PHOENIX®

DURABILITY X DESIGN™

Guard Pro™ HI

Industrial LED Low Bay/Area Light

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
Power generation
Processing facilities
Factories/manufacturing facilities
Warehouses
Distribution centers

Compliances

UL/cUL Listed to:
- UL 1598 Suitable for Wet Locations
- UL 1598A Marine Outside Type (Saltwater)

IP66
ABS

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°, 120° or Type II 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)
EMB	Emergency battery backup 90 minute duration, 1000 lumens
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, wall mount, and retrofit adapter (Appleton Mercmaster III) capability Standard fixture is compatible with Crouse-Hinds™ series HID mounting base
Estimated weight	19.40 lb (8.80 kg)
Warranty	5 years

For IES files, see website or contact factory

Guard Pro™ HI

Industrial LED Low Bay/Area Light

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
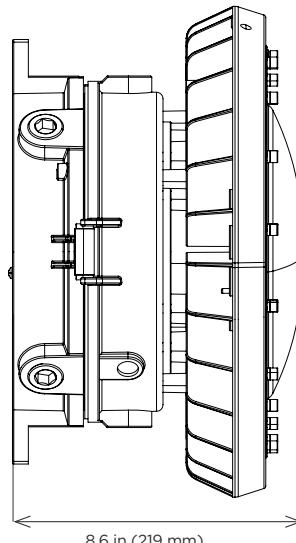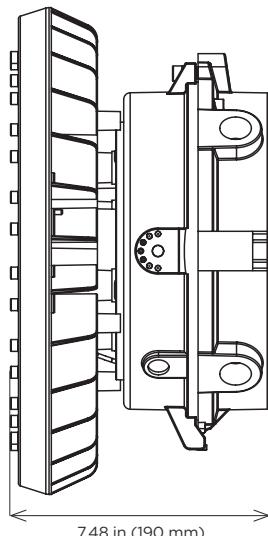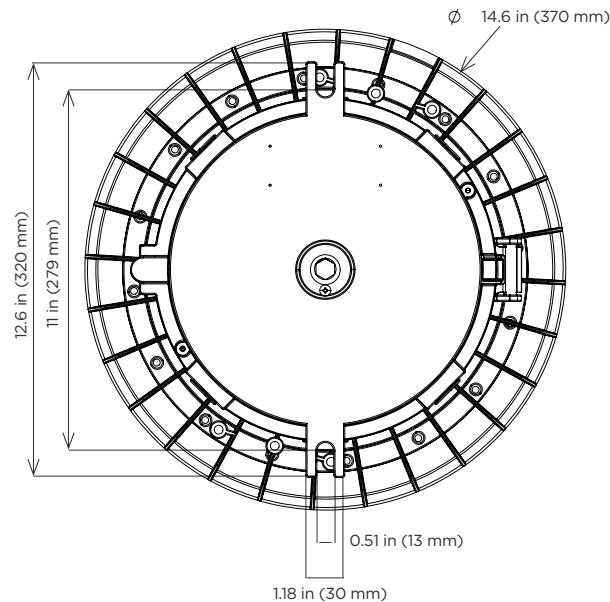
Ordering Information

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

Fixture	Wattage	Lens	Optics	Voltage	CCT	Mounting[2]	Option
GPH	100	FGC	60[1]	120-277	30K	B	EMB
	150	FGD	120	277-480	40K	C	
	200	CGC	T2		50K	D	
		CGD				R[3]	

| Wattage		Lens		Optics		Voltage		CCT		Mounting[2]		Option	
100	Up to 13,000 lumens, 100W	FGC	Flat glass, clear lens	60[1]	60° optic	120-277	120-277V, 50-60Hz	30K	3000K	B	Mounting harp	EMB	90 minute emergency battery backup
150	Up to 19,500 lumens, 150W	FGD	Flat glass, diffuse lens	120	120° optic	277-480	277-480V, 50-60Hz	40K	4000K	C	Wall mount		
200	Up to 26,000 lumens, 200W	CGC	Convex glass, clear lens	T2	Type II optic			50K	5000K	D	Stanchion mount		
		CGD	Convex glass, diffuse lens							R[3]	Retrofit adapter		

Notes

1   Only available with clear lens options.
2   Comes standard with surface mount (leave blank).
3   Fixture provided with Appleton MercMaster III retrofit adapter.

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

Ø 14.6 in (370 mm)

0.43 in (11 mm)

1.57 in (40 mm)

12.4 in (315 mm)

Wall mount (C)

Ø 14.6 in (370 mm)

3/4-14 NPT
(5 PLCS)

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

15.9 in (405 mm)

8.8 in (224 mm)

Ø 4 x 0.33 in (8.5 mm)
3.7 in (94 mm)

3.7 in (94 mm)
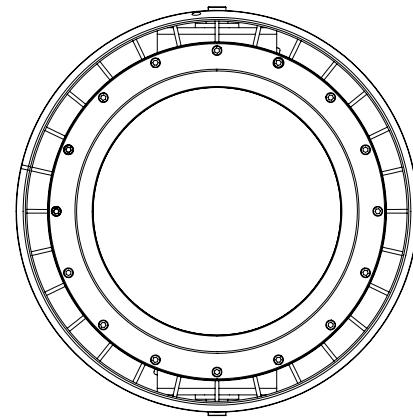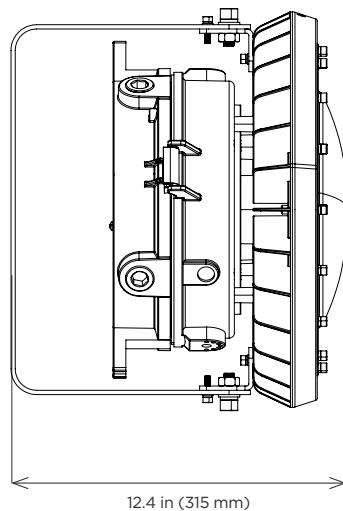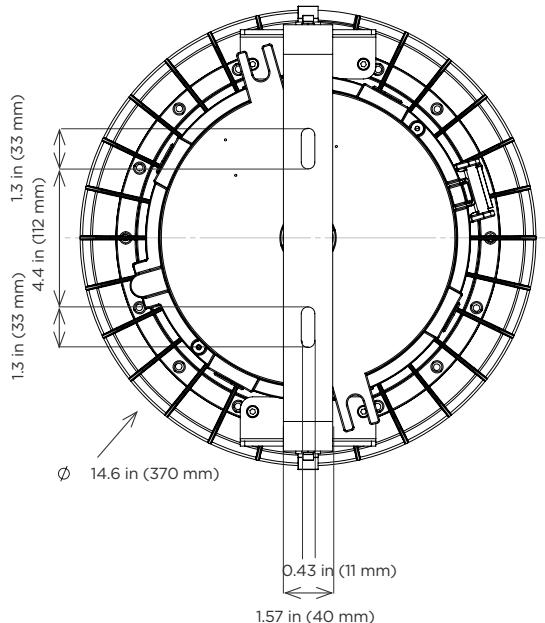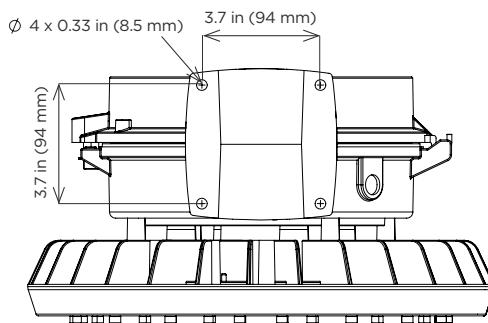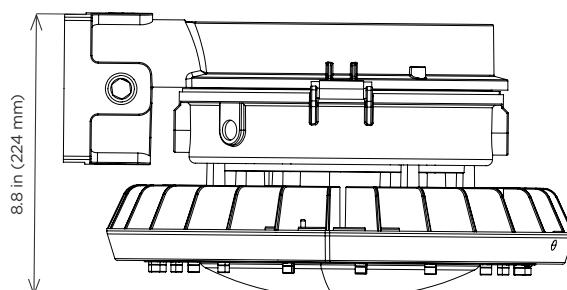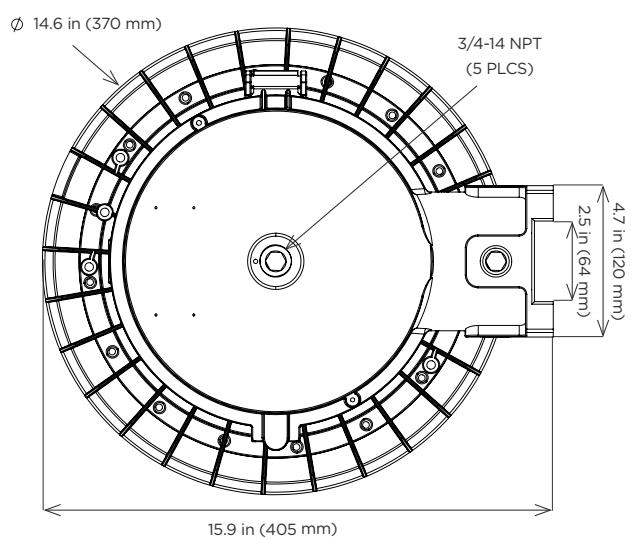
Mounting Options Continued

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 adapter (R)

12.1 in (306 mm)

2 in (50 mm)

7.5 in (190 mm)

7.2 in (184 mm)
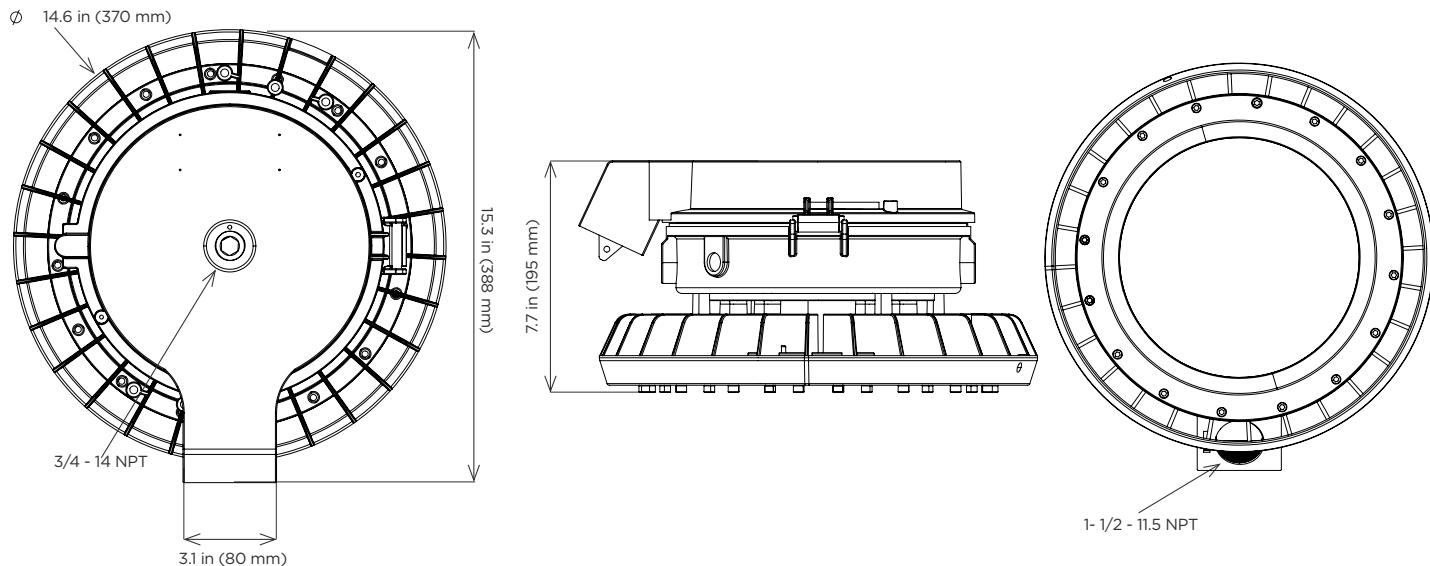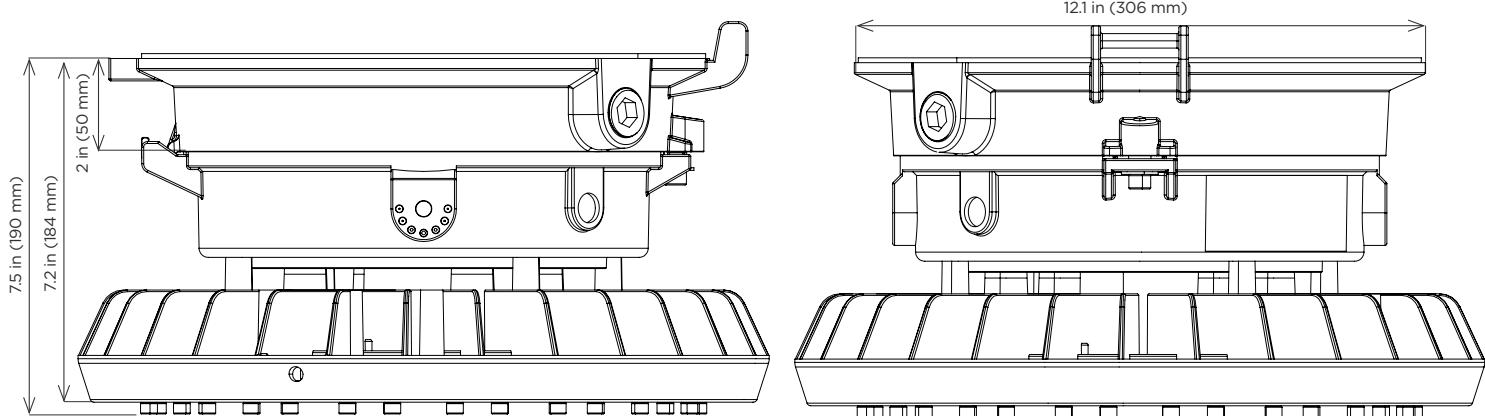
Phoenix Guard Pro Retrofit Adapter for Appleton Mercmaster III

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

Retrofit Capability (standard fixture)

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

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

Accessories

Wire Guard
(WG-GPH)