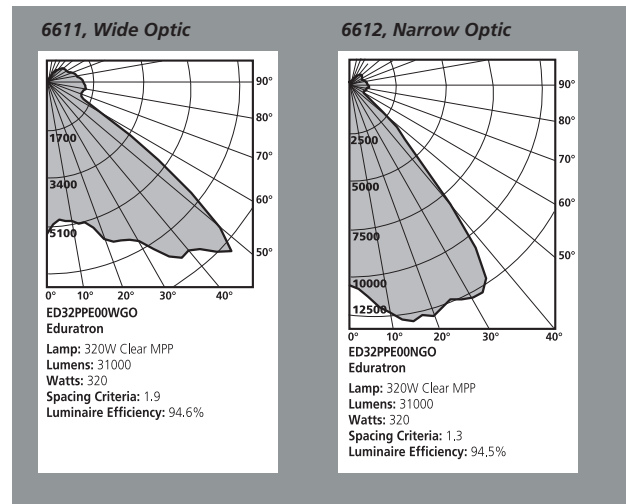
The tempered glass bottom closure shall hinge from this retaining frame. When bottom closure is latched at each support rod, it shall enclose the optical housing. Luminaire to breathe through a non-deteriorating fiberglass gasket between the optical assembly and the ballast housing.

EGH (Remote Ballast)

Optical specification shall be identical to that of the Prismalume Enclosed; however, it shall mount to a cast wiring box. This box shall permit circuit leads to be attached to socket leads while in a hinged position. Optical assembly then latches to the closed position. Wiring box may be pendant mount, suspended with loop, hook and cord, or ceiling mount with DN20NPT (.75") threaded side entry.

To be used with Holophane Remote Ballasts.

DISTRIBUTIONS



PREFERRED SELECTIONS:

Most Frequently Ordered Catalog Numbers

PE	250PM	12	C	R	U11	F1	PF-291
1	2	3	4	5	6	7	8
LUMINAIRE	WATTAGE	VOLTAGE	MOUNTING	CORD LENGTH	OPTICS	OPTIONS	ACCESSORIES
PE	250PM 320PM 350PM 400PP	12 MA MD	C H	R S	J12 Q12 U11 Z11	F1	PF-291

CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

(Pricing and lead times may be affected)



STEP 1: LUMINAIRE

PE Primalume Enclosed, 150 - 400 watt

Maximum Weight: 12.7 kg (28 lbs.)

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
175MP¹ 175W MH, protected
250MP¹ 250W MH, protected
400MP¹ 400W MH, protected
Energy Saving
25LMP¹ 250W MH, protected
40LMP¹ 400W MH, protected
PULSE START METAL HALIDE
250PM² 250W PMH, protected
320PM² 320W PMH, protected
350PM² 350W PMH, protected
400PP² 400W PMH, protected
¹ Not available for shipment in US after Dec. 31, 2008, due to EISA legislation
² Meets US Federal EISA legislation

STEP 2: SOURCE (CONTINUED)

Energy Saving
25LPM² 250W PMH
35LPM² 350W PMH
40LPM² 400W PMH
² Meets US Federal EISA legislation

STEP 3: VOLTAGE

08¹ 208V
12 120V
20 208V
24 240V
27 277V
34² 347V
40¹ 240V
48 480V
Multi-voltage
MA Prewired for 120V
MB Prewired for 208V
MC Prewired for 240V
MD Prewired for 277V
MT Multi-voltage
VT¹ Vari-tap for 120, 277, 347V
¹ Must be handled through TSG
² Available with 250HP, 400HP, 250PM, 25LPM, 320PM, 350PM and 35LPM

STEP 4: MOUNTING

Standard
P Pendant mount,
Q Quick disconnect
N Non-disconnect thru-wire

STEP 4: MOUNTING (CONTINUED)

Steel Hooks
A^{1,3} Steel hook, Holoflex® "L" cord drop
C^{2,3} Steel hook and cord
E^{1,3} Steel hook, Holoflex "T" cord drop
H^{2,3} Steel hook and cord, NEMA twist-off plug
S^{1,3} Steel hook and Holoflex II and selectable cord drop
Cast Hooks
B^{1,3} "HK" PF-455 cast hook and Holoflex "L" cord drop
F⁴ "HK" PF-455 cast hook and Holoflex "T" cord drop
T^{1,3} "HK" PF-455 cast hook and Holoflex II and selectable cord drop
¹ Available with 12, 20, 27, MA, MB, MD and VT voltages. 24V is only available through TSG. Not available with F2.
² Standard length is 3' and 6', other lengths available through TSG. Not available with F2.
³ "CD", "CDP", and "PHCB" handled through TSG
⁴ Must be handled through TSG

STEP 5: CORD LENGTH

F¹ 5' cord
N² No cord
R³ 3' cord
S³ 6' cord
T⁴ 10' cord
¹ Available with S or T mountings
² Must be used with P, Q or N mountings
³ Not available with P, Q, N, S or T mountings
⁴ Not available with P, Q, or N mountings Available with C mounting through TSG only

STEP 6: OPTICS

Select catalog number from the chart

6611 Maximum Weight: 7.57 kg (16.7 lbs.)
6612 Maximum Weight: 12.26 kg (27 lbs.)

Spacing to Mtg. Ht. Ratio	HIGH PRESSURE SODIUM Lamp Source and Wattage			
	150W	250-400W		
0.7:1 - 1.2:1	Q12	S12		
1.2:1 - 2.2:1	Q11	S11		

Spacing to Mtg. Ht. Ratio	METAL HALIDE Lamp Source and Wattage				
	175-320W	320PM	350W	400PM	400MH
0.7:1 - 1.2:1	Q12	Z12	J12	Z12	Z12
1.2:1 - 2.2:1	Q11	U11	Z11	Z11	Z11

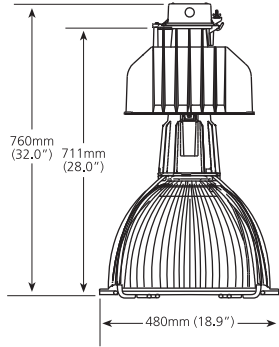
STEP 7: OPTIONS

Factory Installed.
 See page 81 for a complete list of options and product availability

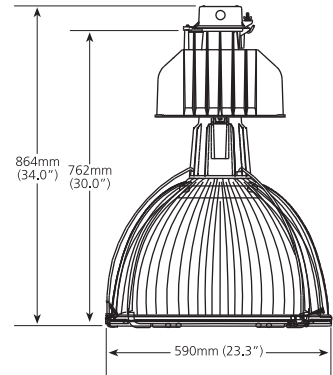
STEP 8: ACCESSORIES

Ships Separately.
 See page 82 for a complete list of accessories and product availability

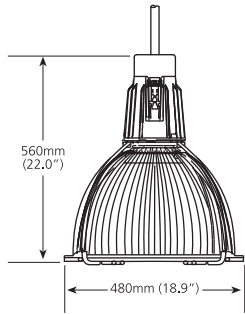
DIMENSIONAL DETAILS



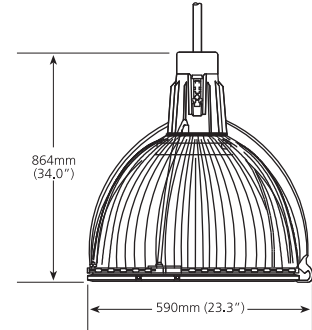
EP
(6611/6631 optic)
Maximum Weight: 32.06 kg (70.7 lbs.)



EP
(6612 optic)
Maximum Weight: 81 kg (36.7 lbs.)



EGH
(6611/6631 optic)
Maximum Weight: 12.11 kg (26.7 lbs.)



EGH
(6612 optic)
Maximum Weight: 17.23 kg (38 lbs.)

PREFERRED SELECTIONS:

Most Frequently Ordered Catalog Numbers

EP	750PM	12	Q	Q11	F1	PF-291
1	2	3	4	5	6	7
LUMINAIRE	WATTAGE	VOLTAGE	MOUNTING	OPTICS	OPTIONS	ACCESSORIES
EGH EP	250HP 750PM	12 MA MD	N P Q	Q11 Q12 W11 Y12	F1	PF-291

CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

(Pricing and lead times may be affected)



STEP 1: LUMINAIRE	STEP 2: SOURCE AND WATTAGE	STEP 3: VOLTAGE	STEP 5: OPTICS																																																																						
<p>EP Primalume Enclosed, 750 - 1000 watt</p> <p>EGH Primalume Enclosed, remote ballast</p> <p>EP Maximum Weight: 24.5 kg (54 lbs.)</p> <p>EGH Maximum Weight: 4.5 kg (10 lbs.)</p>	<p>EP HIGH PRESSURE SODIUM</p> <p>750HP¹ 750W HPS C10HP 1000W HPS</p> <p>METAL HALIDE</p> <p>C10MH 1000W MH PULSE START METAL HALIDE</p> <p>750PM³ 750W PMH</p> <p>EGH HIGH PRESSURE SODIUM</p> <p>250HP 250W HPS 400HP 400W HPS</p> <p>Energy Saving</p> <p>25LHP 250W HPS 40LHP 400W HPS</p> <p>METAL HALIDE</p> <p>175MH² 175W MH 250MH² 250W MH 400MH² 400W MH C10MH² 1000W MH</p> <p>Energy Saving</p> <p>25LMH² 250W MH 40LMH² 400W MH</p> <p>1 NA with "MA", "MB", "MC", "MD", or "MT" 2 Not available for shipment in US after Dec. 31, 2008, due to EISA legislation 3 Meets US Federal EISA legislation</p>	<p>08¹ 208V 12 120V 20³ 208V 24³ 240V 27 277V 34² 347V 40¹ 240V 48 480V</p> <p>Multi-voltage</p> <p>MA³ Prewired for 120V MB³ Prewired for 208V MC³ Prewired for 240V MD³ Prewired for 277V MT Multi-voltage, 120, 208, 240, 277V VT⁴ Vari-tap, 120, 277, 347V</p> <p>1 Isolated secondary, CUL, Not available with 40RMH and 750HP, handled through TSG 2 Not available with 750HP. 3 Available with EK luminaire only 4 Available with 750PM only.</p>	<p>Select catalog number from the chart</p> <p>6611 Maximum Weight: 7.57 kg (16.7 lbs.)</p> <p>6612 Maximum Weight: 12.26 kg (27 lbs.)</p> <table border="1"> <thead> <tr> <th rowspan="2">Spacing to</th> <th colspan="3">HIGH PRESSURE SODIUM</th> </tr> <tr> <th colspan="3">Lamp Source and Wattage</th> </tr> <tr> <th>Mtg. Ht. Ratio</th> <th>175-250W</th> <th>400-750W</th> <th>1000W</th> </tr> </thead> <tbody> <tr> <td>EP</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.7:1 - 1.2:1</td> <td>W12</td> <td>Z12</td> <td>A12</td> </tr> <tr> <td>1.2:1 - 2.2:1</td> <td>W11</td> <td>Z11</td> <td></td> </tr> <tr> <td>EGH</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.7:1 - 1.2:1</td> <td>W12</td> <td>W12</td> <td>A12</td> </tr> <tr> <td>1.2:1 - 2.2:1</td> <td>W11</td> <td>W11</td> <td></td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th rowspan="2">Spacing to</th> <th colspan="3">METAL HALIDE</th> </tr> <tr> <th colspan="3">Lamp Source and Wattage</th> </tr> <tr> <th>Mtg. Ht. Ratio</th> <th>175-250W</th> <th>400-750W</th> <th>1000W</th> </tr> </thead> <tbody> <tr> <td>EP</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.7:1 - 1.2:1</td> <td></td> <td>Z12</td> <td>B12</td> </tr> <tr> <td>1.2:1 - 2.2:1</td> <td></td> <td>Z11</td> <td></td> </tr> <tr> <td>EGH</td> <td></td> <td></td> <td></td> </tr> <tr> <td>0.7:1 - 1.2:1</td> <td></td> <td>Z12</td> <td>B12</td> </tr> <tr> <td>1.2:1 - 2.2:1</td> <td>U11</td> <td>Z11</td> <td></td> </tr> </tbody> </table>	Spacing to	HIGH PRESSURE SODIUM			Lamp Source and Wattage			Mtg. Ht. Ratio	175-250W	400-750W	1000W	EP				0.7:1 - 1.2:1	W12	Z12	A12	1.2:1 - 2.2:1	W11	Z11		EGH				0.7:1 - 1.2:1	W12	W12	A12	1.2:1 - 2.2:1	W11	W11		Spacing to	METAL HALIDE			Lamp Source and Wattage			Mtg. Ht. Ratio	175-250W	400-750W	1000W	EP				0.7:1 - 1.2:1		Z12	B12	1.2:1 - 2.2:1		Z11		EGH				0.7:1 - 1.2:1		Z12	B12	1.2:1 - 2.2:1	U11	Z11	
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		<p>STEP 4: MOUNTING</p> <p>P Pendant mount, .75" NPT conduit Q Quick disconnect power hanger N¹ No quick disconnect power hanger</p> <p>1 For CP1HP version, N mounting is without thru-wiring</p>	<p>STEP 6: OPTIONS</p> <p>Factory Installed. See page 81 for a complete list of options and product availability</p> <p>STEP 7: ACCESSORIES</p> <p>Ships Separately. See page 82 for a complete list of accessories and product availability</p>																																																																						



RE LUMINAIRE

THE RE LUMINAIRE FROM HOLOPHANE IS A HIGHLY DIFFERENTIATED HIGH BAY LUMINAIRE THAT UTILIZES AN ENCAPSULATED POTTED BALLAST HOUSING FOR A CLEAN APPEARANCE, LONG LIFE AND QUIET OPERATION. THE SIMPLE, UNCLUTTERED, ATTRACTIVE BALLAST HOUSING UTILIZES HOLOPHANE'S SUPERIOR GLASS OPTICS FOR OPTIMUM EFFICIENCY AND PHOTOMETRIC STABILITY.



RE Luminaire
(6611 optics, compression rods)



RE Luminaire
(6612 optics, compression rods)



RE Luminaire
(6611 optics, aluminum cover)



RE Luminaire
(6612 optics, aluminum cover)

FEATURES AND BENEFITS

- ISD SuperGlass® technology optimum efficiency and photometric stability
- Simple, uncluttered, attractive appearance
- Encapsulated Holophane ballast for long life, and quiet operation
- Choice of factory set distributions ensures proper photometric performance and eases installation

TYPICAL APPLICATIONS

- Warehouses
- Packaging Areas
- Light Industrial
- Big Box Retail
- Grocery Stores
- Specialty Shops



APPLICATIONS

THE RE LUMINAIRE IS A GREAT ALTERNATIVE WHEN THE CHALLENGES OF AN INDUSTRIAL ENVIRONMENT IS NOT A CONCERN. HOLOPHANE'S UNEQUALLED PRISMATIC GLASS REFLECTOR INSURES CONSISTENT OPTICAL EFFICIENCIES THROUGHOUT THE LUMINAIRE'S LIFE.

THE VISUAL AESTHETICS OF THE OPTICAL REFLECTOR WILL NOT BECOME UNSIGHTLY OVER TIME DUE TO YELLOWING AND DISCOLORATION.



Light Industrial

Unlike plastic imitators, the time proven Endural® reflector is not affected by high temperature, static dirt attraction or ultra-violet exposure providing users with increased maintained lumens over the life of the luminaire. With the pulse start metal halide lamp technologies available, the luminaire is prewired with cord and NEMA plug or Holoflex® flexible wiring system for maximum efficiency and reduced installation costs.



Retail

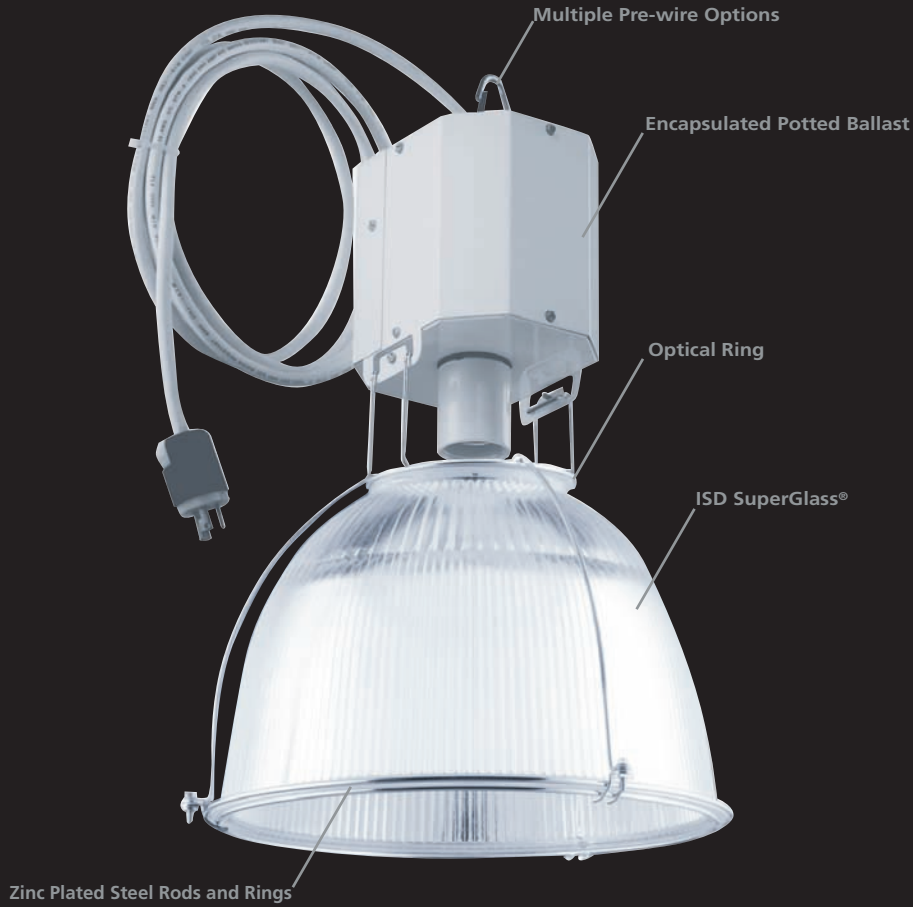
The RE Luminaire is a highly differentiated high bay luminaire that utilizes an innovative, compact ballast capsule for a clean, unobtrusive image. The visual aesthetics of the optical borosilicate glass reflector will not become unsightly over time due to yellowing, cloudiness, sagging or browning of the lens.

Grocery Stores

Holophane's unequalled prismatic glass reflector insures consistent optical efficiencies throughout the luminaire's life. A factory set light center insures that the actual installation matches the original design. Holophane's RE Series luminaire utilizes a ballast that is encapsulated in a potting material for excellent thermal dissipation and sound absorption. The attractive octagonal design is available in white paint finish or a low cost galvanized finish.

LIGHT INDUSTRIAL AND RETAIL





The Innovative, Compact Ballast is encapsulated in a potting material for excellent thermal dissipation and sound absorption. The attractive octagonal design is available in white paint finish.



Encapsulated Potted Ballast delivers excellent thermal dissipation, sound absorption and energy efficiency.

Optical Ring provides a factory set light center position for accurate photometric distribution.



Multiple Pre-wire Options for ease of installation and maintenance



Zinc Plated Steel Rods and Rings supports and protects glass reflector.

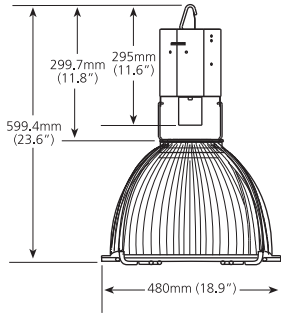
ISD SuperGlass® provides high efficiency coupled with great uniformity, resulting in the best performance in the industry. Available in wide and narrow light distributions. Open prismatic borosilicate glass reflector provides a low electrostatic charge and minimizes dirt build-up.



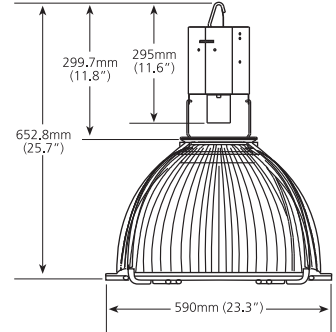
Spun On Sealed Aluminum Cover concentrates the majority of light downward and still provides the longevity and efficiency of glass.

ORDERING INFORMATION

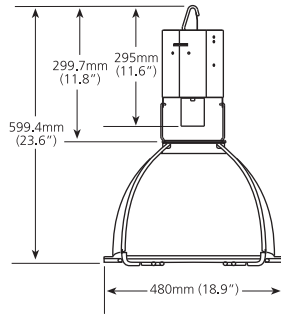
DIMENSIONAL DETAILS



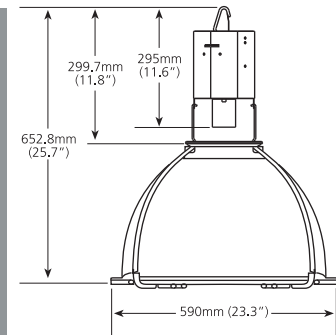
RE
(6611/6631 optic, uncovered)
Maximum Weight: 20.28 kg (44.7 lbs.)



RE
(6612 optic, uncovered)
Maximum Weight: 49.9 kg (55 lbs.)



RE
(6611/6631 optic, covered)
Maximum Weight: 20.28 kg (44.7 lbs.)



RE
(6612 optic, covered)
Maximum Weight: 49.9 kg (55 lbs.)

PERFORMANCE 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 optical reflector. It shall have high ambient temperature test of _____ and provide for lamp starting in -20°F (MH) ambients.

The complete luminaire shall be UL listed to US and Canadian safety standards, as suitable for use in damp location ambients of up to 55°C.

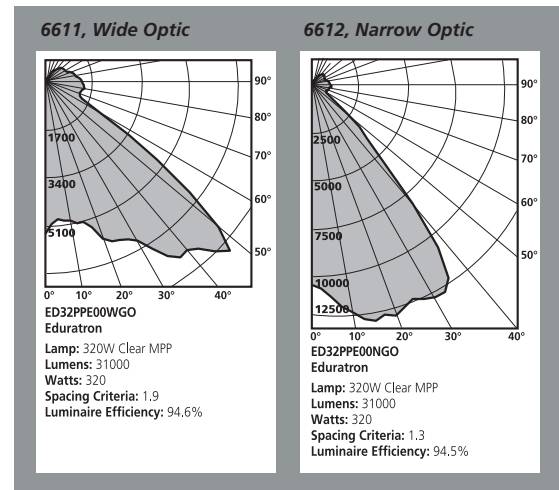
The sheet metal aluminum ballast housing shall be protected against corrosion by a pretreatment process followed by a sprayed on white polyester powder paint which meets ASTM standard practice for hardness, humidity, impact and salt spray resistance to prevent cross hatch creep, fading, cracking, and other corrosion related deterioration.

The pre-wired porcelain lamp holder with corrosion resistant, nickel plated lamp grip screw shell, shall be factory set for designed distribution.

Optical Assembly

Glass reflector shall be Endural® prismatic borosilicate glass with a minimum wall thickness of 3 mm (.13"). Reflector may have a permanently spun-on and sealed anodized aluminum cover. The smooth inner glass surface shall not deteriorate in normal atmospheres and shall return to initial efficiency after cleaning.

DISTRIBUTIONS



Note: For applications containing excessive vibration, corrosive atmospheres or high transient voltages or areas where the luminaire could be subjected to impact from objects (such as in a gymnasium), Holophane recommends the Primalume® or Prismpack® family of products.

PREFERRED SELECTIONS:

Most Frequently Ordered Catalog Numbers

RE	250PP	12	11	H	R	W	CG	LAMP
1	2	3	4	5	6	7	8	9
LUMINAIRE	WATTAGE	VOLTAGE	OPTICS	MOUNTING	CORD LENGTH	FINISH	OPTIONS	ACCESSORIES
RE	250PP 320PP 400PP 35EPP 35LPP	12 MA MT	11 12	H	R S	W	CG	LAMP

CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

(Pricing and lead times may be affected)



STEP 1: LUMINAIRE

RE RE Luminaire

Maximum Weight:
12.7 kg (28 lbs.)

STEP 2: SOURCE AND WATTAGE

METAL HALIDE
250MP¹ 250W MH, protected
400MP¹ 400W MH, protected

PULSE START METAL HALIDE
250PP² 250W PMH, protected
320PP² 320W PMH, protected
400PP² 400W PMH, protected

Energy Saving
35EPP² 350W PMH, reactor, protected
35LPP² 350W PMH, protected

¹ Not available for shipment in the US after Dec. 31, 2008 due to EISA legislation
² Meets US Federal EISA legislation

STEP 3: VOLTAGE

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
VT¹ Vari-tap for 120, 277, 347V

¹ Not available with 400PM and 400PP

STEP 4: OPTICS

NARROW DISTRIBUTION
12 6612 glass,
2C¹ 6612 glass
2R² 6612 glass
N1 6631 glass

WIDE DISTRIBUTION
11 6611 glass
1C¹ 6611 glass
1R² 6611 glass
W1 6631 glass

¹ Glass with spun on aluminum solid cover
² Glass with compression rod mounting

6611/6631
Maximum Weight:
7.57 kg (16.7 lbs.)

6612
Maximum Weight:
12.26 kg (27 lbs.)

STEP 5: MOUNTING

Standard
J¹ Hook only, cord not supplied
H² Hook with cord and NEMA twist-off plug. For damp locations
M² Hook with cord only, plug not supplied

Hook & Holoflex Module Wiring
A³ "L" cord drop, wired phase to common. Dry location. Available with 20, 27, MA, and MD volt only

¹ Must be used with "N" cord lengths
² Wired for 277V when ordered with "MT", wired for 347V when ordered with "VT"
³ Not available with "MT"
⁴ Available through TSG only
⁵ 240V handled through TSG only

STEP 5: MOUNTING (CONTINUED)

E⁴ "T" cord drop. Dry location.
zG³ "L" cord drop, wired phase to phase. Dry location. Available with 20, 24, 34, MB and MC volt only
S^{2,5} Selectable cord drop. Dry location.
Z³ "L" cord drop, wired phase to common. Dry location. Available with 12, 27, 34, MA and MD volt only

¹ Must be used with "N" cord lengths
² Wired for 277V when ordered with "MT", wired for 347V when ordered with "VT"
³ Not available with "MT"
⁴ Available through TSG only
⁵ 240V handled through TSG only

STEP 6: CORD LENGTH

F 5' cord for S mounting only
N No cord for J mounting only
R¹ 3' cord
S¹ 6' cord
T² 10' cord

¹ Not available with S mounting
² Not available with Y mounting

STEP 7: FINISH

H Graphite
K Black
W White
Z Bronze

STEP 8: OPTIONS

Factory Installed.
 See page 83 for a complete list of options and product availability

STEP 9: ACCESSORIES

Ships Separately.
 See page 84 for a complete list of accessories and product availability



TWIN SERIES



THE TWIN SERIES LUMINAIRE IS THE ESSENCE OF VERSATILITY. WHETHER YOU WANT THE UPLIGHT FEATURES FROM THE PRISMALUME OPTIC OR THE MINIMAL UPLIGHT PROVIDED FROM THE PRISMPACK OPTIC, THIS LOW PROFILE LUMINAIRE MEETS YOUR NEEDS. DUAL SWITCHING, MULTIPLE LAMP TYPES AND AN ARRAY OF MOUNTING CHOICES ARE A FEW OF THE OPTIONS AVAILABLE WITH THE TWIN SERIES LUMINAIRE.



6611 Optics
(uncovered)



6612 Optics
(uncovered)



6611 Optics
(covered)



6612 Optics
(covered)

FEATURES AND BENEFITS

- ISD SuperGlass® technology for optimum efficiency and photometric stability
- Twin configuration allows use of two 400W providing greater light output with longer life and energy savings

TYPICAL APPLICATIONS

- Sports Arenas
- Convention Centers
- Manufacturing Facilities
- Atriums
- Warehouses
- Ice Rinks
- Gymnasiums



APPLICATIONS

Sports Arenas

Because sports arenas often require multiple levels of illumination for various events or for half time shows, the Twin Series is an ideal luminaire choice. Uniform horizontal illumination and high vertical footcandles helps improve overall participant visibility of high speed objects during a sporting event.

Convention Centers

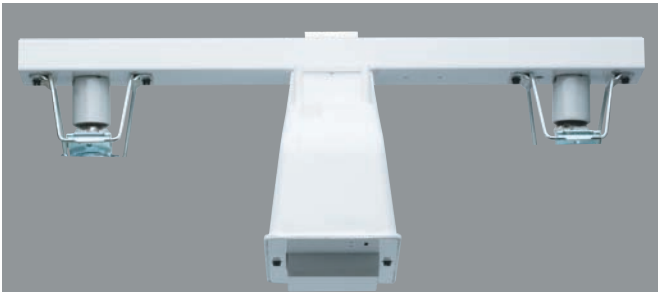
Available in (2) 350 watt to (2) 400 watt HID lamps, the Twin Series luminaire is perfect for convention center lighting. At less than 20" deep, the low profile design is ideal for limited space ceilings giving even greater flexibility for design criteria. The prismatic glass reflectors are available covered, which minimizes uplight, or uncovered, which produces about 15% uplight, increasing vertical footcandles.

Manufacturing Facilities

The 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 Twin Series luminaire needs minimal maintenance. Energy saving ballasts are available for MH, HPS and pulse start metal halide lamps.



Housing for Holophane Encapsulated Ballast provides a clean unobtrusive image.



Optical Ring provides a factory set light center position for accurate photometric distribution.



ISD SuperGlass® provides high efficiency coupled with great uniformity, resulting in the best performance in the industry. Available in wide and narrow light distributions. Open prismatic borosilicate glass reflector provides a low electrostatic charge and minimizes dirt build-up.



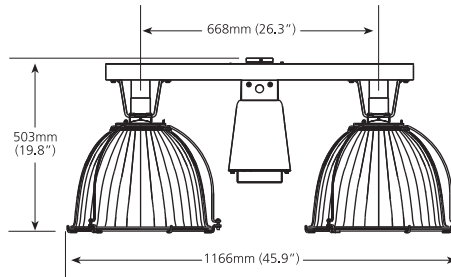
Spun On Aluminum Cover concentrates the majority of light downward.

ORDERING INFORMATION

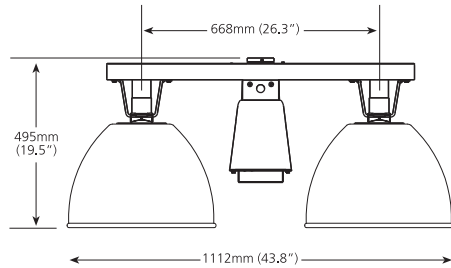
DIMENSIONAL DETAILS



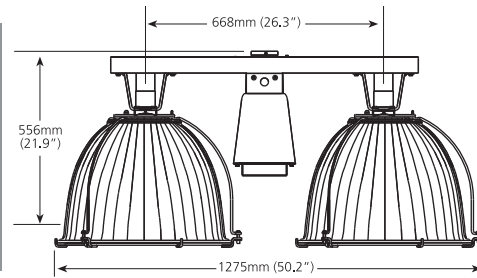
TW
(6611/6631 optic, uncovered)
Maximum Weight: 32.9 kg (72.7 lbs.)



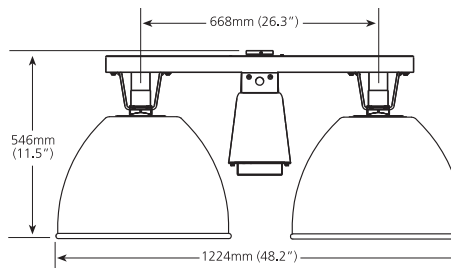
TW
(6611/6631 optic, covered)
Maximum Weight: 32.9 kg (72.7 lbs.)



TW
(6612 optic, uncovered)
Maximum Weight: 38.1 kg (84 lbs.)



TW
(6612 optic, covered)
Maximum Weight: 38.1 kg (84 lbs.)



PERFORMANCE SPECIFICATIONS

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

The complete luminaire shall be listed by Underwriter's Laboratories, Inc. as suitable for use in damp location ambients of up to 55°C.

The Twin Series mounting assembly shall have a cast aluminum adjustable hub for .75" conduit rigid pendant mounting or for balanced luminaire support from hooks or loops. The rigid formed steel housing mounting assembly and ballast housing shall be protected by a seven stage 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 reduce cross hatch creep, fading, cracking, and other corrosion related deterioration.

The prewired, porcelain enclosed lamp holders with corrosion resistant, nickel plated lamp grip screw shell, shall be factory set for optimum distribution. The reflector attachment yoke shall have swingover lugs and provision for full ventilation and optional safety chain. No tools shall be required to attach or detach the reflectors from the ballast assembly.

Covered Optical Assembly

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 smooth inner glass surface shall not deteriorate in normal light industrial atmospheres and shall return to original efficiency after cleaning.

Uncovered Optical Assembly

Glass reflector shall be Endural prismatic borosilicate glass with a minimum wall thickness of 3mm (.13"). Reflector shall be supported by 5mm (.185") min. dia. steel rods bolted to a bottom retaining ring made of 2 concentric rings of 6mm (.22") min. dia. steel rod. The smooth inner glass surface shall not deteriorate in normal light industrial atmospheres and shall return to original efficiency after cleaning.

PREFERRED SELECTIONS:

Most Frequently Ordered Catalog Numbers

TW	40LPP	MA	P	N	PN11	F1	PF-291
1	2	3	4	5	6	7	8
LUMINAIRE	WATTAGE	VOLTAGE	MOUNTING	CORD LENGTH	OPTICS	OPTIONS	ACCESSORIES
TW	35LPP 40LPP	MA MD	P	N	PN11	F1	PF-291

CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

(Pricing and lead times may be affected)



STEP 1: LUMINAIRE

TW Twin Series

Maximum Weight: 25.4 kg (56 lbs.)

STEP 2: SOURCE AND WATTAGE

HIGH PRESSURE SODIUM

400HP 400W HPS
Energy Saving

40LHP 400W HPS

METAL HALIDE

400MP^{1,2} 400W MH, protected
Energy Saving

40LMP^{1,2} 400W MH, protected

PULSE START METAL HALIDE

350PP^{1,3} 350W PMH, protected
400PP^{1,3} 400W PMH, protected
Energy Saving

35LPP^{1,3} 350W PMH, protected
40LPP^{1,3} 400W PMH, protected

¹ Standard mogul base lamps are not compatible. Must use open rated lamps only.
² Not available for shipment in the US after Dec. 31, 2008 due to EISA legislation
³ (E) Meets US Federal EISA legislation

STEP 3: VOLTAGE

12 120V
20³ 208V
24³ 240V
27 277V
34² 347V
48 480V

Multi-voltage

MA Prewired for 120V
MB Prewired for 208V
MC Prewired for 240V
MD Prewired for 277V
MT Multi-voltage, 120, 208, 240, 277V
VT¹ Vari-tap, 120, 277, 347V

¹ Available with 350PP, 35LPP, 400HP and 400MP only.

STEP 4: MOUNTING

B^{1,2} "HK" PF-455 cast hook and Holoflex "L" cord drop
D^{1,3} "HK" PF-455 cast hook and Holoflex "L" cord drop for dual switch control
F^{1,4} "HK" PF-455 cast hook and Holoflex "T" cord drop
P Pendant mount, .75" NPT conduit
T^{1,2} "HK" PF-455 cast hook and Holoflex II and selectable cord drop

¹ CUL listed dry location only
² 240V must be handled through TSG
³ Available with 120V, 277V, MA and MD only
⁴ Must be handled through TSG

STEP 5: CORD LENGTH

F¹ 5' cord
N² No cord
R³ 3' cord
S³ 6' cord
T⁴ 10' cord

¹ Available with T mounting only
² Must be used with P mounting only
³ Not available with P or T mountings
⁴ Not available with P mounting

STEP 6: OPTICS

Select catalog number from the chart

6611
Maximum Weight: 7.57 kg (16.7 lbs.)

6612
Maximum Weight: 12.26 kg (27 lbs.)

Spacing to Mtg. Ht. Ratio	Lamp Source and Wattage	
	Uncovered	Covered
0.7:1 - 1.2:1	PL12	KL12
1.2:1 - 2.2:1	PL11	KL11

Spacing to Mtg. Ht. Ratio	Lamp Source and Wattage	
	Uncovered	Covered
0.7:1 - 1.2:1	PN12	KN12
1.2:1 - 2.2:1	PN11	KN11

STEP 7: OPTIONS

Factory Installed.
See page 83 for a complete list of options and product availability

STEP 8: ACCESSORIES

Ships Separately.
See page 84 for a complete list of accessories and product availability



PRISMPACK® V

ROBUST DESIGN CHARACTERIZES PRISMPACK LUMINAIRES, FROM CORROSION RESISTANT MATERIALS AND COATINGS TO LONG LASTING BOROSILICATE PRISMATIC GLASS REFLECTORS. PRISMPACK LUMINAIRES ARE AVAILABLE IN A CHOICE OF ANODIZED ALUMINUM COVERED PRISMATIC GLASS REFLECTORS, EFFICIENTLY CONTROLLING LIGHT FOR EXCEPTIONAL VISIBILITY.

6611 optics
(PP5K housing)6612 optics
(PP5K housing)6611 optics
(PV housing)6612 optics
(PV housing)

FEATURES AND BENEFITS

- ISD SuperGlass® technology for optimum efficiency and photometric stability
- Tool-less mechanism with open prismatic glass optic simplifies installation and maintenance
- Glass reflector with permanently spun-on and sealed anodized aluminum cover for more down light and longevity of product

TYPICAL APPLICATIONS

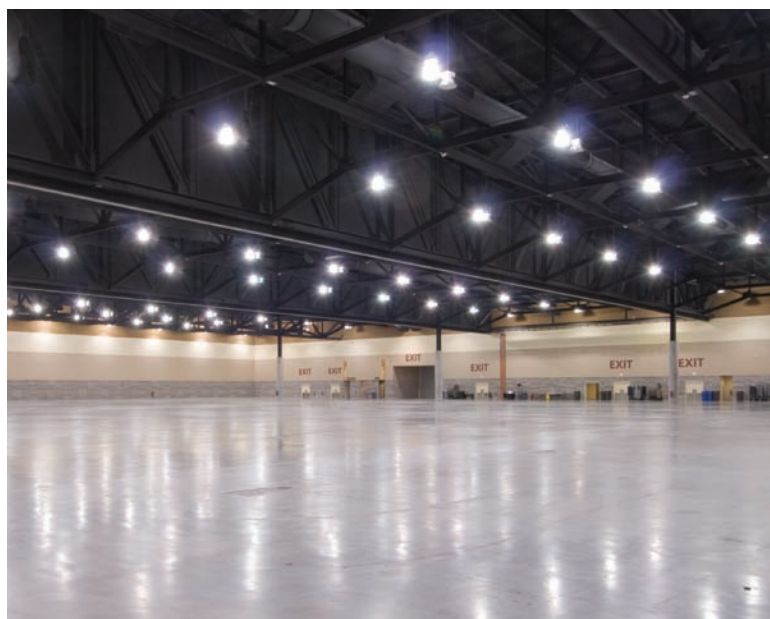
- Manufacturing Areas
- Assembly Areas
- Warehouses
- Hangars
- Mills
- Convention Centers
- Gymnasiums



APPLICATIONS

PRISMPACK LUMINAIRES ARE THE PERFECT FIXTURES FOR A VARIETY OF HEAVY-DUTY HIGH BAY APPLICATIONS INCLUDING INDUSTRIAL, COMMERCIAL AND EDUCATIONAL FACILITIES.

AVAILABLE IN A WIDE RANGE OF HID LAMPS AND BALLASTS, PRISMPACK LUMINAIRES DELIVER REQUIRED LIGHTING LEVELS IN AN ENERGY EFFICIENT MANNER.



Manufacturing Areas

The Prismpack luminaires are the perfect fixture for a variety of heavy duty high bay industrial applications. Unlike plain aluminum or plastic reflectors, borosilicate glass reflectors are not subject to permanent deterioration caused by industrial environments and do not attract dust or dirt particles. This product is available for applications requiring up to 65°C rating.

Warehouses

The overall efficient performance of Prismpack luminaires can result in fewer fixtures providing the designed illumination levels. Fewer fixtures reduce installation and operating costs.

Convention Centers

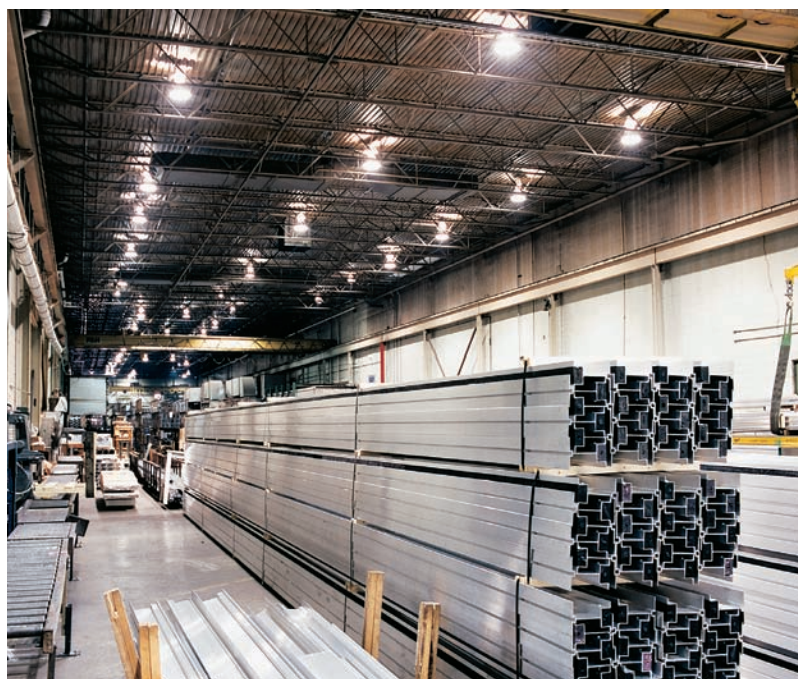
The Prismpack luminaire provides maximum efficiency for flexibility of design. The unique prismatic glass reflector system coupled with a wide selection of HID lamps and wattages means an extensive choice of distributions are available to tailor your lighting design to the application.

Schools and Gymnasiums

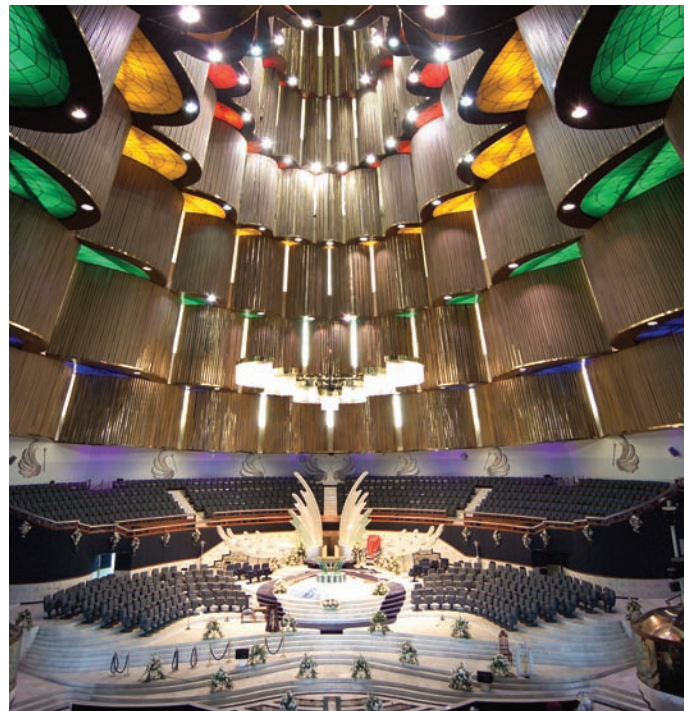
Because these facilities host many types of events and often expose the luminaire to potential damage from being hit, luminaires offering flexible light levels with great uniformity while remaining rugged and durable are required. Prismpack luminaires are ideal for school gymnasiums, enhancing the visual environment while providing energy efficiency, low maintenance and bottom line savings required by today's educational institutions.

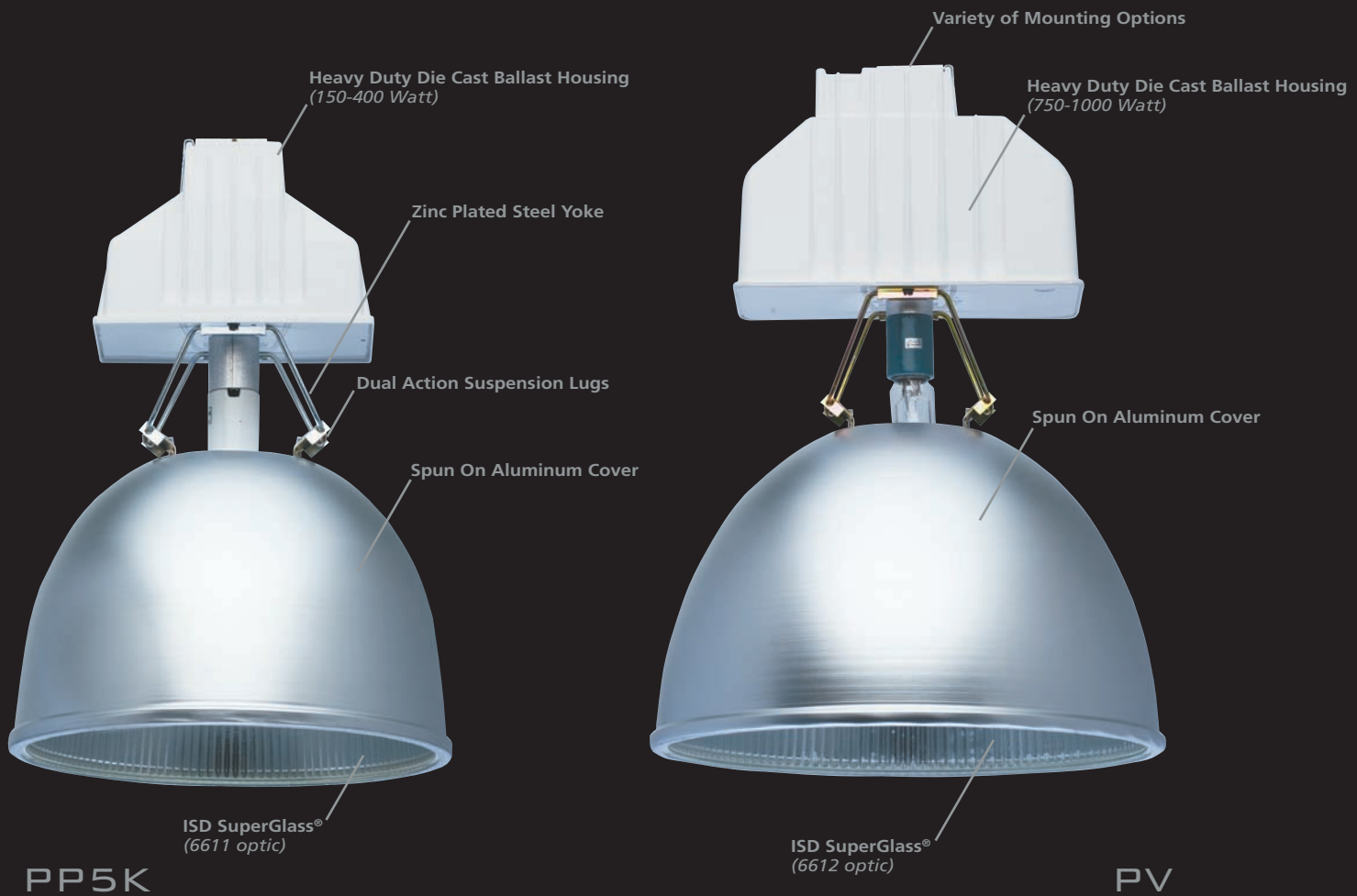
INDUSTRIAL





SPORTS AND COMMERCIAL





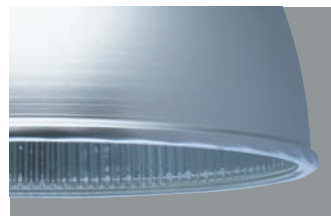
Heavy Duty Die Cast Ballast Housing is available in two sizes, supports optics and is pretreated and coated with electro-statically deposited thermoset polyester white powder paint.



Zinc Plated Steel Yoke quickly secures reflector to housing for long life and easy installation.

Dual Action Suspension Lugs are non-adjustable, easily installed, properly positions and sets the reflector in place for designed photometrics.

Variety of Mounting Options available in quick disconnect, pendant and thru-wiring power hanger mountings.



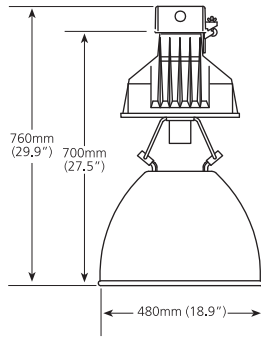
Spun On Aluminum Cover concentrates the majority of light downward.

ISD SuperGlass® provides high efficiency coupled with great uniformity, resulting in the best performance in the industry. Available in wide and narrow distributions. Open prismatic borosilicate glass reflector provides a low electrostatic charge and minimizes dirt build-up, while providing longevity and the ultimate in sustainability.

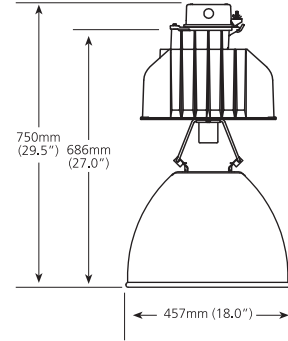


ORDERING INFORMATION

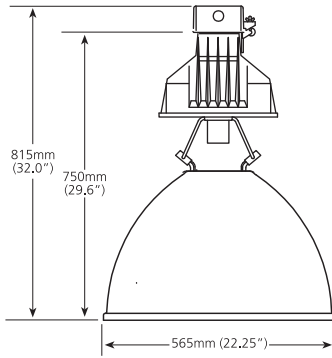
DIMENSIONAL DETAILS



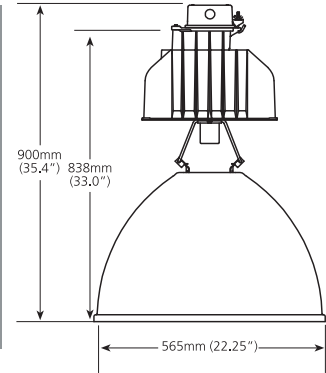
PP5K
(6611/6631 optic, covered)
Maximum Weight: 32.9 kg (72.7 lbs.)



PV
(6611/6631 optic, covered)
Maximum Weight: 27.5 kg (60.7 lbs)



PP5K
(6612 optic, covered)
Maximum Weight: 19.8 kg (43.7 lbs.)



PV
(6612 optic, covered)
Maximum Weight: 36.7 kg (81 lbs)

PERFORMANCE 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 optical assembly. It shall have passed .5g accelerated fatigue vibration test, high ambient temperature test of _____ and provide for lamp starting in -30°C (MH) or -40°C (HPS) ambients.

The complete luminaire shall be listed by Underwriter Laboratories, Inc. as suitable for use in damp location ambients of up to 55°C as standard, 65°C optional, and CUL listed.

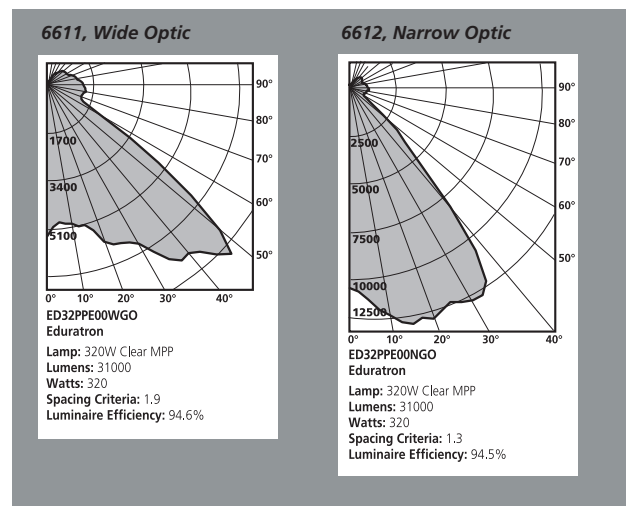
The cast aluminum ballast housing shall be protected by a phosphate pretreatment followed by a sprayed on and cured polyester powder paint. This finish is tested in accordance with ASTM standards for hardness, humidity, impact and salt spray resistance to prevent cross hatch creep, fading, cracking,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

The pre-wired, porcelain lamp holder with corrosion resistant, nickel plated lamp grip screw shell, shall be factory set for optimum distribution. The zinc plated steel, reflector attachment yoke shall have swingover lugs and provision for full ventilation and optional safety chain. No tools shall be required to attach or detach the reflector from the housing.

Optical Assembly

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 smooth inner glass surface shall not deteriorate in normal industrial atmospheres and shall return to original efficiency after cleaning.

DISTRIBUTIONS



PREFERRED SELECTIONS:

Most Frequently Ordered Catalog Numbers

PP5K	250PP	12	Q	Q11	F1	PF-291
1	2	3	4	5	6	7
LUMINAIRE	WATTAGE	VOLTAGE	MOUNTING	OPTICS	OPTIONS	ACCESSORIES
PRSL PS	250PP 320PP 350PP 400PP 750HP	12 MA MD	N P Q	L11 Q11 Q12 Y12	F1	PF-291

CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

(Pricing and lead times may be affected)



STEP 1: LUMINAIRE

PP5K Prism-pack, 150 - 400 watt
PV Prism-pack, 750 - 1000 watt

PP5K
Maximum Weight: 11.8 kg (26 lbs)

PV
Maximum Weight: 24.5 kg (54 lbs)

STEP 2: SOURCE AND WATTAGE

PP5K
HIGH PRESSURE SODIUM
15AHP 150W/55V HPS
250HP 250W HPS
400HP 400W HPS
Energy Saving
25LHP 250W HPS
40LHP 400W HPS
METAL HALIDE
175MP¹ 175W MH, protected
250MP¹ 250W MH, protected
400MP¹ 400W MH, protected
Energy Saving
25LMP¹ 250W MH, protected
40LMP¹ 400W MH, protected
PULSE START METAL HALIDE
250PP² 250W PMH, protected
320PP² 320W PMH, protected
350PP² 350W PMH, protected
400PP² 400W PMH, protected

¹ Not available for shipment in the US after Dec. 31, 2008 due to EISA legislation
² (E) Meets US Federal EISA legislation

STEP 2: SOURCE (CONTINUED)

Energy Saving
25LPP¹ 250W PMH, protected
35LPP¹ 350W PMH, protected
40LPP¹ 400W PMH, protected

PV
HIGH PRESSURE SODIUM
750HP² 750W HPS
CP1HP 1000W HPS, compact
C10HP 1000W HPS
METAL HALIDE
C10MP 1000W MH, protected

¹ (E) Meets US Federal EISA legislation
² Not available with multi-voltage

STEP 3: VOLTAGE

08¹ 208V
12 120V
20 208V
24 240V
27 277V
34² 347V
40¹ 240V
48 480V

Multi-voltage
MA Prewired for 120V
MB Prewired for 208V
MC Prewired for 240V
MD Prewired for 277V
MT Multi-voltage
VT¹ Vari-tap for PP5K with 120, 277, 347V

¹ Must be handled through TSG
² Not available with 150DMH, 150MP, 750HP

STEP 4: MOUNTING

P Pendant mount, .75" NPT conduit
Q¹ Quick disconnect power hanger
N² No quick disconnect power hanger

¹ Not available with "CDP", "PCHB", or "PF"
² CP10HP available with N mounting but without thru-wiring

STEP 5: OPTICS

Select catalog number from the chart

6611
Maximum Weight: 7.57 kg (16.7 lbs.)

6612
Maximum Weight: 12.26 kg (27 lbs.)

Spacing to Mtg. Ht. Ratio	HIGH PRESSURE SODIUM Lamp Source and Wattage			
	150W	250-400W	750W	1000W
0.7:1 - 1.2:1		L12	W12	F12
1.2:1 - 2.2:1	Q11	L11	W11	F11

Spacing to Mtg. Ht. Ratio	METAL HALIDE Lamp Source and Wattage			
	150W	250-320W	250-350W	750W 1000W
0.7:1 - 1.2:1		Q12	N12	H12 Y12
1.2:1 - 2.2:1	Q11	Q 11	N11	H11 Y11

STEP 6: OPTIONS

Factory Installed.
See page 85 for a complete list of options and product availability

STEP 7: ACCESSORIES

Ships Separately.
See page 86 for a complete list of accessories and product availability



PRISMPACK® V ENCLOSED

PRISMPACK ENCLOSED LUMINAIRES ARE DESIGNED FOR THE MOST STRINGENT OF HIGH BAY APPLICATIONS. THE ALUMINUM COVERED GLASS WITH THE GASKETED GLASS BOTTOM IS ESPECIALLY DESIRABLE WHERE OILY AND DIRTY ENVIRONMENTS ARE PRESENT.



Prispack V Enclosed KE
(6611 optics)

Prispack V Enclosed KE
(6612 optics)

Prispack V Enclosed EK
(6611 optics)

Prispack V Enclosed EK
(6612 optics)

Prispack Enclosed
(Remote Ballast)

FEATURES AND BENEFITS

- ISD SuperGlass® technology increases fixture efficiency decreasing the number of fixtures needed
- The gasketed husk and tempered glass enclosure keep dirt and dust out while ensuring arc tube containment.
- Glass reflector with permanently spun-on and sealed anodized aluminum cover for more down light and longevity of product

TYPICAL APPLICATIONS

- Assembly Areas
- Manufacturing
- Production Areas
- Warehouses
- Paper Mills
- Convention Centers
- Steel Mills
- Hangars



Manufacturing

Over time, standard luminaires will degrade and lose efficiency due to dirt build up on the fixture. The Prismpack combats this luminaire dirt depreciation with its tempered glass closure and borosilicate glass that will virtually return to its initial efficiency level when cleaned. With borosilicate glass from Holophane, originally designed light levels can always be sustained.

Production Areas

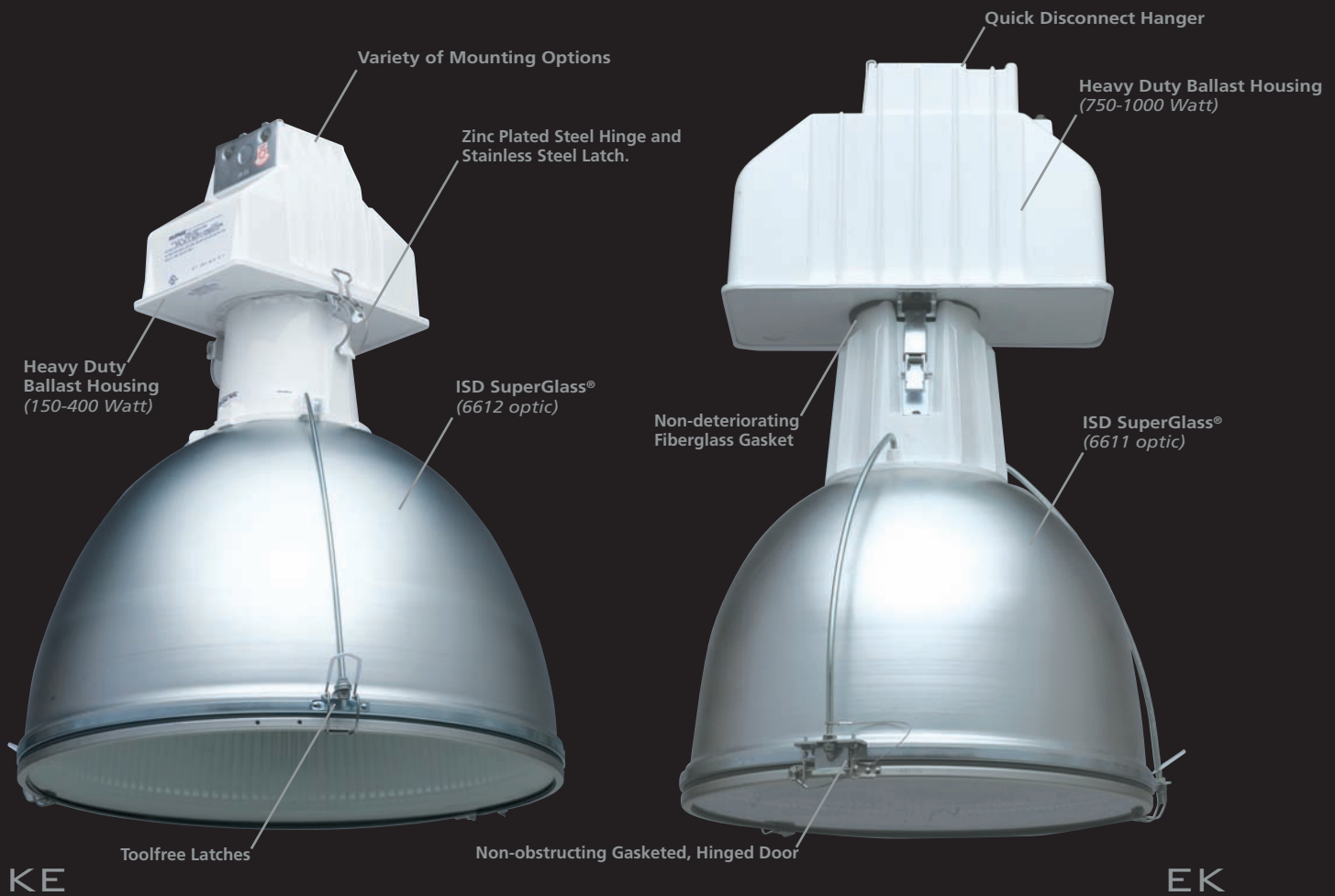
Production areas can involve smoke, oil, dust, steam or lint which can decrease a luminaire’s efficiency. The Prismpack Enclosed luminaire is the ideal solution for these harsh environments due to its excellent optical performance, robust design, and low maintenance features.

Warehouses

Widely variable temperatures often exist in warehouse environments making the choice for the proper luminaire a difficult decision. The Prismpack Enclosed luminaire performs well in warehouse applications by distributing light efficiently regardless of room ambient temperature. Combining the Prismpack Enclosed luminaire with options such as the Individually Sensored High Bay option and/or Synergy Controls can reduce your energy costs even further while delivering performance and uniformity in the space.

Efficient Lighting of the Visual Environment

Prismpack Enclosed luminaires provide maximum efficiency for most design requirements. The unique prismatic glass reflector system offers a choice of distributions for a wide selection of HID lamps and wattages. Factory set distributions allow for quick installation while maintaining proper light distributions at all times.

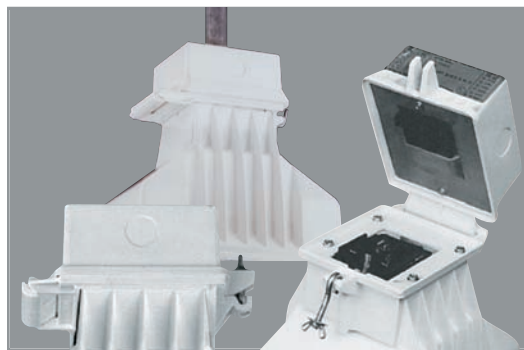


Variety of Mounting Options available in quick disconnect, pendant and thru-wiring power hanger mountings.

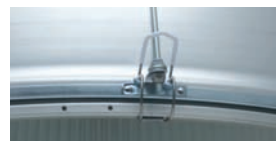
Heavy Duty Die Cast Ballast Housing is available in two sizes, supports optics and is pretreated and coated with electrostatically deposited thermoset polyester white powder paint.



Optional "Quick Disconnect Hanger" provides application flexibility and "disconnect under load" capability.



Non-deteriorating Fiberglass Gasket allows the luminaire to breathe, while sealing out contaminants.



Toolfree Latches for ease of maintenance.

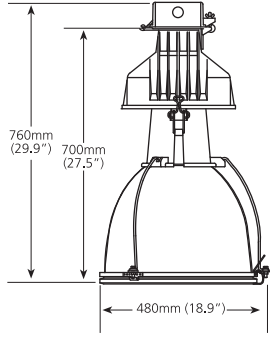
ISD SuperGlass® provides high efficiency coupled with great uniformity, resulting in the best performance in the industry. Available in wide and narrow distributions. Open prismatic borosilicate glass reflector provides a low electrostatic charge and minimizes dirt build-up, while providing longevity and the ultimate in sustainability.



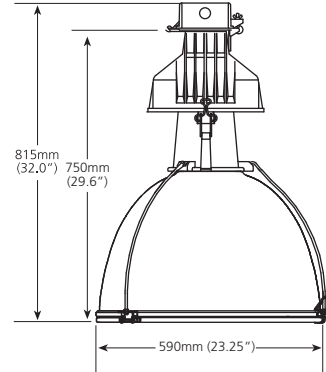
Spun On Aluminum Cover concentrates the majority of light downward.

ORDERING INFORMATION

DIMENSIONAL DETAILS



KE
(6611 optic)
Maximum Weight: 20.27 kg (44.7 lbs)



KE
(6612 optic)
Maximum Weight: 14.9 kg (55 lbs)

PERFORMANCE SPECIFICATIONS

Complete luminaire shall be Holophane catalog number _____. The luminaire shall consist of two sub-assemblies: ballast assembly containing the electrical components, mounting hardware, reflector attachment latches; and optical reflector. It shall have passed 0.5g accelerated fatigue vibration test, high ambient temperature test of and low ambient temperature test of -20°C.

The complete luminaire shall be listed by Underwriter Laboratories, Inc. as suitable for use in damp location ambients of up to 55°C as standard and CUL listed.

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 creep, fading, cracking, and other corrosion related deterioration. All hardware shall be zinc plated steel for corrosion protection.

Optical Assembly

Glass reflector shall be Endural® prismatic borosilicate glass with a minimum wall thickness of 33 mm (.13") and be supported from a die cast socket housing with three 5 mm (.19") minimum diameter steel rods bolted to a bottom retaining ring made of 16 gauge zinc plated clear chromate steel.

The tempered glass bottom closure shall hinge from this retaining frame. When bottom closure is latched at each support rod, it shall enclose the optical housing. Fixture to breathe through a non-deteriorating fiberglass gasket between the optical assembly and the ballast housing.

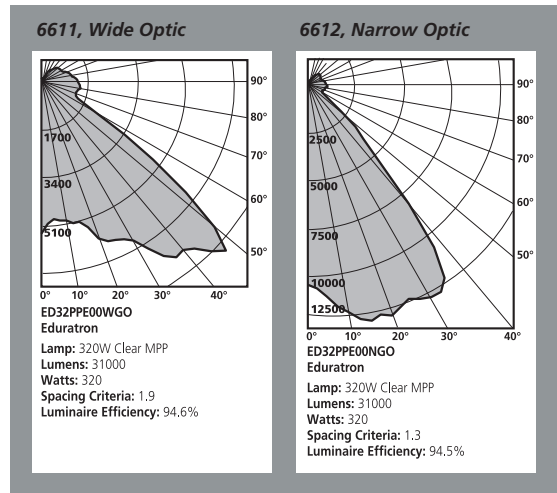
See page 78 for the performance specifications on the mounting options that are available.

EGN (Remote Ballast)

Optical specification shall be identical to that of the Prismpack® Enclosed; however, it shall mount to a cast wiring box. This box shall permit circuit leads to be attached to socket leads while in a hinged position. Optical assembly then latches to the closed position. Wiring box may be pendant mount, suspended with loop, hook and cord, or ceiling mount with DN20NPT (.75") threaded side entry.

To be used with Holophane Remote Ballasts.

DISTRIBUTIONS



PREFERRED SELECTIONS:

Most Frequently Ordered Catalog Numbers

KE	250PM	12	C	R	Z11	F1	LAMP
1	2	3	4	5	6	7	8
LUMINAIRE	WATTAGE	VOLTAGE	MOUNTING	CORD LENGTH	OPTICS	OPTIONS	ACCESSORIES
KE	250PM 320PM 350PM 400PP	12 MA MD	C H	R S	J12 Q12 U11 Z11	F1	LAMP

CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

(Pricing and lead times may be affected)



STEP 1: LUMINAIRE

KE PrismaPack Enclosed, 150 - 400 watt

Maximum Weight: 12.7 kg (28 lbs.)

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
175MH¹ 175W MH
250MH¹ 250W MH
400MH¹ 400W MH

Energy Saving
25LMH¹ 250W MH
40LMH¹ 400W MH

PULSE START METAL HALIDE
250PM² 250W PMH, protected
320PM² 320W PMH, protected
350PM² 350W PMH, protected
400PM² 400W PMH, protected

¹ Not available for shipment in the US after Dec. 31, 2008 due to EISA legislation
² (E) Meets US Federal EISA legislation

STEP 2: SOURCE (CONTINUED)

Energy Saving
25LPM² 250W PMH
35LPM² 350W PMH
40LPM² 400W PMH

¹ (E) Meets US Federal EISA legislation
² Not available with multi-voltage

STEP 3: VOLTAGE

08¹ 208V
12 120V
20 208V
24 240V
27 277V
34² 347V
40¹ 240V
48 480V

Multi-voltage
MA Prewired for 120V
MB Prewired for 208V
MC Prewired for 240V
MD Prewired for 277V
MT Multi-voltage
VT¹ Vari-tap for 120, 277, 347V

¹ Must be handled through TSG
² Available with 250HP, 400HP, 250PM, 25LPM, 320PM, 350PM and 35LPM

STEP 4: MOUNTING

Standard
P Pendant mount,
Q Quick disconnect
N Non-disconnect thru-wire

STEP 4: MOUNTING (CONTINUED)

Steel Hooks
A^{1,3} Steel hook, Holoflex® "L" cord drop
C^{2,3} Steel hook and cord
E^{1,3} Steel hook, Holoflex "T" cord drop
H^{2,3} Steel hook and cord, NEMA twist-off plug
S^{1,3} Steel hook and Holoflex II and selectable cord drop

Cast Hooks
B^{1,3} "HK" PF-455 cast hook and Holoflex "L" cord drop
F⁴ "HK" PF-455 cast hook and Holoflex "T" cord drop
T^{1,3} "HK" PF-455 cast hook and Holoflex II and selectable cord drop

¹ Available with 12, 20, 27, MA, MB, MD and VT voltages. 24V is only available through TSG. Not available with F2.
² Standard length is 3' and 6', other lengths available through TSG. Not available with F2.
³ "CD", "CDP", and "PHCB" handled through TSG
⁴ Must be handled through TSG

STEP 5: CORD LENGTH

F¹ 5' cord
N² No cord
R³ 3' cord
S³ 6' cord
T⁴ 10' cord

¹ Available with S or T mountings
² Must be used with P, Q or N mountings
³ Not available with P, Q, N, S or T mountings
⁴ Not available with P, Q, or N mountings Available with C mounting through TSG only

STEP 6: OPTICS

Select catalog number from the chart

6611
Maximum Weight: 7.57 kg (16.7 lbs.)

6612
Maximum Weight: 12.26 kg (27 lbs.)

Spacing to Mtg. Ht. Ratio	HIGH PRESSURE SODIUM	
	150W	250-400W
0.7:1 - 1.2:1	Q12	S12
1.2:1 - 2.2:1	Q11	S11

Spacing to Mtg. Ht. Ratio	METAL HALIDE				
	175-320W	320PM	350W	400PM	400MH
0.7:1 - 1.2:1	Q12	Q12	Z12	Z12	Z12
1.2:1 - 2.2:1	Q11	U11	Z11	Z11	Z11

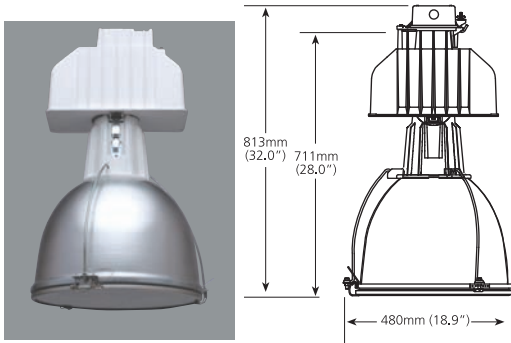
STEP 7: OPTIONS

Factory Installed.
See page 85 for a complete list of options and product availability

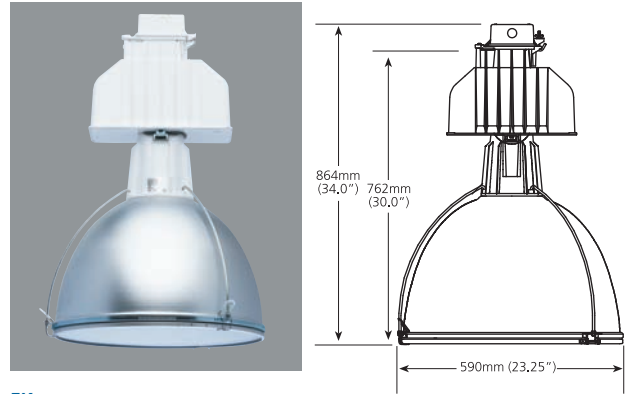
STEP 8: ACCESSORIES

Ships Separately.
See page 86 for a complete list of accessories and product availability

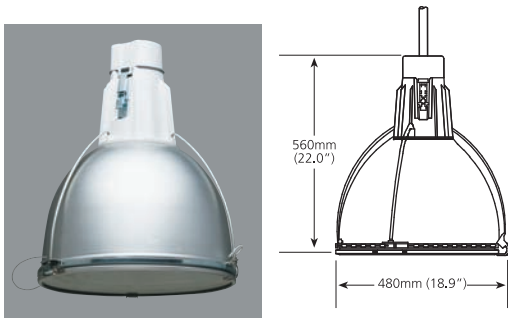
DIMENSIONAL DETAILS



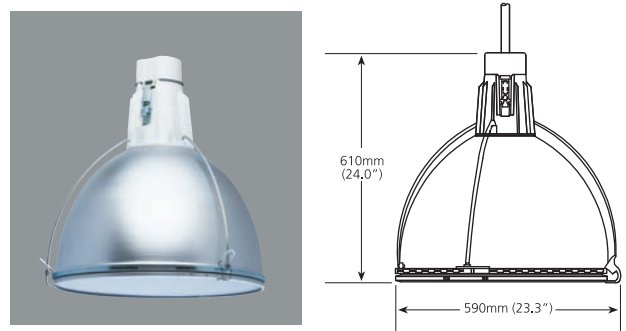
EK
(6611 optic)
Maximum Weight: 32.0 kg (70.7 lbs)



EK
(6612 optic)
Maximum Weight: 36.74 kg (81 lbs)



EGN
(6611 optic)
Maximum Weight: 12.11 kg (26.7 lbs)



EGN
(6612 optic)
Maximum Weight: 16.78 kg (37 lbs)

PREFERRED SELECTIONS:

Most Frequently Ordered Catalog Numbers

EK	750PM	12	Q	Q11	F1	PF-291
1	2	3	4	5	6	7
LUMINAIRE	WATTAGE	VOLTAGE	MOUNTING	OPTICS	OPTIONS	ACCESSORIES
EGN EK	250HP 750PM	12 MA MD	N P Q	Q11 Q12 W11 Y12	F1	PF-291

CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

(Pricing and lead times may be affected)



STEP 1: LUMINAIRE

EK PrismaPack Enclosed, 750 - 1000 watt
EGN PrismaPack Enclosed, remote ballast

EK
Maximum Weight: 24.5 kg (54 lbs.)

EGN
Maximum Weight: 4.5 kg (10 lbs.)

STEP 2: SOURCE AND WATTAGE

EK
HIGH PRESSURE SODIUM
750HP¹ 750W HPS
C10HP 1000W HPS
METAL HALIDE
40RMH^{1,2} 400W MH, mag. reg.
C10MH 1000W MH
PULSE START METAL HALIDE
750PM³ 750W PMH
EGN
HIGH PRESSURE SODIUM
250HP 250W HPS
400HP 400W HPS
Energy Saving
25LHP 250W HPS
40LHP 400W HPS
METAL HALIDE
175MH² 175W MH
250MH² 250W MH
400MH² 400W MH
C10MH² 1000W MH
Energy Saving
25LMH² 250W MH
40LMH² 400W MH

1 NA with "MA", "MB", "MC", "MD", or "MT"
 2 Not available for shipment in US after Dec. 31, 2008, due to EISA legislation
 3 Meets US Federal EISA legislation

STEP 3: VOLTAGE

08¹ 208V
12 120V
20³ 208V
24³ 240V
27 277V
34² 347V
40¹ 240V
48 480V

Multi-voltage
MA³ Prewired for 120V
MB³ Prewired for 208V
MC³ Prewired for 240V
MD³ Prewired for 277V
MT Multi-voltage, 120, 208, 240, 277V
VT⁴ Vari-tap, 120, 277, 347V

1 Isolated secondary, CUL, Not available with 40RMH and 750HP, handled through TSG
 2 Not available with 750HP.
 3 Available with EK luminaire only
 4 Available with 750PM only.

STEP 4: MOUNTING

P Pendant Mount, .75" NPT Conduit
Q Quick Disconnect Power Hanger
N¹ No Quick Disconnect Power Hanger

1 For CP1HP version, N mounting is without thru-wiring

STEP 5: OPTICS

Select catalog number from the chart

6611
Maximum Weight: 7.57 kg (16.7 lbs.)

6612
Maximum Weight: 12.26 kg (27 lbs.)

Spacing to Mtg. Ht. Ratio	HIGH PRESSURE SODIUM Lamp Source and Wattage		
	175-250W	400-750W	1000W
EK			
0.7:1 - 1.2:1	W12	Z12	A12
1.2:1 - 2.2:1	W11	Z11	
EGN			
0.7:1 - 1.2:1	W12	W12	A12
1.2:1 - 2.2:1	W11	W11	

Spacing to Mtg. Ht. Ratio	METAL HALIDE Lamp Source and Wattage		
	175-250W	400-750W	1000W
EK			
0.7:1 - 1.2:1		Z12	B12
1.2:1 - 2.2:1		Z11	
EGN			
0.7:1 - 1.2:1		Z12	B12
1.2:1 - 2.2:1	U11	Z11	

STEP 6: OPTIONS

Factory Installed.
 See page 85 for a complete list of options and product availability

STEP 7: ACCESSORIES

Ships Separately.
 See page 86 for a complete list of accessories and product availability



CENTAGLO®

THE CENTAGLO LUMINAIRE HAS MANY DISTINCTIVE FEATURES. UNIQUE SHAPE, MULTIPLE DISTRIBUTIONS, LOW BRIGHTNESS AND HIGH ANGLE GLARE REDUCTION ARE JUST A FEW DESIGN FEATURES MAKING THE CENTAGLO LUMINAIRE ONE OF A KIND. A TAPERED BOTTOM LIMITS DIRECT VIEWING OF THE LAMP; A SPECIAL FEATURE DESIGNED FOR WAREHOUSE AND PRODUCTION FACILITIES.



FEATURES AND BENEFITS

- Minimal direct and reflected glare improves visual acuity
- Engineered up/down light offers exceptional vertical and horizontal illumination
- Asymmetric or symmetric distributions with narrow or wide beam spread increases the versatility of this luminaire
- Choice of factory set distributions ensures proper photometric performance

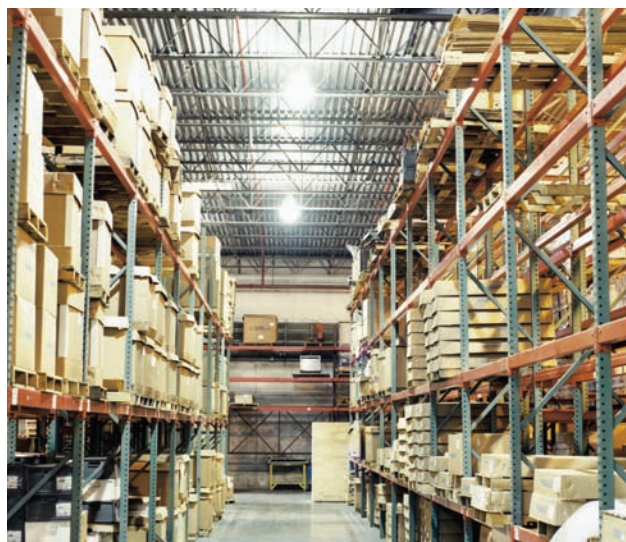
TYPICAL APPLICATIONS

- Assembly Areas
- Warehouses
- Convention Centers
- Gymnasiums
- Retail Stores



APPLICATIONS

IN MANY INDUSTRIAL AND COMMERCIAL APPLICATIONS, VERTICAL FOOTCANDLES ARE EQUALLY AS IMPORTANT, IF NOT MORE IMPORTANT, THAN HORIZONTAL FOOTCANDLES. CENTAGLO'S UPLIGHT REFLECTOR AND UNIQUE REFRACTOR COMBINATION PROVIDES OUTSTANDING VERTICAL FOOTCANDLES WHILE SOFTENING ANY SIDE WALL BRIGHTNESS.



Assembly Areas

CentaGlo luminaires successfully control uniformity ratios, glare, uplight and brightness as well as horizontal and vertical illumination levels to ensure quality lighting for task sensitive applications such as those required in an assembly area. The CentaGlo optic is a combination reflector top with a refractor bottom that allows the light to leave the fixture at a high angle providing great vertical footcandles and uniformity ratios.

Gymnasiums

All the elements of a quality lighting installation provided through the use of CentaGlo luminaires translate to an indoor environment where everyone can easily accomplish the required visual task and feel comfortable doing so. No matter if the task is tracking a volleyball, reading sheet music at a band concert or observing actors in a school play, the CentaGlo luminaire provides a quality of light that makes performing tasks in a gymnasium much easier.

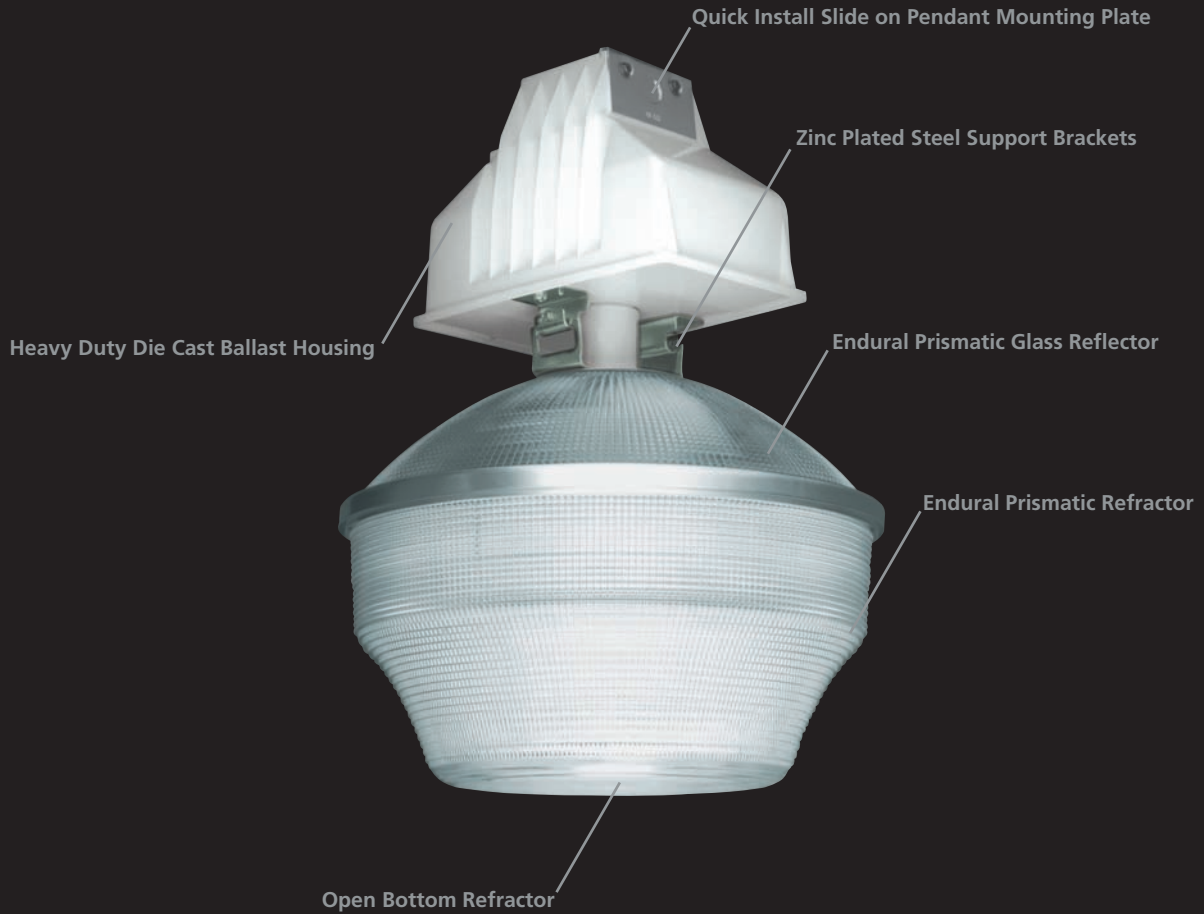
Big Box Retail

The CentaGlo luminaire's upward lighting component brightens the ceiling and reduces shadowing creating an inviting atmosphere which is highly desirable within retail applications. The refractor walls evenly distribute light in a downward direction to minimize brightness while the reduced opening eliminates high angle glare from direct view of the lamp.

Warehouses

CentaGlo luminaires have distributions to suit a wide range of applications within a typical warehouse. A symmetrical distribution is used for large open areas while the asymmetric distribution is ideal for tall narrow aisle ways. Each are offered in wide or narrow distributions to suit the mounting height and desired light levels. This allows CentaGlo luminaires to maximize the light output for the application while providing all the benefits of quality lighting.





Variety of Mounting Options available in quick disconnect, pendant and thru-wiring power hanger mountings.

Quick Install Slide on Pendant Mounting Plate with quick disconnect feed through wiring box provides ease of installation and maintenance



Heavy Duty Die Cast Ballast Housing supports optics and is pretreated and coated with electro-statically deposited thermoset polyester white powder paint.

Zinc Plated Steel Support Brackets quickly secures reflector/refractor to the housing at the proper lamp position requiring no adjustment.



Open Bottom Refractor sized to hide the lamp and eliminate glare at high angles while providing an optimal direct downward contribution.

Open Top and Bottom Optics minimizes dirt and dust build up providing maximum output.



Endural® Prismatic Glass Reflector permits controlled uplight to reduce shadowing and improve uniformity.

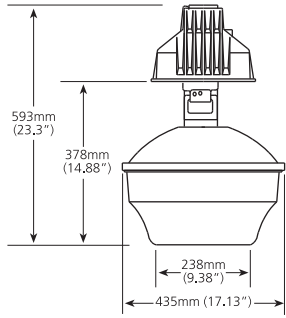
Endural® Prismatic Refractor designed for optimal vertical illumination and lower brightness.

ORDERING INFORMATION

DIMENSIONAL DETAILS



Maximum Weight: 26 kg (57 lbs)



PERFORMANCE 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 brackets; and the optical assembly.

The complete luminaire shall be listed by Underwriter Laboratories, Inc. as suitable for use in damp location ambients of up to 55°C as standard.

The die cast aluminum ballast housing shall be protected against corrosion by a seven stage pretreatment followed by electrostatically applied white polyester powder paint. All hardware shall be zinc plated steel for corrosion protection.

Optical Assembly

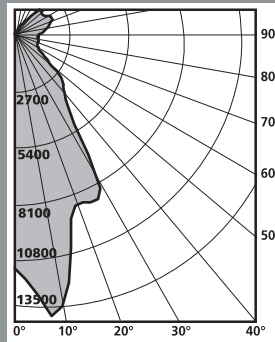
Fixture shall include an optical assembly composed of an Endural® prismatic glass reflector and refractor permanently joined together. The upper component shall be a reflector permitting upright in a controlled area while also reflecting light back into the lower refractor. The refractor shall be available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

The optical assembly attaches to the ballast assembly by means of two support brackets fitting directly into the reflector hanging assembly.

See page 78 for the performance specifications on the mounting options that are available.

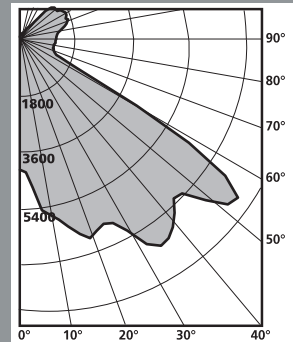
DISTRIBUTIONS

Asymmetric Narrow



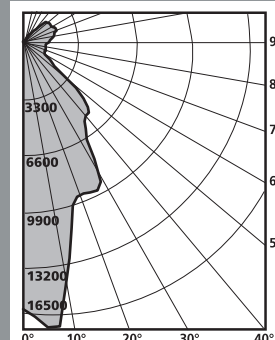
CG400MH00XB1
CentaGlo
Lamp: 400W Clear MH
Lumens: 36000
Watts: 400
Spacing Criteria: 1.1 (0°, 180°); 1.2 (90°)
Luminaire Efficiency: 87.5%

Asymmetric Wide



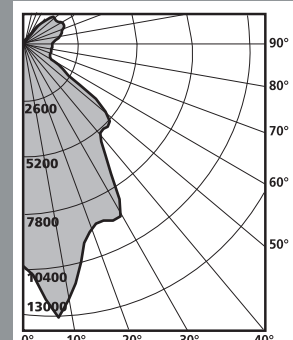
CG400MH00XD1
CentaGlo
Lamp: 400W Clear MH
Lumens: 36000
Watts: 400
Spacing Criteria: 1.6 (0°, 180°); 1.7 (90°)
Luminaire Efficiency: 88.3%

Symmetric Narrow



CG400MH00XB2
CentaGlo
Lamp: 400W Clear MH
Lumens: 40000
Watts: 400
Spacing Criteria: 0.7
Luminaire Efficiency: 89.4%

Symmetric Wide



CG400MH00XA2
CentaGlo
Lamp: 400W Clear MH
Lumens: 40000
Watts: 400
Spacing Criteria: 1.2
Luminaire Efficiency: 90.4%

PREFERRED SELECTIONS:

Most Frequently Ordered Catalog Numbers

CG	250HP	12	P	M1	F1	PF-291
1	2	3	4	5	6	7
LUMINAIRE	WATTAGE	VOLTAGE	MOUNTING	OPTICS	OPTIONS	ACCESSORIES
CG	250HP 250PP 320PP 350PP 400PP	12	N P Q	M1	F1	PF-291

CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

(Pricing and lead times may be affected)



STEP 1: LUMINAIRE	
CG	CentaGlo
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 ^{1,2}	175W MH, protected
250MP ^{1,2}	250W MH, protected
400MP ^{1,2}	400W MH, protected
Energy Saving	
25LMP ^{1,2}	250W MH, protected
40LMP ^{1,2}	400W MH, protected
PULSE START METAL HALIDE	
250PP ^{1,3}	250W MH, protected
320PP ^{1,3}	320W MH, protected
350PP ^{1,3}	350W MH, protected
400PP ^{1,3}	400W MH, protected
Energy Saving	
35LPP ^{1,3}	350W MH, protected
40LPP ^{1,3}	400W MH, protected
<p>1 Protected Lamp, Sockets that accept open fixture rated lamps only. Standard mogul base lamps are not accepted</p> <p>2 Not available for shipment in US after Dec. 31, 2008, due to EISA legislation</p> <p>3 Meets US Federal EISA legislation</p>	

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 ¹	Vari-tap for 120, 277, 347V
<p>1 Must be handled through TSG</p> <p>2 Available with 250HP, 250MP, 250PP, 25LPP, 320PP, 350PP, 35LPP and 400MP only</p>	
STEP 4: MOUNTING	
P	Pendant mount, .75" NPT conduit
Q ¹	Quick disconnect power panger
N ²	No quick disconnect power hanger
<p>1 Not available with "CDP", "PCHB", or "PF"</p> <p>2 CP10HP available with N mounting but without thru-wiring</p>	

STEP 5: OPTICS		
<i>Select catalog number from the chart</i>		
ASYMMETRIC		
Spacing Criteria	Lamp Source and Wattage	
	High Pressure Sodium	
	150W	250W - 400W
Narrow	M1	E1
Wide	H1	M1
Metal Halide		
	175W - 320W	250W - 400W
Narrow	M1	B1
Wide	H1	D1
SYMMETRIC		
Spacing Criteria	Lamp Source and Wattage	
	High Pressure Sodium	
	150W	250W - 400W
1.1:1	M2	E2
1.4:1	N2	C2
Metal Halide		
	175W - 320W	250W - 400W
1.1:1	M2	B2
1.4:1	N2	A2
STEP 6: OPTIONS		
Factory Installed.		
<i>See page 83 for a complete list of options and product availability</i>		
STEP 7: ACCESSORIES		
Ships Separately.		
<i>See page 84 for a complete list of accessories and product availability</i>		



CRANELITE®

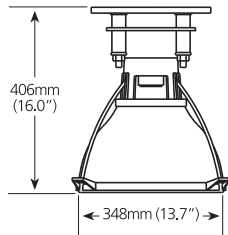
INDUSTRIAL PLANTS ARE USUALLY LIGHTED WITH HIGH BAY REFLECTORS AT TRUSS HEIGHT ABOVE CRANES. WHEN CRANES ARE IN USE, THE ILLUMINATION FROM OVERHEAD IS BLOCKED. TO COMPENSATE FOR THIS LOSS OF LIGHT UNDER THE CRANE, PROVISIONS ARE MADE FOR INSTALLATION OF LUMINAIRES UNDER THE CATWALK OR ALONGSIDE THE CRANE BOX STRUCTURE.

FEATURES AND BENEFITS

- Mounting system designed to handle vibration and rough service in crane operations
- Thermal shock resistant Endural® prismatic borosilicate glass optics accommodates for the vibrations and rough service in crane operations

ORDERING INFORMATION

DIMENSIONAL DETAILS



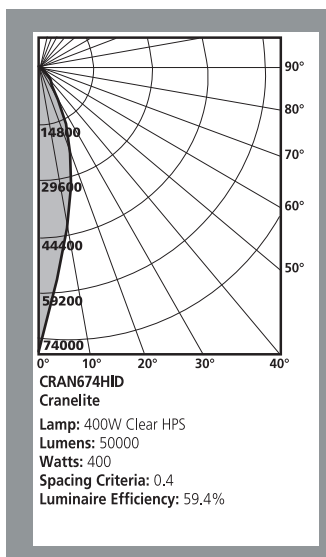
Maximum Weight: 18.5 kg (41 lbs)

PREFERRED SELECTIONS:

Most Frequently Ordered Catalog Numbers

CRAN	250HP	4	W	LAMP
1	2	3	4	5
LUMINAIRE	WATTAGE	OPTICS	OPTIONS	ACCESSORIES
CRAN	250HP 400HP	4	W	LAMP CRAN674WG

DISTRIBUTIONS



CATALOG NUMBERS FOR ENTIRE OFFERING

(Pricing and lead times may be affected)



STEP 1: LUMINAIRE
CRAN Non-ballasted Canelite
STEP 2: SOURCE AND WATTAGE
HIGH PRESSURE SODIUM
250HP 250W HPS
400HP 400W HPS
METAL HALIDE
400MP ¹ 400W MH, protected
INCANDESCENT
500IN Incandescent

¹ Not available for shipment in US after Dec. 31, 2008, due to EISA legislation

STEP 3: OPTICS
4 674 optics.
STEP 6: OPTIONS
<i>Factory Installed.</i>
W Drip cover for wet locations
STEP 7: ACCESSORIES
<i>Ships Separately.</i>
Lamp Appropriate lamp shipped
CRAN674WG 674 wire guard

APPLICATIONS

- Industrial Plants
- Catwalks
- Crane Box Structures

PERFORMANCE SPECIFICATIONS

Construction features

Three pairs of 30mm (1 3/16") diameter shock absorber sleeves dampen sideways and vertical movements thereby eliminating destructive shock and whip. The Canelite fixture is fastened to the crane by a 260mm (10 1/4") diameter, 13mm (1/2") thick metal plate. Wide flange construction assures solid contact with the crane. .75" NPT female pipe thread is provided in the hood for wiring from outlet box through flexible conduit.

When installed under a catwalk by crane manufacturers, Canelite fixtures can be relamped by raising and rotating a hinged segment of the catwalk floor. Projecting angle assemblies can be used to mount Canelite fixtures on sides of catwalk kick-plates or sides of crane structures. The Canelite is non-ballasted. A remote ballast must be ordered for MH and HPS sources.

Illumination

Point-by-point calculations from photometric distribution curves should be used for all lighting layouts. The amount of illumination under a crane should equal or exceed the level provided by the general lighting system.

Incandescent lamps should be operated at 120 volts. If cranes are rated at higher voltages, it is advisable to use auto-transformers for AC circuits and ballasts resistors for DC circuits.

Listings

The Canelite luminaire is UL/CUL listed for damp locations. Drip cover option makes Canelite UL/CUL listed for wet locations.

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.

OPTIONS AND ACCESSORIES



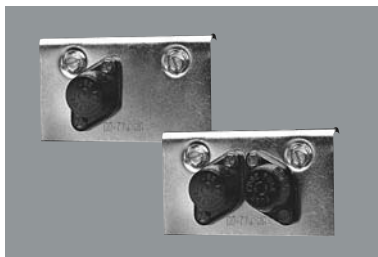
Auxiliary Lighting

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



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.



Fusing

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

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	



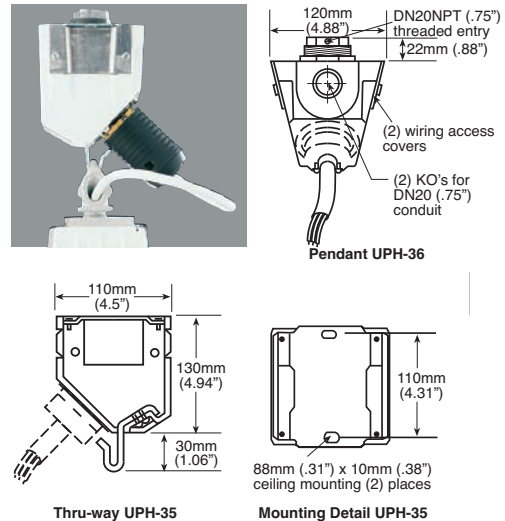
QD - Quick-Disconnect Pendant and Throughway Wiring

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.

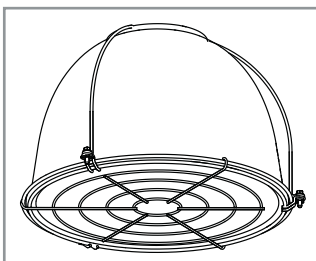
The receptacle shall be UL listed for connection to lighting branch circuits which can then be energized before the housing is attached. The grounding connection shall be the first to make contact and the last to disconnect.

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.



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.



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.




STANDARD FEATURES, OPTIONS AND ACCESSORIES

		Enduratron	
			
Luminaire		H/W Optics	N Optics
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	S
Optics	The revolutionary ISD SuperGlass available in wide or narrow light distributions. Enclosed optics offer product components to seal off contaminants	S	S
Electrical	UL/CUL labeled for damp locations, suitable for ambient temperatures up to 40°C.	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
Finish	Standard finishes available in white, black or satin nickel colors.	S	S
CD-X-PT	Cord only attached as an option to the electrical assembly. Insert "3", "4", "5" or "6" for "X" in catalog number.	O	O
A	Individually Sensored High Bay with dimming for a 360° occupancy sensor. This option is not available with "D" dimming, or "PHOTOC" the photocontrol sensor.	O	O
C1	10' safety chain. (C10-UT for Enduratron version)	O	O
C3	3' safety chain (C3-UT for Enduratron version)	O	O
C6	6' safety chain (C6-UT for Enduratron version)	O	O
D	Dimming with terminal block and leads	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
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
F1	Single fuse assembly. (LINE-to-LINE 240/277 volt)	O	O
F2	Double fuse assembly. (LINE-to-COM 208/240 volt)	O	O
HFW	Holoflex® flexible wiring system. A modular single or three phase wiring system that provides flexibility in layout, quick installation and lower installed cost. Available with 277V only (208 and 240V are available through TSG)	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
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
HK	Safety hook, (.75") male	O	O
LP	Loop, (.75") male	O	O
PHCB-PT	Powerhook cord for 208, 240 and 277 volt	O	O
PF-105-PT	Cast malleable iron loop assembly, (.75") male	O	O
PF-121-PT	Cast malleable iron safety hook assembly, (.75") male	O	O
LAMP	Appropriate HID lamp	A	A
PHOTOC	Photocontrol sensor. Must order "D" dimming option.	A	A
0277	Wire guard relamp door for 09269 and 09270 wire guards	A	A
09267	Wire guard for "E" Enclosed 6611 optic	A	—
09268	Wire guard for "E" Enclosed 6612 optic	—	A
09269	Wire guard for "O" Open 6611 optic	A	—
09270	Wire guard for "O" Open 6612 optic	—	A
09274	Rods and rings for "O" open 6611 optic	A	—
09275	Rods and rings for "O" open 6612 optic	—	A
F1	Single fuse assembly. (240/277 volt)	A	A
F2	Double fuse assembly. (208/240 volt)	A	A
ILCHAINX	Safety chain. Insert "3", "6" or "10" for "X" in catalog number	A	A
HOOK455	Safety hook, (.75") DN20NPT male	A	A
LOOP456	Loop, (.75") DN20NPT male	A	A
PF-105-B	Cast malleable iron loop assembly, (.75") male	A	A
PF-121-A	Cast malleable iron safety hook assembly, (.75") male	A	A
UPH-35-XXX-WH	Thru-way powerhook for 120, 208, 240 and 277V	A	A
UPH-36-XXX-WH	Pendant powerhook for 120, 208, 240 and 277V	A	A

- S** Standard - Standard product features
- O** Option - Product options are factory installed
- A** Accessory - Product accessory ships separately
- Not Available

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

	Prismalume		Prismalume Enclosed		
					
Luminaire	PRSL	PS	PE	EP	EGH
HID Ballast Standard HID ballast available in 150-400 watt high pressure sodium, metal halide and pulse start metal halide					
Housing Heavy duty, cast aluminum ballast housing.					
Electrical UL/CUL labeled for damp locations, suitable for ambient temperatures up to 40°C.					
Mounting A variety of mountings including pendant, quick disconnect, and thru-way wiring, as well as Holoflex with a 5' or 6' cord drop					
Finish Standard finish is white for ballast housing					
08214-X Safety chain (3' is standard)			—	—	—
65 65°C Ambient listing for "40LHP", "40LMP", "40LPP", "C10HP" and "C10MP" only			—		—
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".		—		—	—
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".		—		—	—
CD-X Cord only attached as an option to the electrical assembly. Insert "3", "4", "5" or "6" for "X" in catalog number. Not available with "MT". "PE" is not available with "4" and "5" lengths. For lengths longer than 6' handle through TSG					
CDP-L5-15-X-PT 120V 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.					—
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.					—
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.					—
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.					—
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.					—
CR Corrosion resistant finish (handled through TSG)	—			—	—
D35 AERS® - Automatic Energy Reduction System 35% low mode operation, low voltage DC control. Available with 250HP, 25LHP, 400HP, and 40LHP. Not available with "EM", "ISA" or "ISR".		—		—	—
D50 AERS® - Automatic Energy Reduction System 50% 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".		—		—	—
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					
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					—
F1 Single fuse assembly. (LINE-to-LINE 240/277 volt)					
F2 Double fuse assembly. (LINE-to-COM 208/240 volt)					
H HALT® Automatic lamp timeout			—		—
HFW Holoflex® flexible wiring system . A modular single or three phase wiring system that provides flexibility in layout, quick installation and lower installed cost. Available with 277V only (208 and 240V are available through TSG)	—		—		—
HK Safety hook, (.75") male. (Order HK-PT for ELE)					
ISA Individually Sensored High Bay, aisle way sensor. Not available with "MT", or with mogul base units (070HP, 170DHP, 15AHP, 175MH/PM)		—		—	—
ISR Individually Sensored High Bay, 360° round sensor. Not available with "MT", or with mogul base units (070HP, 170DHP, 15AHP, 175MH/PM)		—		—	—
LL Latch lock safety clip	—	—		—	—
LP Loop, (.75") male (Order LP-PT for ELE)					

-  **Standard** - Standard product features
-  **Option** - Product options are factory installed
-  **Accessory** - Product accessory ships separately
- **Not Available**




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

STANDARD FEATURES, OPTIONS AND ACCESSORIES

Luminaire	Prismalume		Prismalume Enclosed		
	PRSL	PS	PE	EP	EGH
PECHAINX Safety chain. Insert "3", "6", or "10" for "X" in catalog number.	—	—	⊕	—	—
PHCB Power-hook 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-104 Hook, (.75") male. Available with "P" mount only.	—	⊕	—	—	⊕
PF-105 Cast malleable iron loop assembly, (.75") male	⊕	⊕	⊕	⊕	—
PF-121 Cast malleable iron safety hook assembly, (.75") male	⊕	⊕	⊕	⊕	—
PF-129 Anti-rotational hook, (.75") male. Available with "P" mount only.	⊕	⊕	⊕	⊕	⊕
PF-291 Safety hook (.75") male. Available with "P" mount only.	⊕	⊕	⊕	⊕	—
PS HPS protected starter. (HPS only)	⊕	⊕	⊕	⊕	—
S Single pack for the electrical assembly	⊕	—	⊕	—	—
TD Standby lighting fixture. Tungsten-halogen lamp with time delay relay. Not applicable with "EM", "ER", or "65". Limited to 40°C ambient.	⊕	—	—	—	—
09162-X Safety chain. Secures electrical and optical assembly. 3' is standard length. Insert length for "X" in catalog number.	—	—	—	A	A
09267 Wire guard for 6611 ISD SuperGlass® optics	—	—	A	—	A
09268 Wire guard for 6612 ISD SuperGlass® optics	—	—	A	—	A
09274 Wire guard for 6611 ISD SuperGlass® optics	A	A	—	—	—
09275 Wire guard for 6612 ISD SuperGlass® optics	A	A	—	—	—
F1 Single fuse assembly. (LINE-to-LINE 240/277 volt)	—	—	—	—	A
F2 Double fuse assembly. (LINE-to-COM 208/240 volt)	—	—	—	—	A
HOOK455 Safety hook, (.75") DN20NPT male	A	A	A	A	—
LAMP Appropriate HID lamp	A	A	A	A	A
LOOP456 Loop, (.75") DN20NPT male	A	A	A	A	—
PECHAINX-ACC Safety chain. Insert "3", "6", or "10" for "X" in catalog number.	—	—	A	—	—
PF-105-B Cast malleable iron loop assembly, (.75") male	A	A	A	A	—
PF-116-A Cast malleable iron loop, (.75") female	A	A	A	A	—
PF-121-A Cast malleable iron safety hook assembly, (.75") male	A	A	A	A	—
PF-122-A Safety hook assembly, (.75") female	A	A	A	A	—
PF-129-A Anti-rotational hook, (.75") male	A	A	A	A	—
PF-291 Universal gasketed hook, (.75") male	A	A	A	A	—
PS-50 Replacement protected starter for 150 and less watt HPS	A	—	A	—	—
PS-100 Replacement protected starter for 200 - 400 watt HPS	A	—	A	—	—
PS-1000 Replacement protected starter for "C10HP"	—	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	—

- S** Standard - Standard product features
- ⊕** Option - Product options are factory installed
- A** Accessory - Product accessory ships separately
- Not Available























































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




	RE Luminaire	Twin Series	CentaGlo
			
Luminaire	RE	TW	CG
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
Electrical	UL/CUL labeled for damp locations, suitable for ambient temperatures up to 40°C.	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
Finish	Standard finish is white for ballast housing	S	S
08214-X	Safety chain (3' is standard)	—	O
65	65°C Ambient listing for "40LHP", "40LMP", "40LPP", "C10HP" and "C10MP" only	—	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
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
C-X	Safety chain. Insert "3", "6", or "1" for "X" in catalog number.	O	—
CD-X	Cord only attached as an option to the electrical assembly. Insert "3", "4", "5" or "6" for "X" in catalog number. Not available with "MT". "RE" and "TW" are not available with "4" and "5" lengths. For lengths longer than 6' handle through TSG	—	O
CDP-L5-15-X-PT	120V 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
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
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
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
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
CR	Corrosion resistant finish (handled through TSG)	—	O
D35	AERS® - Automatic Energy Reduction System 35% low mode operation, low voltage DC control. Available with 250HP, 25LHP, 400HP, and 40LHP. Not available with "EM", "ISA" or "ISR".	—	O
D50	AERS® - Automatic Energy Reduction System 50% 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
ELB	Extra low bightness reflector	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
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
F1	Single fuse assembly. (LINE-to-LINE 240/277 volt)	O	O
F2	Double fuse assembly. (LINE-to-COM 208/240 volt)	O	O
H	HALT® Automatic lamp timeout	O	O
HFW	Holoflex® flexible wiring system . A modular single or three phase wiring system that provides flexibility in layout, quick installation and lower installed cost. Available with 277V only (208 and 240V are available through TSG)	—	O
HK	Safety hook, (.75") male. (Order HK-PT for ELE)	—	O
LL	Latch lock safety clip	—	O
LP	Loop, (.75") male (Order LP-PT for ELE)	—	O

- S** Standard - Standard product features
- O** Option - Product options are factory installed
- A** Accessory - Product accessory ships separately
- Not Available






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

STANDARD FEATURES, OPTIONS AND ACCESSORIES

	RE Luminaire	Twin Series	CentaGlo
			
Luminaire	RE	TW	CG
PHCB Power-hook 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-104 Hook, (.75") male. Available with "P" mount only.	—		
PF-105 Cast malleable iron loop assembly, (.75") male	—		
PF-121 Cast malleable iron safety hook assembly, (.75") male	—		
PF-129 Anti-rotational hook, (.75") male. Available with "P" mount only.	—		
PF-291 Safety hook (.75") male. Available with "P" mount only.	—		
PS HPS protected starter. (HPS only)	—	—	
S Single pack for the electrical assembly	—	—	
UP Unit pack. Optical and electrical assembly packed in one carton		—	—
0277 Wire guard access door	—		—
09269 Wire guard with relamp hole for open bottom for 6611-AL optics. Requires quantity of 2	—		—
09270 Wire guard with relamp hole for open bottom for 6612-AL optics. Requires quantity of 2	—		—
09274 Wire guard without relamp hole for open bottom for 6611-AL optics. Requires quantity of 2	—		—
09275 Wire guard without relamp hole for open bottom for 6612-AL optics. Requires quantity of 2	—		—
HOOK455 Safety hook, (.75") DN20NPT male	—		
LAMP Appropriate HID lamp			
LOOP456 Loop, (.75") DN20NPT male	—		
PF-105-B Cast malleable iron loop assembly, (.75") male	—		
PF-116-A Cast malleable iron loop, (.75") female	—	—	
PF-121-A Cast malleable iron safety hook assembly, (.75") male	—	—	
PF-122-A Safety hook assembly, (.75") female	—		
PF-129-A Anti-rotational hook, (.75") male	—		
PF-291 Universal gasketed hook, (.75") male	—		
PS-55 Replacement protected starter for 150 and less watt HPS	—	—	
PS-100 Replacement protected starter for 200 - 400 watt HPS	—	—	
TWC Safety chain for Twin Series. 3' is standard length	—		
UPH-35-XXX-WH Thru-way power-hook. Available with "P" mounting only. Not available with "ER" or "MT"	—		
UPH-35-L8-480-WH 480V Thru-way power-hook. Available with "P" mounting only.	—		
UPH-36-XXX-WH Pendant power-hook. Available with "P" mounting only. Not available with "ER" or "MT"	—		
UPH-36-L8-480-WH 480V Pendant power-hook. Available with "P" mounting only.	—		
WGCG Wire guard	—	—	

-  **Standard** - Standard product features
-  **Option** - Product options are factory installed
-  **Accessory** - Product accessory ships separately
- **Not Available**

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

		PrismPack V		PrismPack V Enclosed		
						
Luminaire		PP5K	PV	KE	EK	EGN
HID Ballast	Standard HID ballast available in 150-400 watt high pressure sodium, metal halide and pulse start metal halide	S	S	S	S	S
Housing	Heavy duty, cast aluminum ballast housing.	S	S	S	S	S
Electrical	UL/CUL labeled for damp locations, suitable for ambient temperatures up to 40°C.	S	S	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	S	S
Finish	Standard finish is white for ballast housing	S	S	S	S	S
08214-X	Safety chain (3' is standard)	O	O	—	—	—
65	65°C Ambient listing for "40LHP", "40LMP", "40LPP", "C10HP" and "C10MP" only	O	O	—	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	—	—	—	—
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	—	—	—	—
CD-X	Cord only attached as an option to the electrical assembly. Insert "3", "4", "5" or "6" for "X" in catalog number. Not available with "MT". "PE" is not available with "4" and "5" lengths. For lengths longer than 6' handle through TSG	O	O	O	O	O
CDP-L5-15-X-PT	120V 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-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	—	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	—
CR	Corrosion resistant finish (handled through TSG)	—	O	—	—	—
D35	AERS® - Automatic Energy Reduction System 35% low mode operation, low voltage DC control. Available with 250HP, 25LHP, 400HP, and 40LHP. Not available with "EM", "ISA" or "ISR".	O	—	—	—	—
D50	AERS® - Automatic Energy Reduction System 50% 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	—	—	—	—
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	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	O	—
F1	Single fuse assembly. (LINE-to-LINE 240/277 volt)	O	O	O	O	O
F2	Double fuse assembly. (LINE-to-COM 208/240 volt)	O	O	O	O	O
H	HALT® Automatic lamp timeout	O	O	—	O	—
HFW	Holoflex® flexible wiring system - A modular single or three phase wiring system that provides flexibility in layout, quick installation and lower installed cost. Available with 277V only (208 and 240V are available through TSG)	—	O	—	O	—
HK	Safety hook, (.75") male. (Order HK-PT for ELE)	O	O	O	O	O
ISA	Individually Sensored High Bay, aisle way sensor. Not available with "MT", or with mogul base units (070HP, 170DHP, 15AHP, 175MH/PM)	O	—	O	—	—
ISR	Individually Sensored High Bay, 360° round sensor. Not available with "MT", or with mogul base units (070HP, 170DHP, 15AHP, 175MH/PM)	O	—	O	—	—
LL	Latch lock safety clip	—	—	O	—	—
LP	Loop, (.75") male (Order LP-PT for ELE)	O	O	O	O	O

- S** Standard - Standard product features
- O** Option - Product options are factory installed
- A** Accessory - Product accessory ships separately
- Not Available

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

STANDARD FEATURES, OPTIONS AND ACCESSORIES

Luminaire	Prismpack V		Prismpack V Enclosed		
	PP5K	PV	KE	EK	EGN
PECHAINX Safety chain. Insert "3", "6", or "10" for "X" in catalog number.	—	—	⊕	—	—
PHCB Power-hook 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-104 Hook, (.75") male. Available with "P" mount only.	—	⊕	—	—	⊕
PF-105 Cast malleable iron loop assembly, (.75") male	⊕	⊕	⊕	⊕	—
PF-121 Cast malleable iron safety hook assembly, (.75") male	⊕	⊕	⊕	⊕	—
PF-129 Anti-rotational hook, (.75") male. Available with "P" mount only.	⊕	⊕	⊕	⊕	⊕
PF-291 Safety hook (.75") male. Available with "P" mount only.	⊕	⊕	⊕	⊕	—
PS HPS protected starter. (HPS only)	⊕	⊕	⊕	⊕	—
S Single pack for the electrical assembly	⊕	—	⊕	—	—
TD Standby lighting fixture. Tungsten-halogen lamp with time delay relay. Not applicable with "EM", "ER", or "65". Limited to 40°C ambient.	⊕	—	—	—	—
09162-X Safety chain. Secures electrical and optical assembly. 3' is standard length. Insert length for "X" in catalog number.	—	—	—	A	A
09267 Wire guard for 6611 ISD SuperGlass® optics	—	—	A	—	A
09268 Wire guard for 6612 ISD SuperGlass® optics	—	—	A	—	A
09274 Wire guard for 6611 ISD SuperGlass® optics	A	A	—	—	—
09275 Wire guard for 6612 ISD SuperGlass® optics	A	A	—	—	—
F1 Single fuse assembly. (LINE-to-LINE 240/277 volt)	—	—	—	—	A
F2 Double fuse assembly. (LINE-to-COM 208/240 volt)	—	—	—	—	A
HOOK455 Safety hook, (.75") DN20NPT male	A	A	A	A	—
LAMP Appropriate HID lamp	A	A	A	A	A
LOOP456 Loop, (.75") DN20NPT male	A	A	A	A	—
PECHAINX-ACC Safety chain. Insert "3", "6", or "10" for "X" in catalog number.	—	—	A	—	—
PF-105-B Cast malleable iron loop assembly, (.75") male	A	A	A	A	—
PF-116-A Cast malleable iron loop, (.75") female	A	A	A	A	—
PF-121-A Cast malleable iron safety hook assembly, (.75") male	A	A	A	A	—
PF-122-A Safety hook assembly, (.75") female	A	A	A	A	—
PF-129-A Anti-rotational hook, (.75") male	A	A	A	A	—
PF-291 Universal gasketed hook, (.75") male	A	A	A	A	—
PS-50 Replacement protected starter for 150 and less watt HPS	A	—	A	—	—
PS-100 Replacement protected starter for 200 - 400 watt HPS	A	—	A	—	—
PS-1000 Replacement protected starter for "C10HP"	—	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	—

- S **Standard** - Standard product features
- ⊕ **Option** - Product options are factory installed
- A **Accessory** - Product accessory ships separately
- **Not Available**

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





HOLOPHANE[®]
LEADER IN LIGHTING SOLUTIONS

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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.



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