



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.





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.

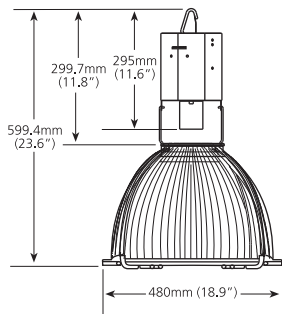
ISD SuperGlass® provides high efficiency coupled with great uniformity, resulting in the best performance in the industry. Available in wide and narrow light distributions. Open prismatic borosilicate glass reflector provides a low electrostatic charge and minimizes dirt build-up.



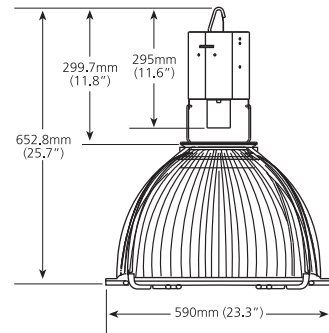
Spun On Sealed Aluminum Cover concentrates the majority of light downward and still provides the longevity and efficiency of glass.

ORDERING INFORMATION

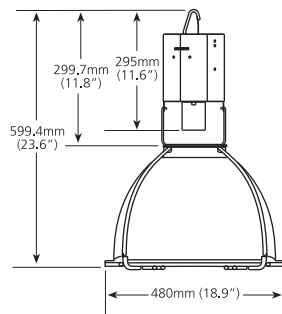
DIMENSIONAL DETAILS



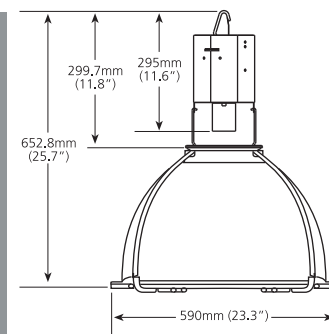
RE
(6611/6631 optic, uncovered)
Maximum Weight: 20.28 kg (44.7 lbs.)



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.

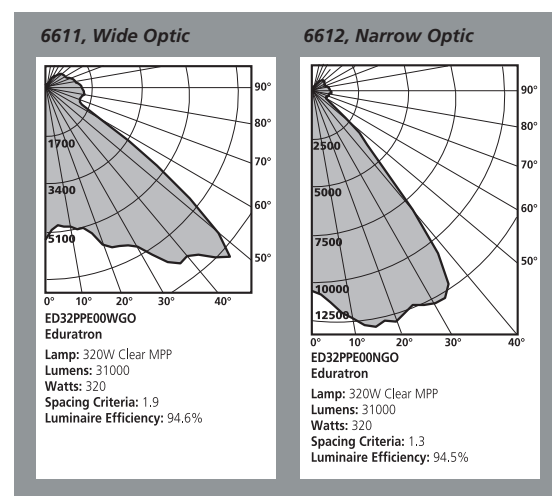
The sheet metal aluminum ballast housing shall be protected against corrosion by a pretreatment process followed by a sprayed on white polyester powder paint which meets ASTM standard practice for hardness, humidity, impact and salt spray resistance to prevent cross hatch creep, fading, cracking, and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

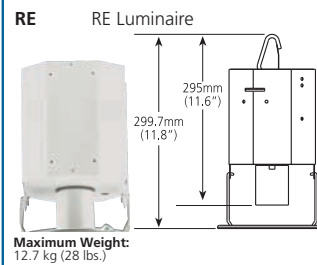
RE	250PP	12	11	H	R	W	CG	LAMP
1	2	3	4	5	6	7	8	9
LUMINAIRE	WATTAGE	VOLTAGE	OPTICS	MOUNTING	CORD LENGTH	FINISH	OPTIONS	ACCESSORIES
RE	250PP 320PP 400PP 35EPP 35LPP	12 MA MT	11 12	H	R S	W	CG	LAMP

CATALOG NUMBERS FOR ENTIRE PRODUCT OFFERING

(Pricing and lead times may be affected)



STEP 1: LUMINAIRE



STEP 2: SOURCE AND WATTAGE

METAL HALIDE

250MP¹ 250W MH, protected400MP¹ 400W MH, protected

PULSE START METAL HALIDE

250PP² 250W PMH, protected320PP² 320W PMH, protected400PP² 400W PMH, protected

Energy Saving

35EPP² 350W PMH, reactor, protected35LPP² 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, 347V¹ Not available with 400PM and 400PP

STEP 4: OPTICS

NARROW DISTRIBUTION

12 6612 glass,

2C¹ 6612 glass2R² 6612 glass

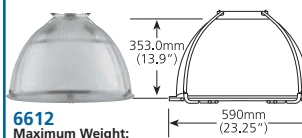
N1 6631 glass

WIDE DISTRIBUTION

11 6611 glass

1C¹ 6611 glass1R² 6611 glass

W1 6631 glass

¹ Glass with spun on aluminum solid cover² Glass with compression rod mounting

STEP 5: MOUNTING

Standard

J¹ Hook only, cord not suppliedH² Hook with cord and NEMA twist-off plug. For damp locationsM² 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 only¹ Must be used with "N" cord lengths² Wired for 277V when ordered with "MT", wired for 347V when ordered with "VT"³ Not available with "MT"⁴ Available through TSG only⁵ 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 onlyS^{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 only¹ Must be used with "N" cord lengths² Wired for 277V when ordered with "MT", wired for 347V when ordered with "VT"³ Not available with "MT"⁴ Available through TSG only⁵ 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' cordS¹ 6' cordT² 10' cord¹ Not available with S mounting² 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

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



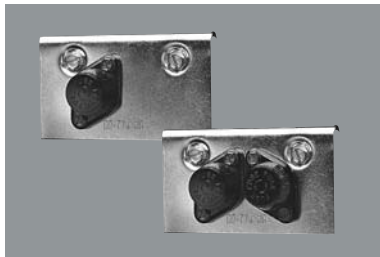
Auxiliary Lighting

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	



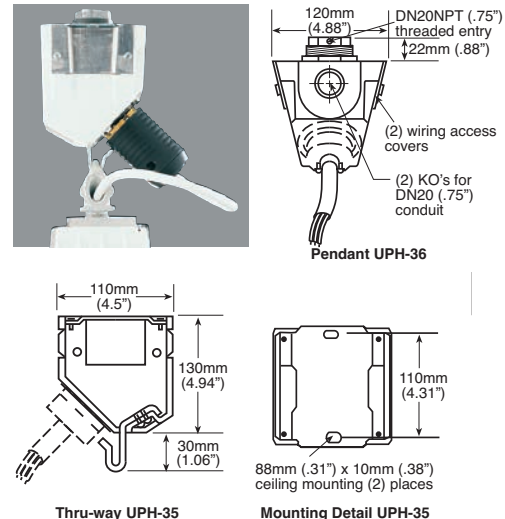
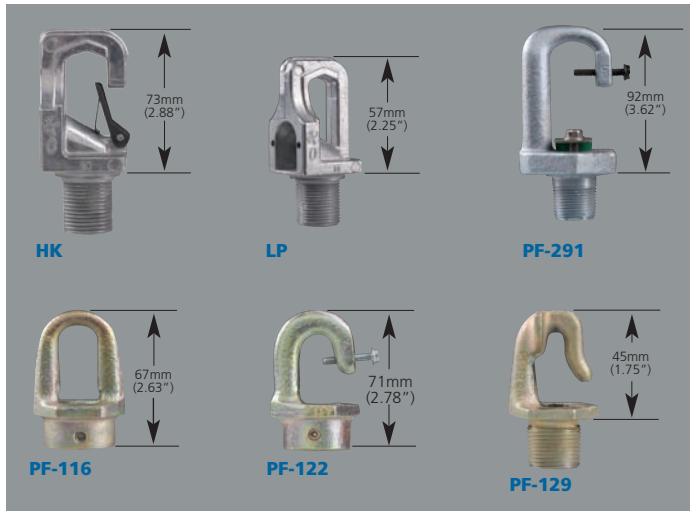
QD - Quick-Disconnect Pendant and Throughway Wiring

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.

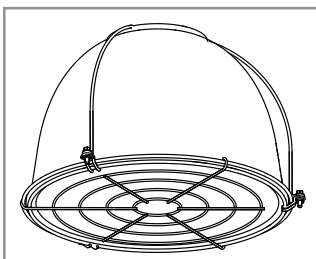
The receptacle shall be UL listed for connection to lighting branch circuits which can then be energized before the housing is attached. The grounding connection shall be the first to make contact and the last to disconnect.

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.

		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	S
Housing	Heavy duty, cast aluminum ballast housing.	S	S	S
Electrical	UL/CUL labeled for damp locations, suitable for ambient temperatures up to 40°C.	S	S	S
Mounting	A variety of mountings including pendant, quick disconnect, and thru-way wiring, as well as Holoflex with a 5' or 6' cord drop	S	S	S
Finish	Standard finish is white for ballast housing	S	S	S
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".	—	—	
C-X	Safety chain. Insert "3", "6", or "1" for "X" in catalog number.		—	—
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	—		
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".	—	—	
ELB	Extra low bightness reflector			—
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)	—		
LL	Latch lock safety clip	—	—	
LP	Loop, (.75") male (Order LP-PT for ELE)	—		

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.

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.