

PGAL Series

Product Hazardous Location LED Luminaire

Description

The PGAL Series LED Luminaire can be used in locations made hazardous by the presence of flammable vapors, gases, or combustible dusts as defined by the NEC, Atex, CNEX, and CSA. The PGAL Series is IP66 and IK10 rated. An adjustable U-Bracket and pendant mounting are standard.

Features:

- Heavy-duty and high impact resistance.
- Three connection cable entry points.
- Dimmable and non-dimmable options available.
- Emergency battery backup available.
- Tempered glass lens standard.
- Various mounting options include: pendant mount, wall mount, stanchion, hook, or surface mount.
- Standard 120-277V, Available options include: 277-480V
- Operating Temperature:
 - o 20 - 80W : -40°C - 50°C (-40°F - 122°F)
 - o 100 - 400W : -40°C - 40°C (-40°F - 104°F)
- Housing: Copper-free Aluminum
- Gasketing: Fluorosilicone Rubber
- Hardware: Stainless Steel 304
- Finish: Polyester Powdercoat
- Lens: Tempered Glass or Polycarbonate
- LED Chips: Philips
- Driver: Meanwell
- Surge Protection: 10KV
- Expected Life: Over 85,000 hrs.
- Rating: IP66 & IK10
- Color Rendering Index (CRI): 80

Applications

- Power Plants / Heavy Industrials Storage Facility
- Paper Mills / Wastewater Treatment Plants
- Loading Docks / Platforms / Shipyards
- Chemical Processing Facility
- Petrochemical Processing Facility
- Mining
- Ocean Marine
- LNG facilities
- Metal Industry



EMERGENCY BATTERY BACKUP
ONLY AVAILABLE FOR 150W-400W

Compliance

UL 844 Hazardous Locations North America

- Class I, Division 2, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III

Marking Marine

- UL 1598, UL 1598A
- ABS

Marking Atex

- II3 G Ex ec IIC T3C Gc
- II2 D Ex op is tb IIIC T160°C Db
- EX IIC EX mb eb IIC T3C Gb
- II2 EX op is tb IIC T3C Db

Other Markings / Standards

- IP66

Marking IECX

- Ex ec IIB T3C Gc
- Ex op is tb IIIC T160°C Db
- EX mb eb IIC T3C Gb
- EX op is tb IIC T3C Db

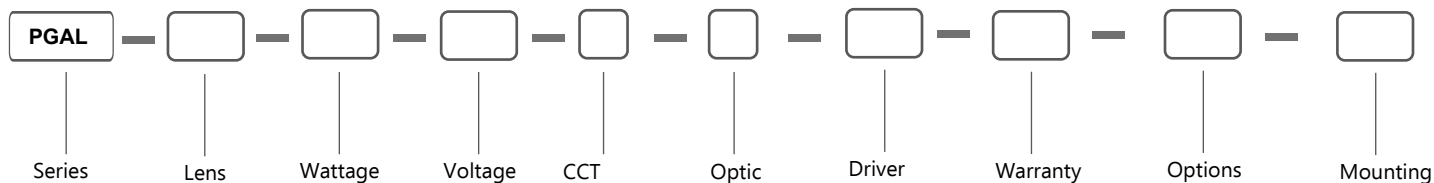


5 Year and 10 Year Warranties Available



BAA and TAA available. Contact factory for more information and pricing.

Ordering Information



SERIES	LENS	WATTAGE	VOLTAGE	COLOR TEMP	OPTIC	DRIVER
PGAL	G = Glass Lens P = Polycarbonate Lens	2 = 20W 4 = 40W 6* = 60W* 6L* = 60W* 8 = 80W 10 = 100W 12 = 120W 15 = 150W 20 = 200W 25 = 250W 30 = 300W 40 = 400W	A = AC100-277V B = AC200-480V	S = 3000K I = 4000K C = 5000K K = 6000K	M = 40° N = 60° O = 90° P = 120°	D = 0-10V Dimming ND = No Dimming

**EMERGENCY BATTERY BACKUP
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 150W-400W**

*6 (60W) = 10.2x6.3x8.1in
 *6L (60W) = 12.5x9.45x6.5in

WARRANTY

5Y= Five Year Warranty
 10Y**= Ten Year Warranty**
 **Please contact factory for 10yr warranty option

OPTION

EM = Emergency Battery Backup
 S = Sensor
 BAA*** = Buy American Act Compliant***
 TAA*** = Trade Agreements Act Compliant***
 ***Please contact factory for BAA and TAA options.

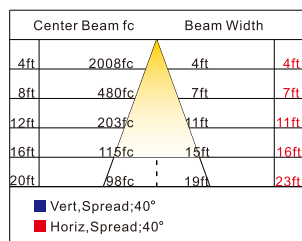
MOUNTING AND ACCESSORIES

OPEB = Junction Box
 OPCM = Ceiling / Surface Mounting & Junction Box: 3/4" NPT
 OPWA = 90° Wall Mount
 OPWA25 = 25° Wall Mount & Junction Box: 3/4" NPT
 OPWA90 = 90° Wall Mount & Junction Box: 3/4" NPT
 OPPS25 = 25° Pole Mount: 1-1/2" NPT
 OPPS90 = 90° Pole Mount: 1-1/2" NPT

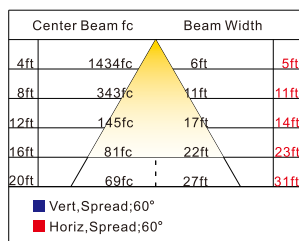
Photometrics

Hazardous Location LED Luminaire

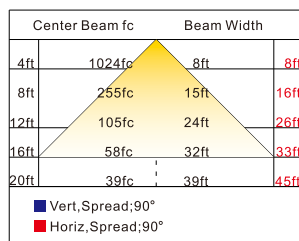
200W/40D



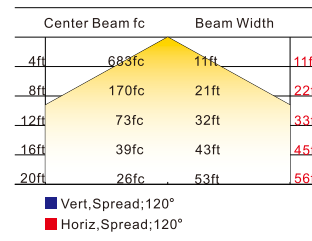
200W/60D



200W/90D



200W/120D

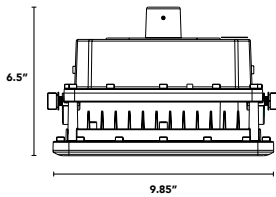


Lumen Chart

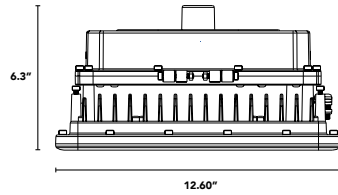
	5000K		5000K
20W	2,700 lm	250W	35,000 lm
40W	5,400 lm	300W	42,000 lm
60W	8,100 lm	400W	56,000 lm
80W	10,800 lm		
100W	13,500 lm		
150W	20,250 lm		
200W	28,000 lm		

Product Dimensions

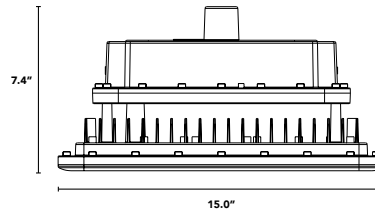
20W - 40W - 60W



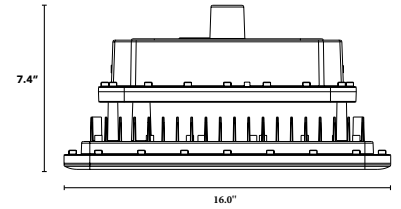
80W - 100W



150W - 200W



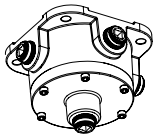
250W - 400W



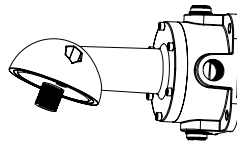
Mounting Accessories

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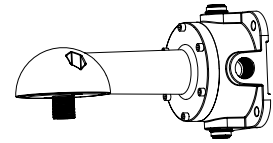
OPEB: Junction Box



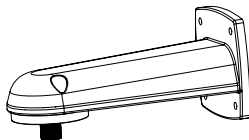
OPWA25: 25° Wall Mount & Junction Box



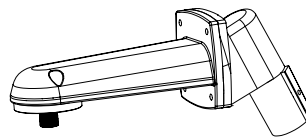
OPWA90: 90° Wall Mount & Junction Box



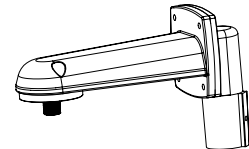
OPWA: 90° Wall Mount



OPPS25: 25° Pole Mount



OPPS90: 90° Pole Mount



YSP: Slip Fitter to Yoke Adapter

