ARBITRUM LOW BAY FIXTURE

The Arbitrum Low Bay Fixture is ideal for hazardous locations, including petroleum, chemical, pulp & paper, foundries, manufacturing and more. This hazloc fixture is available in 30-70W, and with efficiency up to 140 lm/W. Class and Division ratings include CID1, CID2, CIID1, and CIID2. The Arbitrum is extremely durable with IP66 rating, IK10 rating, optional wireguard, and a 10-year non-prorated warranty.

FEATURES

- Marking UL844 Hazardous Locations: CID1, CID2, CIID1, and CIID2
- 5 wattages: 30W, 40W, 50W, 60W, and 70W
- Up to 9,800 lumens and up to 140 lm/W
- IP66 rating
- IK10 impact rating
- Ceiling, stanchion, wall bracket, pendant and trunnion mount options
- Marine rated aluminum alloy housing, powder-coat finish, & stainless steel hardware
- Optional wire guard
- 10 year non-prorated warranty

APPLICATIONS

- Oil and gas industry
- Mining
- Chemical
- Ocean, marine, and aerospace
- Metal treatment
- Food and alcohol industry
- Other high humidity, high dust, high temperature, and hazardous locations
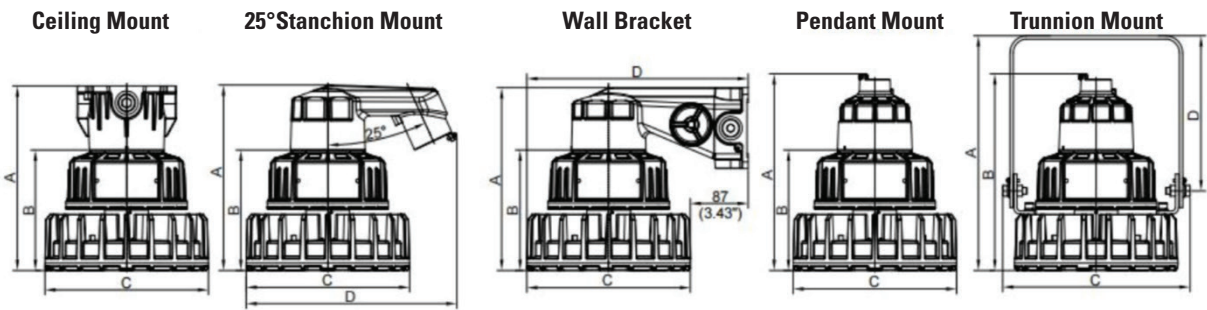
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EcoLite™
Leader in LED Lighting

ORDERING INFORMATION

| MODEL NUMBER	POWER	LUMENS	VOLTAGE	CRI	CCT	MIN. ORDER QTY	US STOCK
ECO-CGA-HA03-30W-ARB	30W	4,200	100-277VAC or 277-480VAC	70+/80+/90+	2000K-6500K 5000K standard Red, Green, Blue, Amber	2	Yes
ECO-CGA-HA03-40W-ARB	40W	5,600	100-277VAC	70+/80+/90+	2000K-6500K 5000K standard Red, Green, Blue, Amber	2	Yes
ECO-CGA-HA03-50W-ARB	50W	7,000	100-277VAC	70+/80+/90+	2000K-6500K 5000K standard Red, Green, Blue, Amber	2	Yes
ECO-CGA-HA03-60W-ARB	60W	8,400	100-277VAC or 277-480VAC	70+/80+/90+	2000K-6500K 5000K standard Red, Green, Blue, Amber	2	Yes
ECO-CGA-HA03-70W-ARB	70W	9,800	100-277VAC	70+/80+/90+	2000K-6500K 5000K standard Red, Green, Blue, Amber	2	Yes

TECHNICAL SPECIFICATIONS

Optical Distributions	120°
CRI	70+ / 80+ / 90+
CCT	2000K-6500K, 5000K standard, Red, Green, Blue, Amber
Efficacy	Up to 140 Lm/W (5000K, 70+CRI)
Input Voltage	100-277VAC or 277-480VAC (for 30W & 60W models only)
Power Frequency	50-60 Hz
Power Factor	>0.90
Surge Protection	30W/40W/50W: 4kV line-line, 6kV line-earth 60W/70W: 6kV line-line, 10kV line-earth
Certifications	UL844 Hazardous Locations: – Class I, Division 1, Groups B, C, D – Class I, Division 2, Groups B, C, D – Class II, Division 1, Groups E, F, G – Class II, Division 2, Groups F, G – Class III – Class I, Zone 1, Group IIB plus hydrogen – Class I, Zone 2, Group IIB plus hydrogen – Zone 20 and Zone 21 – Zone 22 Wet Location & Marine Location rated.
IP Rating	IP66
Impact Rating	IK10
EPA	0.05 m² (0.5 ft²)
Housing Material	Aluminum alloy (<0.4% copper content), powder coat finish, clear glass, and stainless steel hardware.

Rated Life	77,000 hours – L90 175,200 hours – L80 282,900 hours – L70
Warranty	10 Years or 50,000 hours non-prorated
Net Weight	Ceiling mount: 8.3 kg (18.3 lbs) 25° Stanchion mount: 7.9 kg (17.4 lbs) Wall bracket: 9 kg (19.8 lbs) Pendant mount: 7.3 kg (16.1 lbs) Trunnion mount: 9 kg (19.8 lbs)
Finish	Gray marine rated powder-coated finish.
Mounting	Ceiling mount, 25° Stanchion mount, Wall bracket, Pendant mount, Trunnion mount
Cable Entries	– Celling mount / Trunnion mount: 3/4" NPT, M25X1.5, M20X1.5 – Wall bracket / Pendant mount: 3/4" NPT, 1" NPT, M25*1.5, M20X1.5 – 25° Stanchion mount: 1-1/4'' NPT, 1-1/2'' NPT
Operating Temperature	-40°F to +149°F

*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.

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DIMENSIONS

Ceiling Mount   **25°Stanchion Mount**   **Wall Bracket**   **Pendant Mount**   **Trunnion Mount**

Dimensions In/mm																		
Unit	Ceiling Mount			25°Stanchion Mount				Wall Bracket				Pendant Mount			Trunnion Mount			
	A	B	C	A	B	C	D	A	B	C	D	A	B	C	A	B	C	D
Inch	10.8	7.0	9.8	10.8	7.0	9.8	12.6	10.7	7.0	9.8	13.2	11.5	7.0	9.8	13.7	11.5	11.2	9.1
mm	274	179	248	275	179	248	320	271	179	2 4 8	336	292	179	248	348	292	284	230

MOUNTING OPTIONS

Ceiling Mount   **25°Stanchion Mount**   **Wall Bracket**   **Pendant Mount**   **Trunnion Mount**
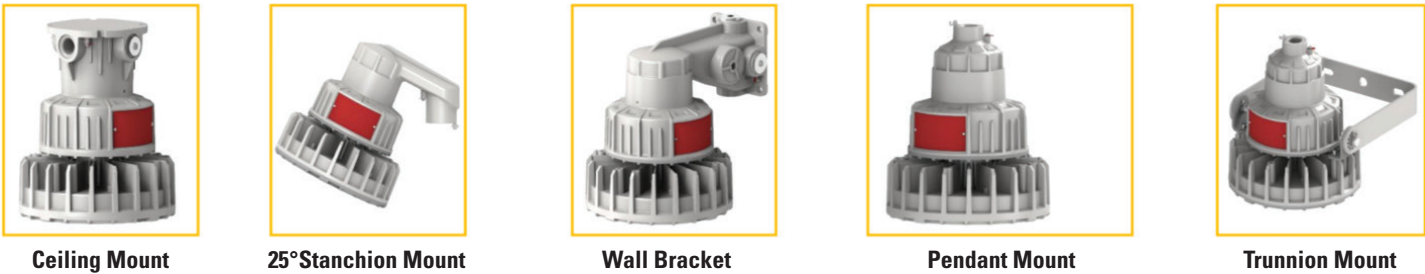
PHOTOMETRICS
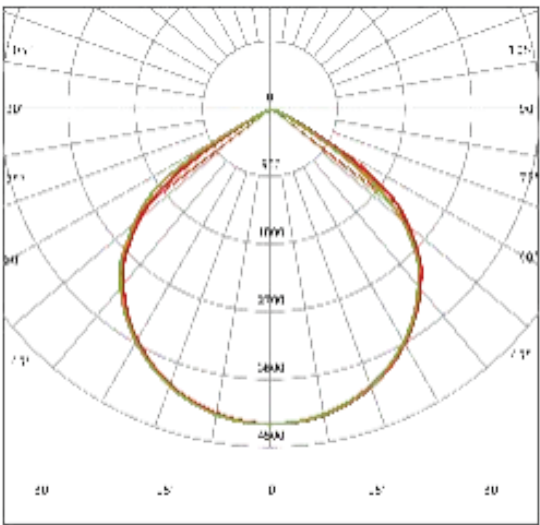
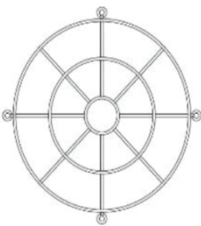## ACCESSORIES

Wire Guard

Wire guard 242*242*6mm

Surface treatment: Nickel plating

Color: Nickel color

Code: BC-HA03-01