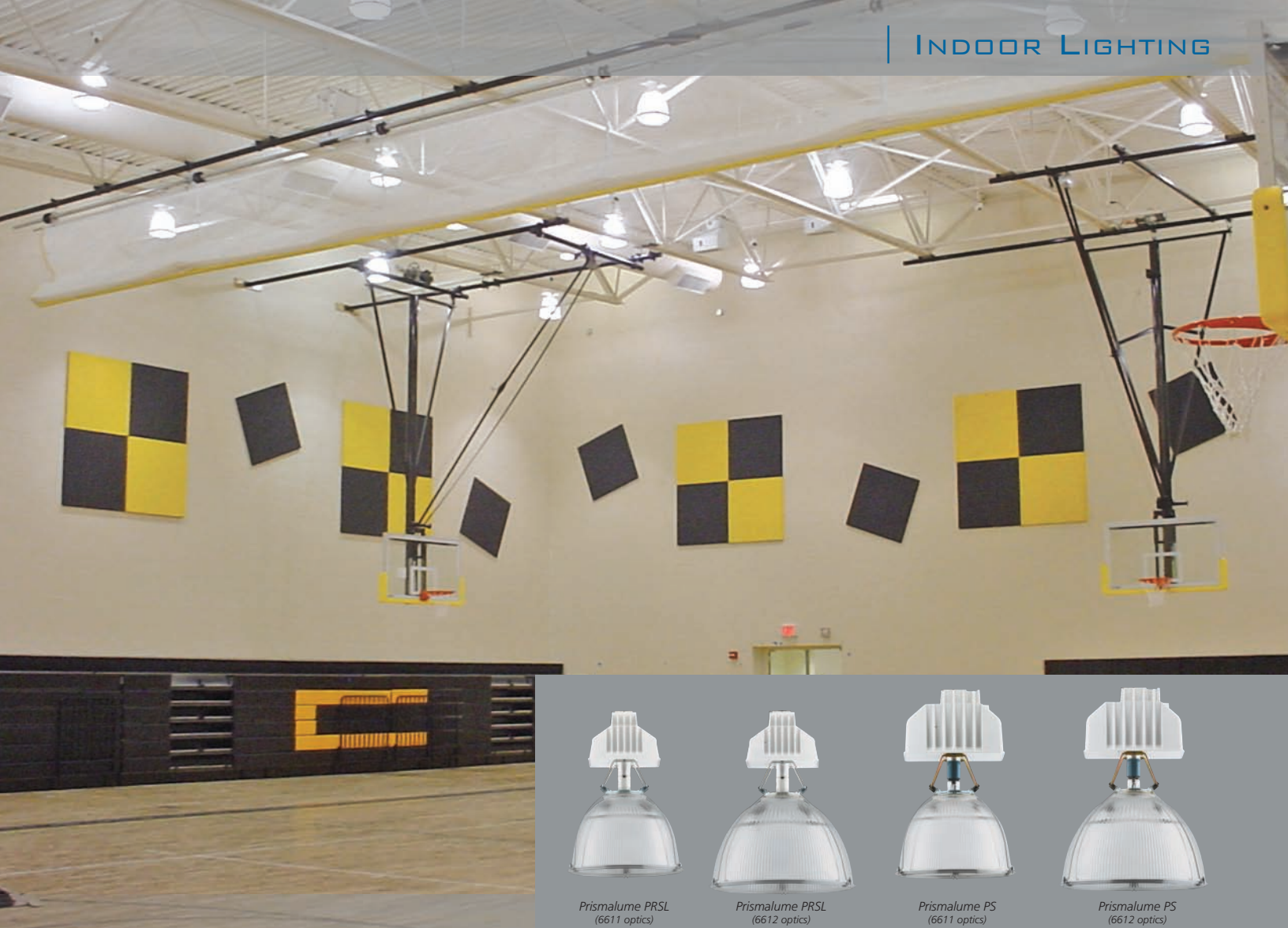




PRISMALUME®

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)



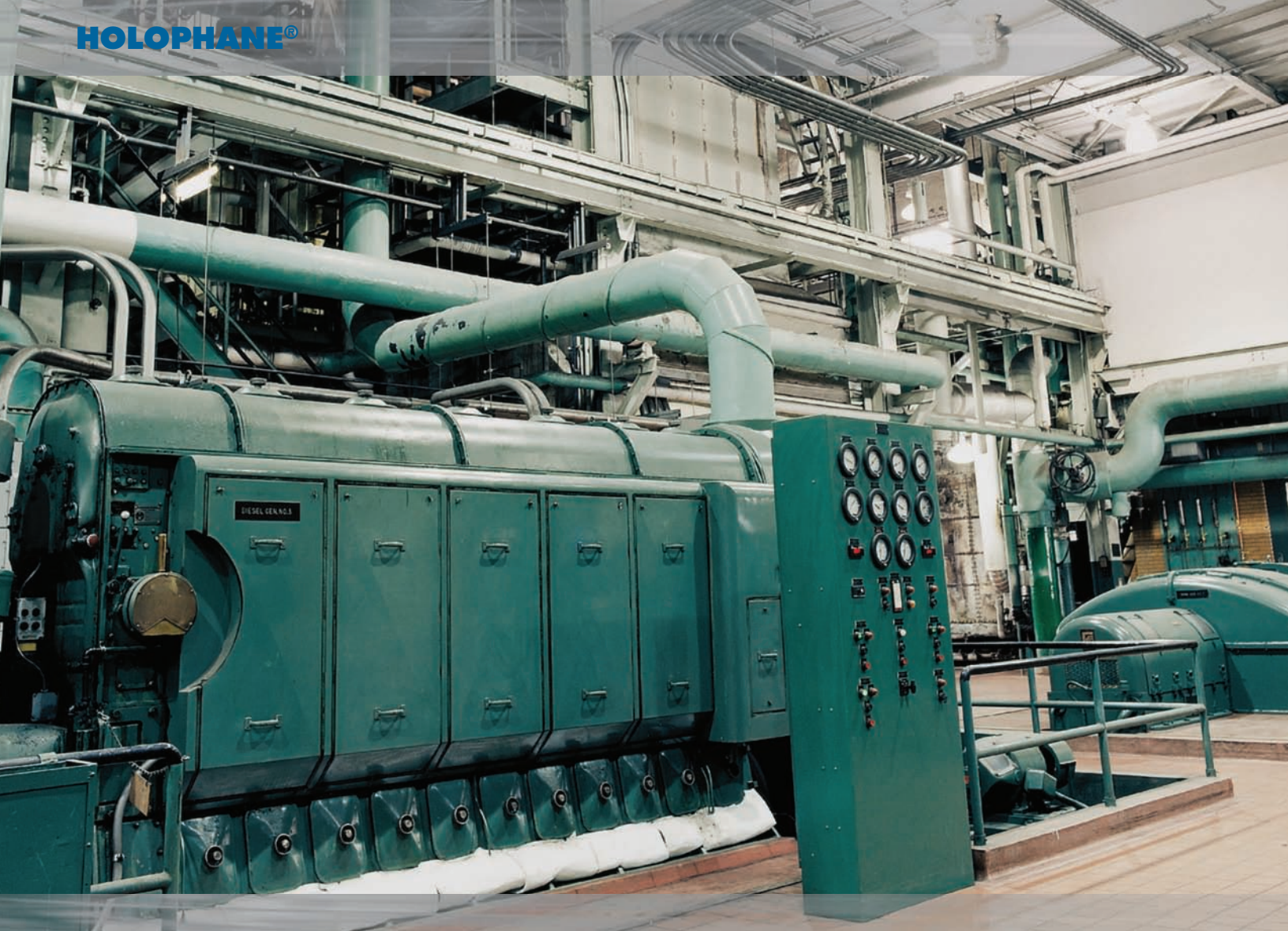
Primalume PS
(6612 optics)

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

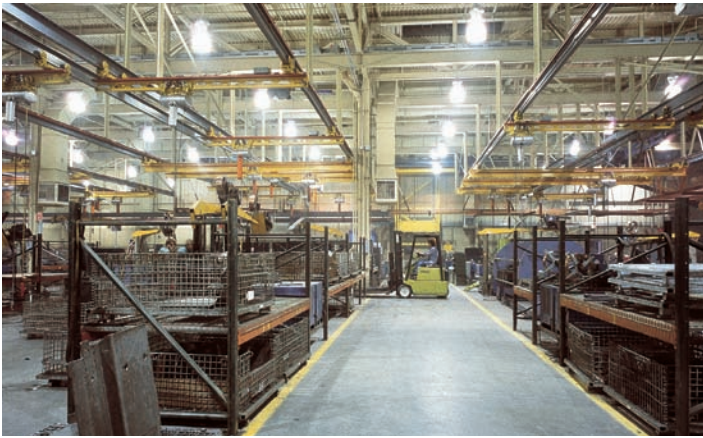
TYPICAL APPLICATIONS

- ☐ 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.

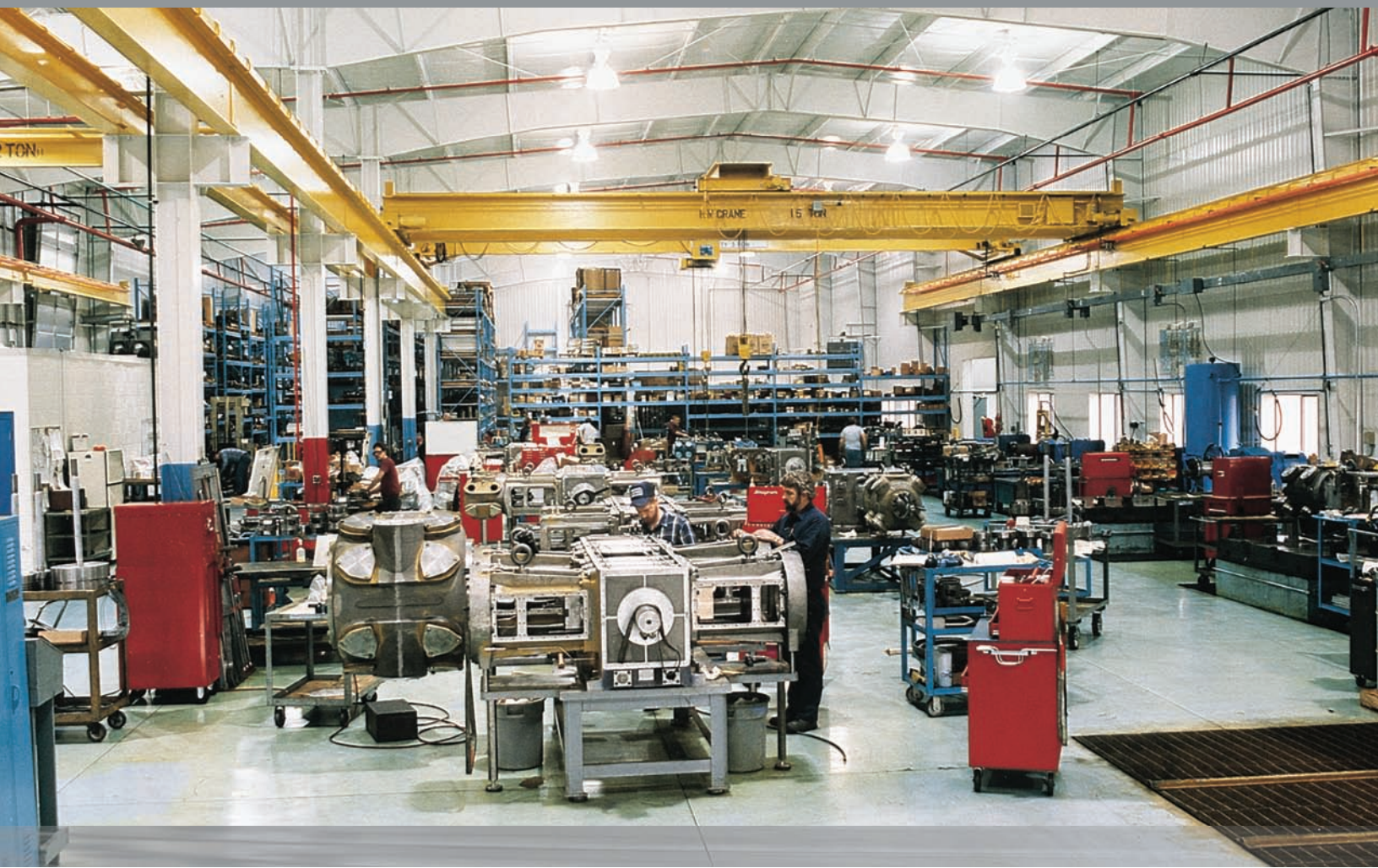
Primalume luminaires provide excellent uniform illumination to guide customers through aisleways and superior vertical illumination where goods are displayed for easy product identification. Interior store signage is brightly illuminated by the upward component of light from Primalume luminaires.

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

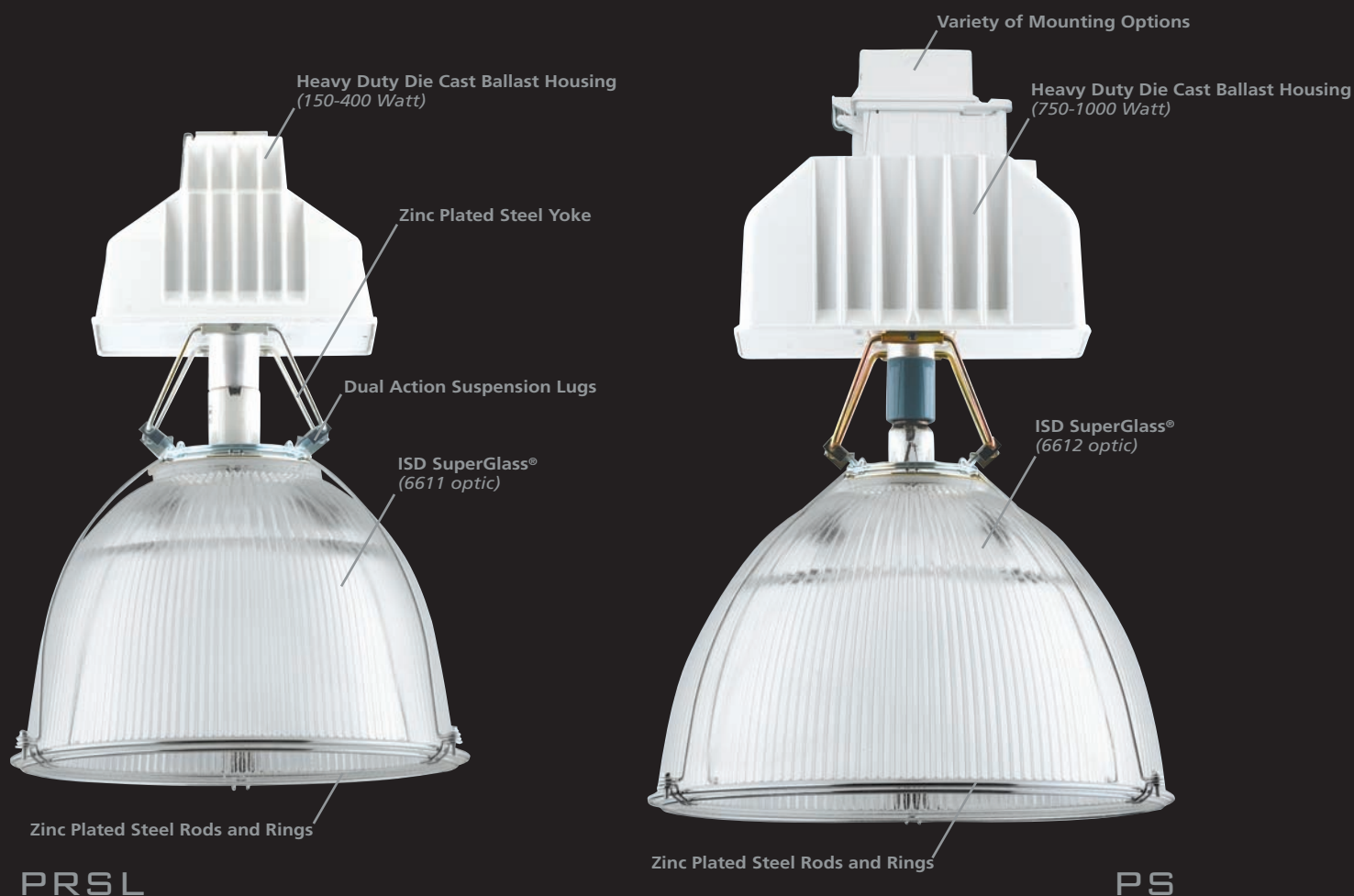


SPORTS



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.

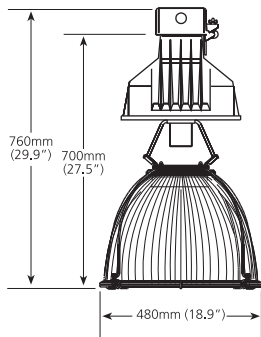


ORDERING INFORMATION

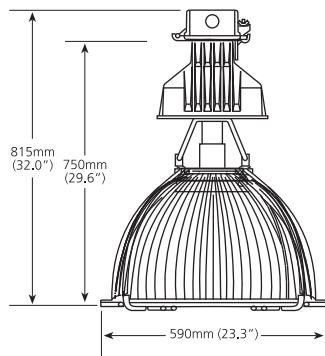
DIMENSIONAL DETAILS



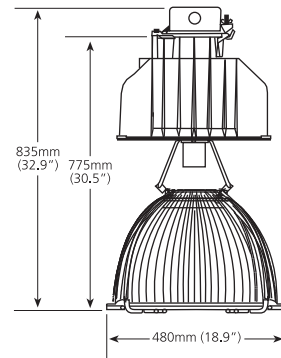
PRSL
(6611/6631 optic)
Maximum Weight: 19.37 kg (42.7 lbs.)



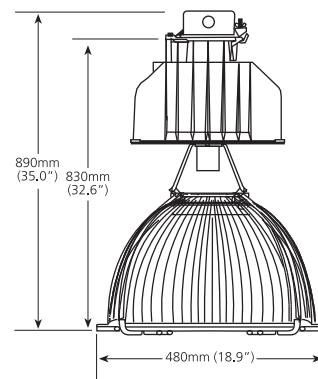
PRSL
(6612 optic)
Maximum Weight: 24.04 kg (53 lbs.)



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



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



PERFORMANCE SPECIFICATIONS

Complete luminaire shall be Holophane Primalume 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.

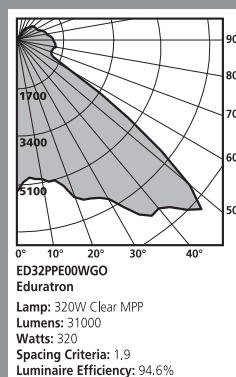
The pre-wired, porcelain enclosed lamp holder with corrosion resistant, nickel plated lamp grip screw shell, shall be factory set for optimum distribution. The zinc plated steel, reflector attachment yoke shall have swingover locking lugs and provision for full ventilation and optional safety chain.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

Optical Assembly

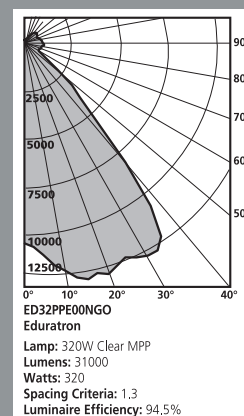
Glass reflector shall be Endural® prismatic borosilicate glass with a minimum wall thickness of 3mm (.13"). Reflector shall be supported by three 5mm (.19") min. dia. steel rods bolted to a bottom retaining ring made of concentric rings of 6mm (.22") min. dia. steel rod.

DISTRIBUTIONS

6611, Wide Optic



6612, Narrow Optic



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 (E) 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 (E) Meets US Federal EISA legislation
³ Not available with multi-voltage

STEP 3: VOLTAGE

08	208V
12	120V
20	208V
24	240V
27	277V
34	347V
40	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.)

HIGH PRESSURE SODIUM				
Spacing to Mtg. Ht. Ratio	Lamp Source and Wattage			
	150W	250W	400W	
0 - 1.2		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	

METAL HALIDE				
Spacing to Mtg. Ht. Ratio	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

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.

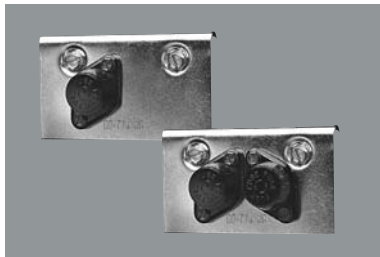
OPTIONS AND ACCESSORIES



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 cords 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	



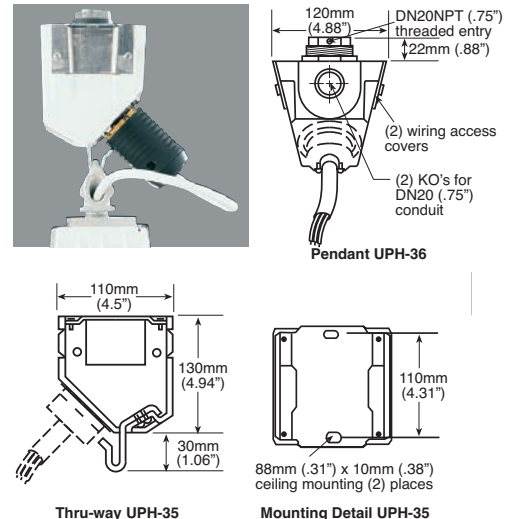
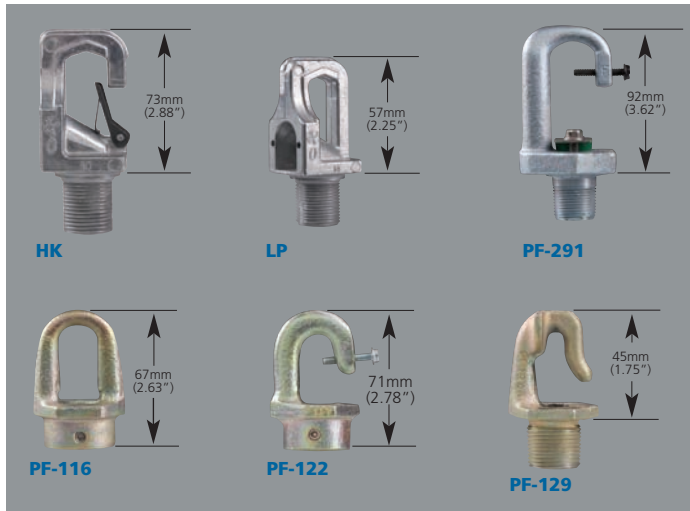
QD - Quick-Disconnect Pendant and Throughway Wiring

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.

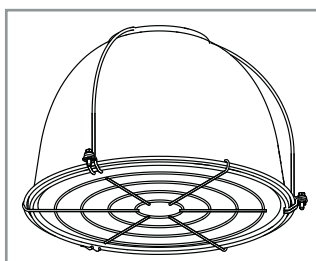
The receptacle shall be UL listed for connection to lighting branch circuits which can then be energized before the housing is attached. The grounding connection shall be the first to make contact and the last to disconnect.

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.

		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

	Prismalume		Prismalume Enclosed		
					
Luminaire	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.