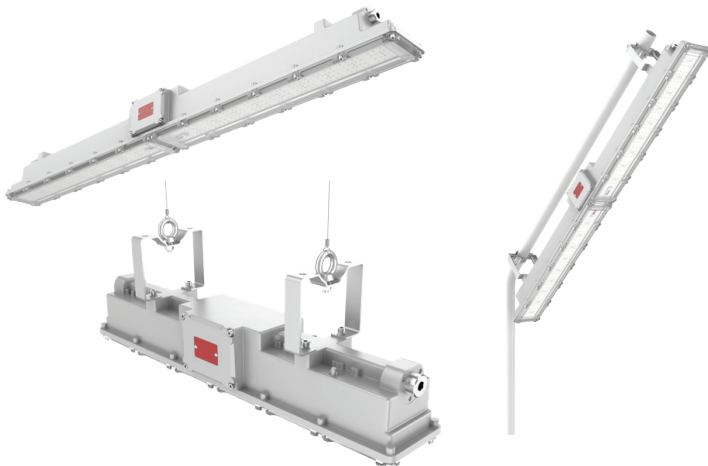


Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

ETHEREUM LINEAR LUMINAIRE FIXTURE



The Ethereum Linear Luminaire Fixture is hazardous location fixture ideal for chemical facilities, oil & gas refineries, pulp and paper, wastewater, and paint spray booths. This hazloc luminaire is waterproof, dustproof, anti-corrosion, and anti-vibration. Wattages range from 20W-100W, with efficiency up to 160 lm/W. Class and Division ratings include CID2, CIID2, and CIII. The fixture has IP66 rating, IK08 impact rating, optional emergency battery backup, six mounting options, and a 10-year non-prorated warranty.

FEATURES

- Marking UL844 Hazardous Locations: CID2, CIID2, and CIII
- 20W-100W models
- Up to 16,000 lumens and up to 160 lm/W
- IP66 rating
- IK08 impact rating
- Ceiling / Pendant / Loop / Hoop / Recessed / Trunnion mounting options
- Marine rated fiberglass reinforced polycarbonate housing, & clear or diffused polycarbonate external lens, gray non-spray surface
- 1-10V dimmable, emergency battery backup
- 10-year non-prorated warranty

APPLICATIONS

- Chemical facilities
- Oil & gas refineries
- Pulp and paper
- Wastewater
- Paint spray booths
- Power generation



ORDERING INFORMATION

MODEL NUMBER	POWER	LUMENS	VOLTAGE	CRI	CCT	MIN. ORDER QTY	US STOCK
ECO-CGA-HA06-20W-ETH	20W	3,200	100-277VAC only	70+/80+/90+	2000K-6500K 5000K standard Red, Green, Blue, Amber	2	Yes
ECO-CGA-HA06-30W-ETH	30W	4,800	100-277VAC or 277-480VAC	70+/80+/90+	2000K-6500K 5000K standard Red, Green, Blue, Amber	2	Yes
ECO-CGA-HA06-40W-ETH	40W	6,400	100-277VAC or 277-480VAC	70+/80+/90+	2000K-6500K 5000K standard Red, Green, Blue, Amber	2	Yes
ECO-CGA-HA06-50W-ETH	50W	8,000	100-277VAC or 277-480VAC	70+/80+/90+	2000K-6500K 5000K standard Red, Green, Blue, Amber	2	Yes
ECO-CGA-HA06-60W-ETH	60W	9,600	100-277VAC or 277-480VAC	70+/80+/90+	2000K-6500K 5000K standard Red, Green, Blue, Amber	2	Yes
ECO-CGA-HA06-70W-ETH	70W	11,200	100-277VAC or 277-480VAC	70+/80+/90+	2000K-6500K 5000K standard Red, Green, Blue, Amber	2	Yes
ECO-CGA-HA06-80W-ETH	80W	12,800	100-277VAC or 277-480VAC	70+/80+/90+	2000K-6500K 5000K standard Red, Green, Blue, Amber	2	Yes
ECO-CGA-HA06-100W-ETH	100W	16,000	100-277VAC or 277-480VAC	70+/80+/90+	2000K-6500K 5000K standard Red, Green, Blue, Amber	2	Yes

TECHNICAL SPECIFICATIONS

Optical Distributions	T00C05/ T00C06/ F01601/ F01602/ F01603/ F01604/ F01605 / F01606/ F01608/ F01609/ F01610/ F01611/ F01612/ F01613
CRI	70+ / 80+ / 90+
CCT	2000K-6500K, 5000K standard, Red, Green, Blue, Amber
Efficacy	Up to 160 Lm/W (5000K, 70+CRI)
Input Voltage	100-277VAC or 277-480VAC (high voltage not available for 20W model)
Power Frequency	50-60 Hz
Power Factor	>0.90
Control Options	1-10V dimmable, emergency battery backup
Surge Protection	20W-50W: 4kV line-line, 6kV line-earth 60W-100W: 6kV line-line, 10kV line-earth
Certifications	UL844 Hazardous Locations: –Class I, Division 2, Groups A, B, C, D –Class II, Division 2, Groups F, G –Class III Wet location & marine location rated
IP Rating	IP66
Impact Rating	IK08
Lifetime	L90: 77,000 hours L80: 175,000 hours L70: 282,000 hours

Housing Material	Fiberglass reinforced polycarbonate housing, clear or diffused polycarbonate external lens.
Warranty	10 Years or 50,000 hours non-prorated
Net Weight	Ceiling Mount: 7.4 lbs Trunnion Mount: 7.7 lbs Pendant Mount: 7.26 lbs Loop Mount: 7.48 lbs Hoop Mount: 7.7 lbs Recessed Mount: 7.48 lbs
Finish	Gray non-spray surface
Mounting	Ceiling, Trunnion, Pendant, Loop, Hoop, and Recessed mounting options
Cable Entries	Pendant Mount: 3/4" NPT, 1" NPT, M25*1.5, M32X1.5 Ceiling Mount/Trunion Mount/Hoop Mount/Loop Mount/Recessed Mount: M25X1.5, M20X1.5, 3/4" NPT, 1/2" NPT
Operating Temperature	See Tables 1 & 2 on page 3

*Data is based upon tests performed in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.

*IES files provided on request.

ETHEREUM LINEAR LUMINAIRE FIXTURE

CONTROL OPTIONS

Control Options: 1-10V dimming, DALI dimming, non-dimming.

Optional emergency battery backup:

- 9W
- 100-277VAC only
- Battery capacity: 6.4V 3200mAh
- 90+ minutes emergency operation
- Operating temperature: see Table 2 below.

OPERATING TEMPERATURE

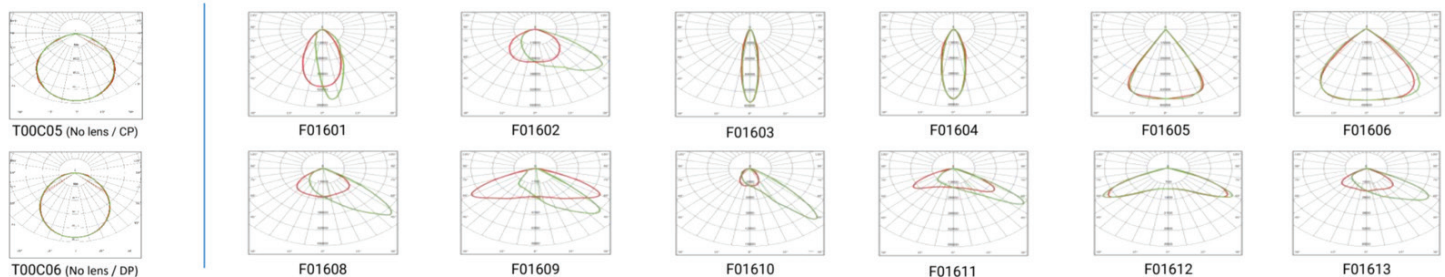
Rated Power	Tamb	T-Code	
		CL.I	CL.II & CL.II
20W/30W/40W	-40°C to +55°C	T5	T5
50W	-40°C to +45°C	T5	T5
60W/70W/80W	-40°C to +55°C	T5	T5
100W	-40°C to +40°C	T5	T5

Table 1 (Non-emergency)

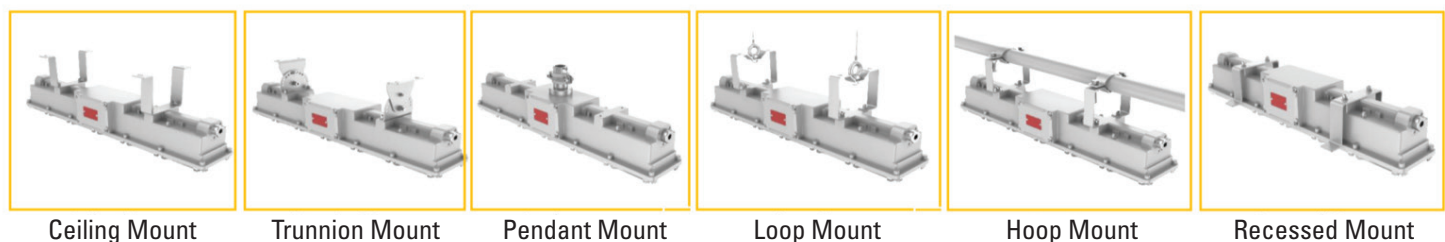
Rated Power	Tamb	T-Code	
		CL.I	CL.II & CL.II
20W/30W/40W	0°C to +55°C	T5	T5
50W	0°C to +45°C	T5	T5
60W/70W/80W	0°C to +55°C	T5	T5
100W	0°C to +40°C	T5	T5

Table 2 (Emergency)

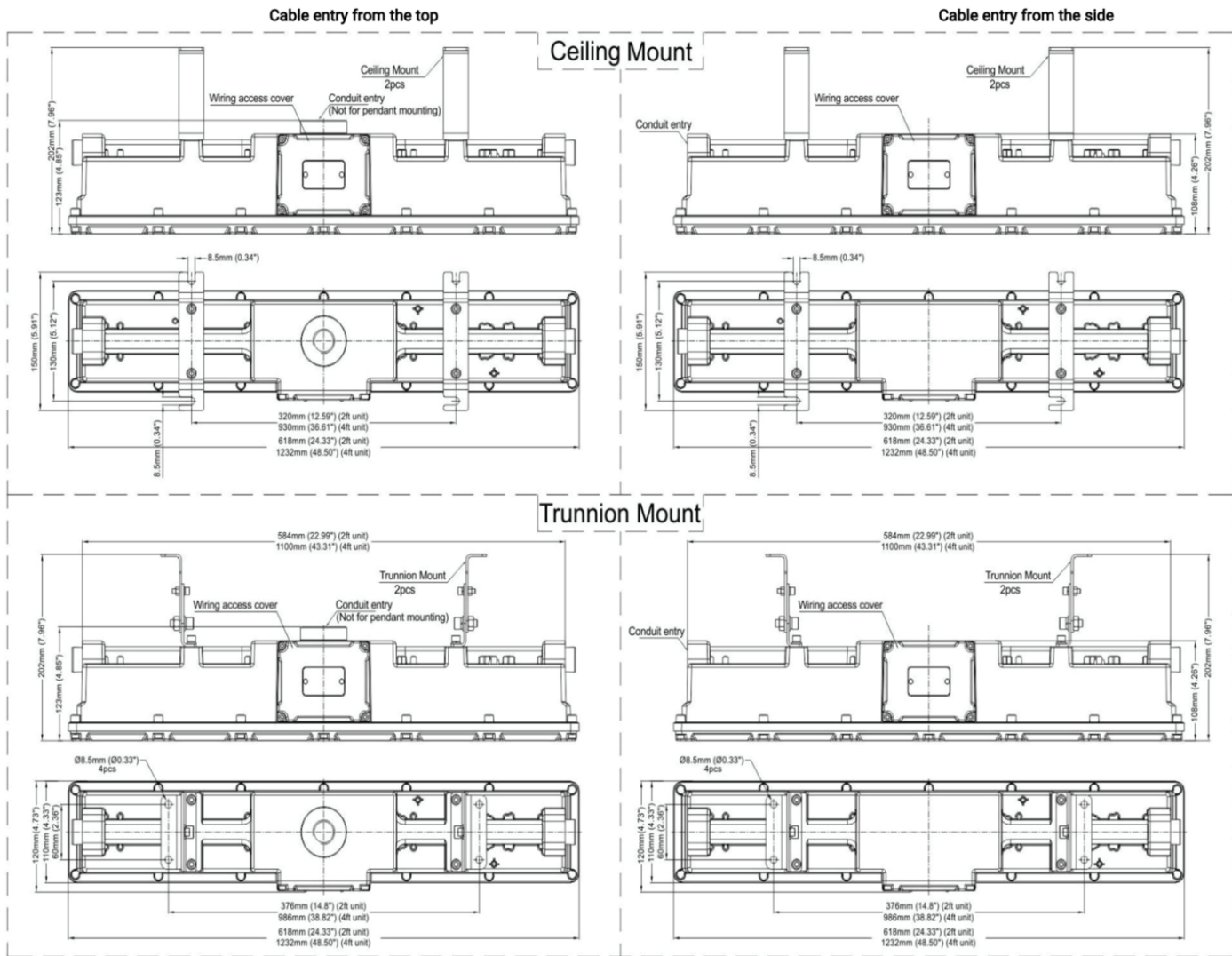
PHOTOMETRICS



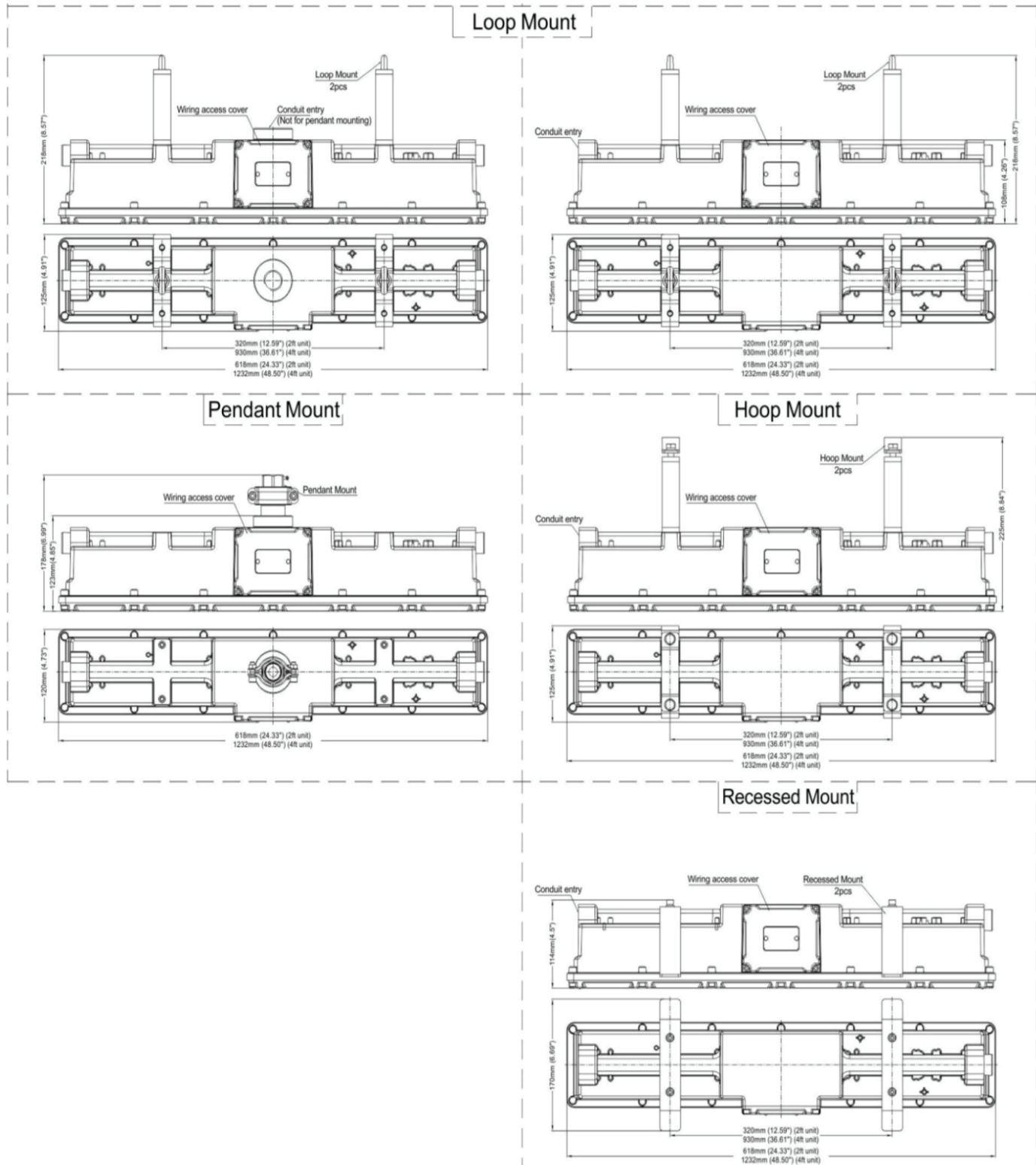
MOUNTING OPTIONS



DIMENSIONS



DIMENSIONS



Notice: 2ft include: 20W, 30W, 40W, 50W 4ft include: 60W, 70W, 80W, 100W

ETHEREUM LINEAR LUMINAIRE FIXTURE

ACCESSORIES



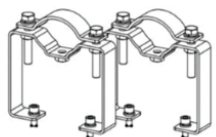
Ceiling Mount

Code: BC-HA06-01

Dimension: 150*30*100mm

Surface Treatment: Powder coating

Color: Grey



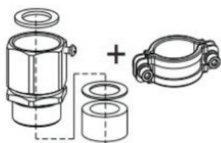
Hoop Mount

Code: BC-HA05-03

Dimension: 119*25*122mm

Surface Treatment: Powder coating

Color: Grey



Pendant Mount

Code: BC-HA06-05

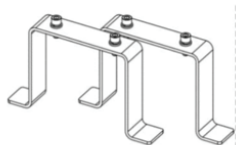
Dimension: 33*65mm

Surface Treatment: Surface passivation

Color: Stainless steel color

Tube specification: M25X1.5 or 3/4"NPT

Cable outer diameter: 8-12



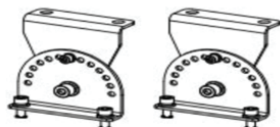
Recessed Mount

Code: BC-HA06-07

Dimension: 170*30*90mm

Surface Treatment: Powder coating

Color: Grey



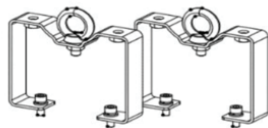
Trunnion Mount

Code: BC-HA06-02

Dimension: 86*43*100mm

Surface Treatment: Powder coating

Color: Grey



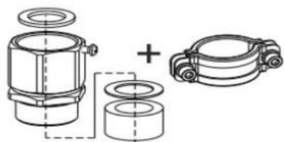
Loop Mount

Code: BC-HA06-04

Dimension: 119*25*115mm

Surface Treatment: Powder coating

Color: Grey



Pendant Mount

Code: BC-HA06-05

Dimension: 41*65mm

Surface Treatment: Surface passivation

Color: Stainless steel color

Tube specification: M32X1.5 or 1"NPT

Cable outer diameter: 15-19