PHOENIX®
DURABILITY X DESIGN™

Guard Pro™ HI Series
Hazardous Rated LED High Bay/Area Light

UL844 hazardous rated round high bay designed for various Class I, Division 2 environments

Versatile fixture with various light output, mounting, lens, optic, and color temperature options making it suitable for many applications

Capable of retrofitting to various Eaton Crouse Hinds and Appleton MercMaster III fixtures

Key Applications

Heavy industrials storage facilities
Paper mills
Wastewater treatment plants
Loading dock platforms
Offshore drilling environments
Chemical processing and storage facilities
Power plants
Petrochemical processing and storage facilities
Coal mines

Compliances

UL/cUL Listed to:
- UL 1598 Suitable for Wet Locations
- UL 1598A Marine Outside Type (Saltwater)
- UL 844 Hazardous Locations
  - Class 1, Division 2 Groups A, B, C, D
  - Class II, Division 1 Groups E, F, G
  - Class II, Division 2 Groups F, G
  - Class III
IP66
ABS (pending)

Specifications

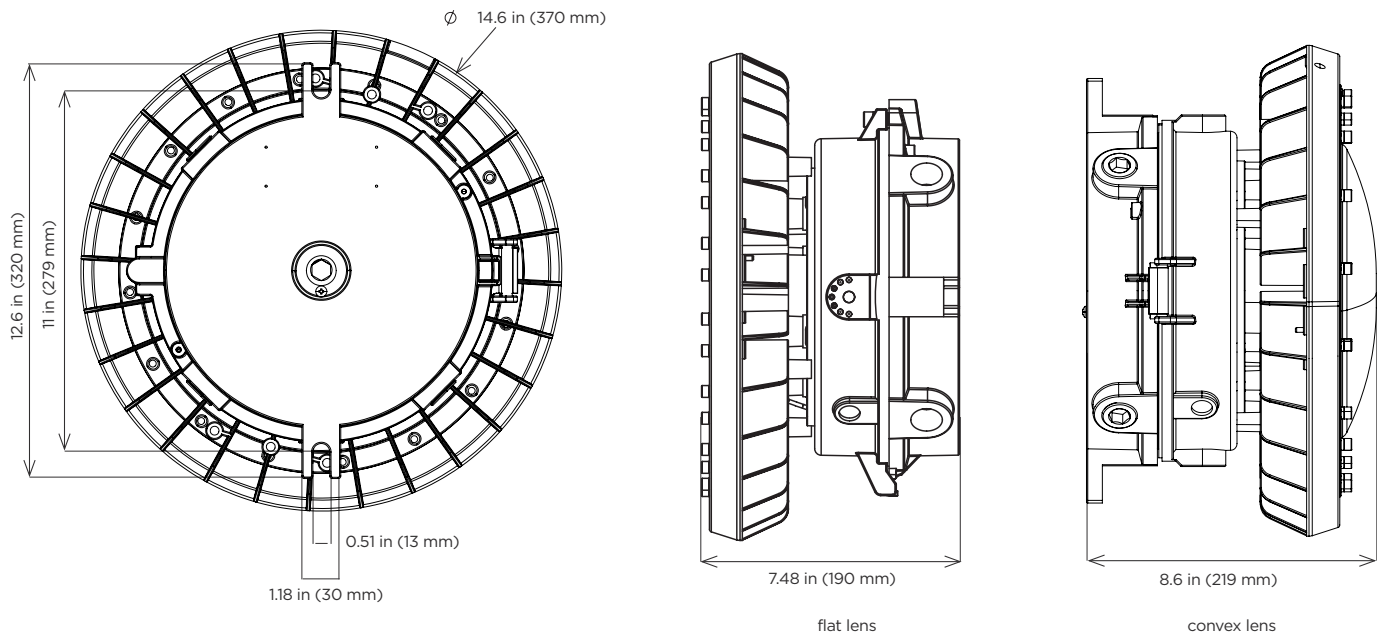|	
Construction	Die cast aluminum
Finish	Powder coat, matte finish
Hardware	Marine grade (316) stainless steel external hardware
Light source	13,000 lumens - 100W 19,500 lumens - 150W 26,000 lumens - 200W CRI > 70 CCT 3000K, 4000K, 5000K 60° or 120° optic options 50,000 hour rated life
Lens	Flat glass - clear or diffuse Convex glass - clear or diffuse
Wiring	3/4 NPT
Power source	100-277V, 50-60Hz; 277-480V, 50-60Hz 0-10V dimming capability
Surge protection	6kV surge protection (driver)
Ambient operating temperature	GPH-100: -40°C to + 55°C (T5) GPH-150: -40°C to + 40°C (T4A) GPH-200: -40°C to + 40°C (T4)
Mounting	Surface mount (standard) Optional harp mount, stanchion mount, and wall mount capability Compatible with Crouse-Hinds™ series HID mounting base Optional retrofit adapter - Appleton MercMaster III (RFA-GPH-A)
Estimated weight	19.40 lb (8.80 kg)
Warranty	5 years

For IES files, see website or contact factory

Guard Pro™ HI Series

Hazardous Rated LED High Bay/Area Light

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Dimensions

Surface Mount (standard)

Ø 14.6 in (370 mm)

12.6 in (320 mm)
11 in (279 mm)

0.51 in (13 mm)

1.18 in (30 mm)

7.48 in (190 mm)

flat lens

8.6 in (219 mm)

convex lens

Ordering Information

Example: GPH-100-FGC-60-120-277-30K

Fixture	Wattage	Lens	Optics	Voltage	CCT	Mounting[2]
GPH	100	FGC	60[1]	120-277	30K	B
	150	FGD	120	277-480	40K	C
	200	CGC			50K	D
		CGD				

Wattage

100 Up to 13,000 lumens, 100W

150 Up to 19,500 lumens, 150W

200 Up to 26,000 lumens, 200W

Lens

FGC Flat glass, clear lens

FGD Flat glass, diffuse lens

CGC Convex glass, clear lens

CGD Convex glass, diffuse lens

Optics

60[1] 60° optic

120 120° optic

Voltage

120-277 120-277V, 50-60Hz

277-480 277-480V, 50-60Hz

CCT

30K 3000K

40K 4000K

50K 5000K

Mounting[2]

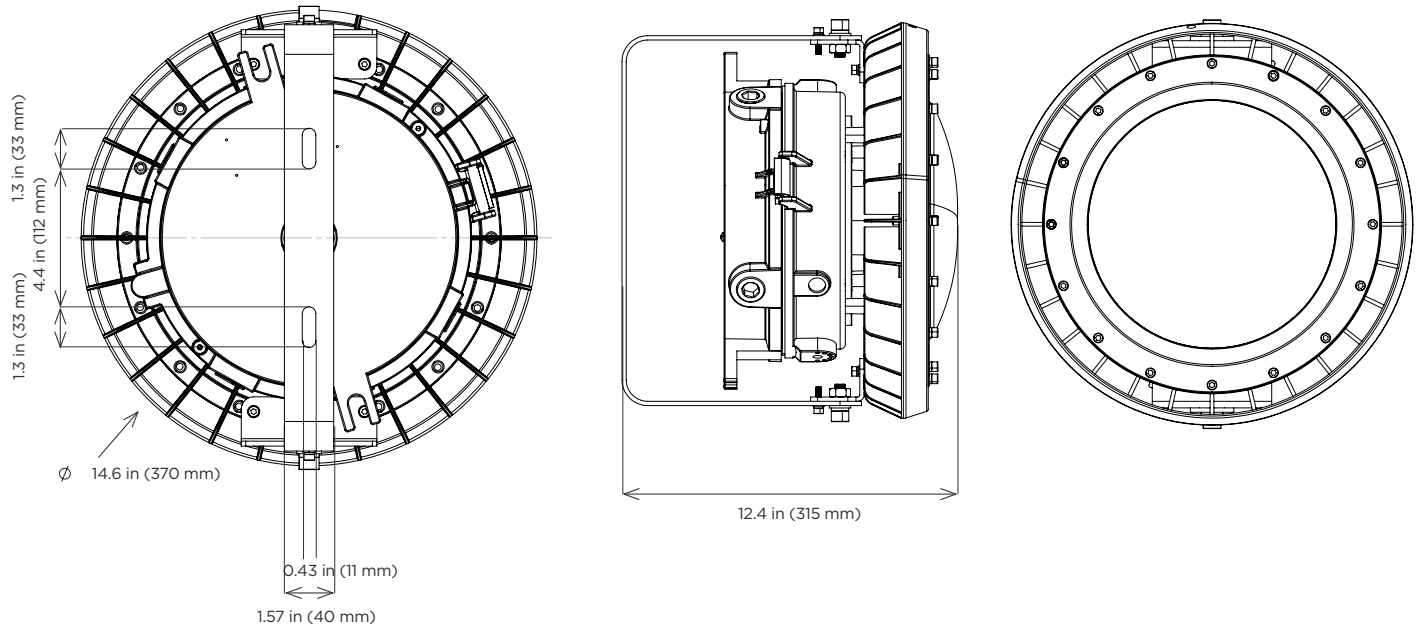B Mounting harp

C Wall mount

D Stanchion mount

Notes

1 Only available with clear lens options.

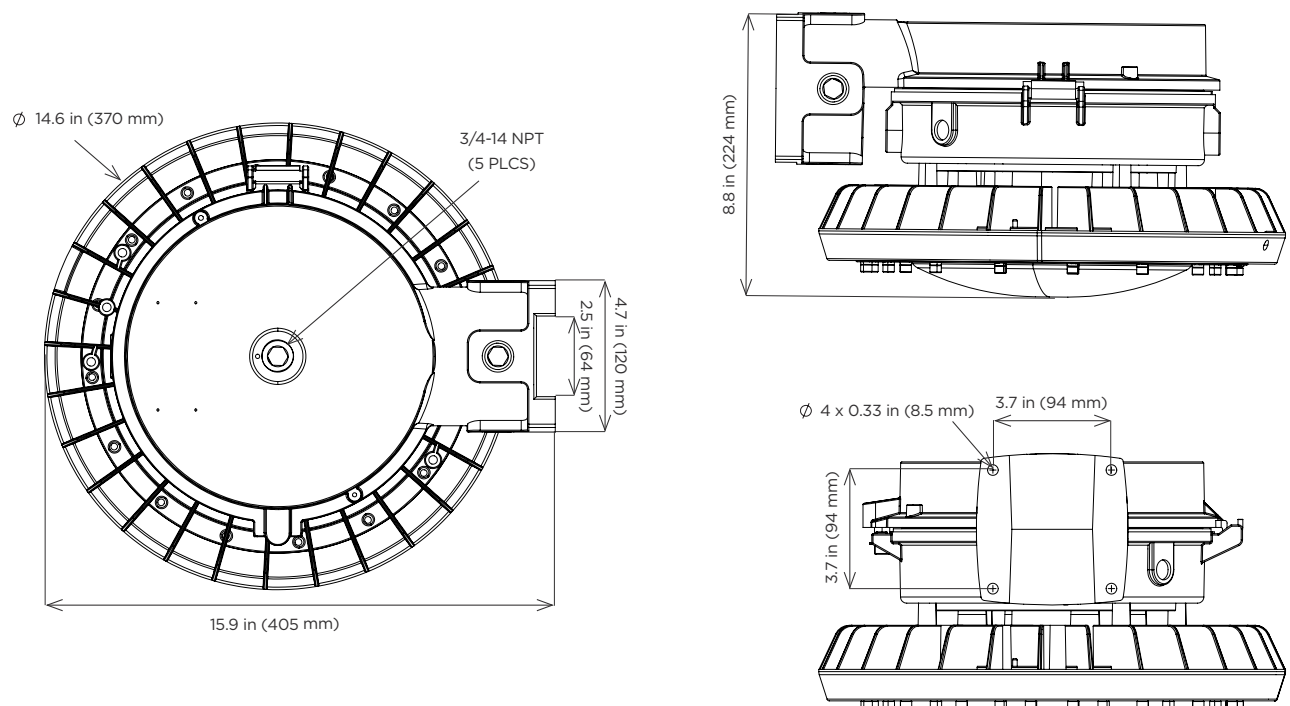2 Comes standard with surface mount (leave blank).

Special Projects: We may be able to accommodate your special projects, so please don't hesitate to ask about additional options. Minimum order quantities and/or extended lead times will apply. Contact your Phoenix representative with specific inquiries.
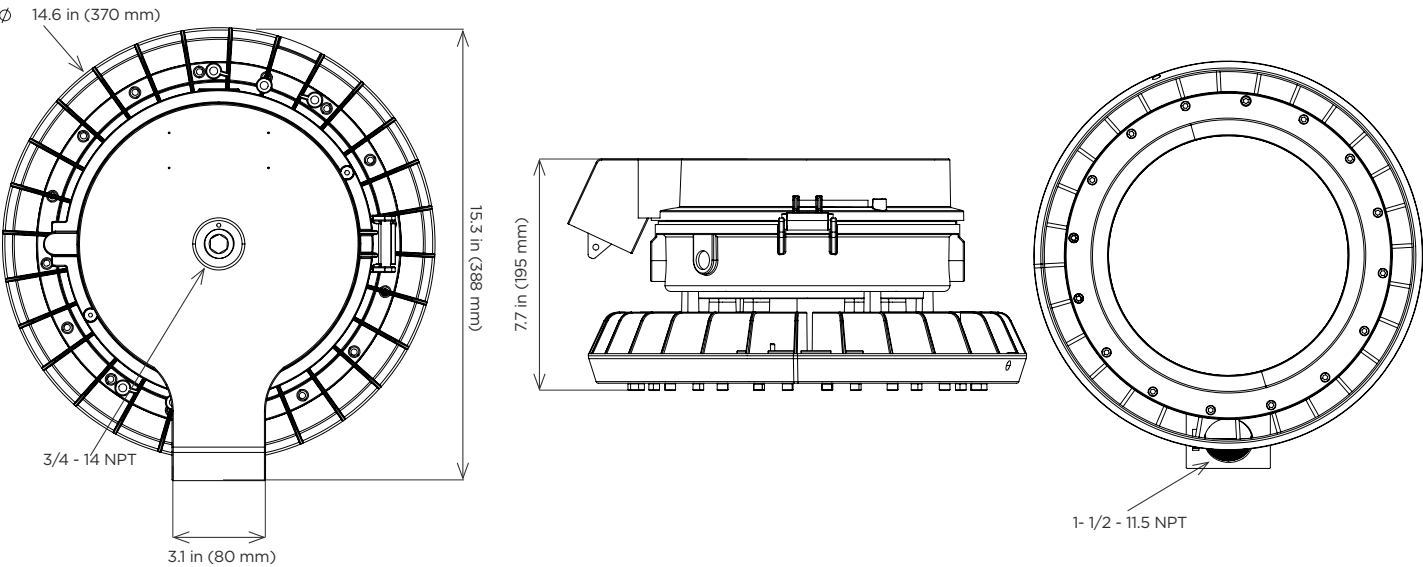
Mounting Options

Mounting Harp (B)

1.3 in (33 mm)
4.4 in (112 mm)
1.3 in (33 mm)
1.3 in (33 mm)

Ø 14.6 in (370 mm)

12.4 in (315 mm)

0.43 in (11 mm)
1.57 in (40 mm)

Wall mount (C)

Ø 14.6 in (370 mm)

3/4-14 NPT (5 PLCS)

8.8 in (224 mm)

4.7 in (120 mm)
2.5 in (64 mm)

15.9 in (405 mm)

Ø 4 x 0.33 in (8.5 mm)
3.7 in (94 mm)
3.7 in (94 mm)

Mounting Options Continued

Stanchion mount (D)

∅ 14.6 in (370 mm)

15.3 in (388 mm)

7.7 in (195 mm)

3/4 - 14 NPT
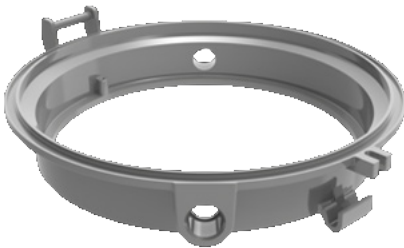
3.1 in (80 mm)

1- 1/2 - 11.5 NPT

Retrofit Accessories

Phoenix Guard Pro directly retrofits to Eaton Crouse Hinds (no additional parts needed)

Pendant	Ceiling	Wall	Stanchion	Quad Mount
APM2	CM2	TWM2	M5	QM25
AMP3	CM3	TWM3	PM5	
HM2				

Phoenix Guard Pro Retrofit Adapter for Appleton Mercmaster III (RFA-GP-A)

Pendant	Ceiling	Wall	Stanchion
KPA - 75, 100	KPC - 75	KPWB - 75	KPS - 125
KPAF - 75, 100	KPC - 100	KPWB -100	KPS -150
KPCH - 75, 100			KPST - 125
			KPST - 160

Retrofit Adapter - Appleton MercMaster III
(RFA-GP-A)

Accessories

Wire Guard
(WG-GPH)