

EXOPLUS

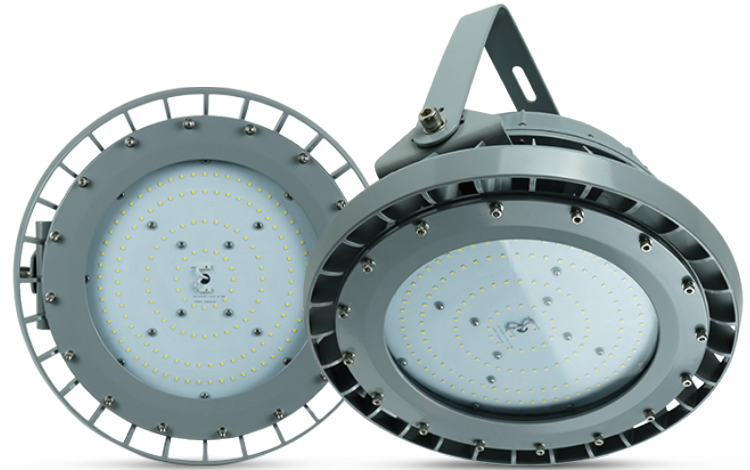
Explosion Proof Round High Bay



HIGH BAY CLASS I DIVISION 1

Product Description:

The Exoplus Round High Bay fixture is designed for use in hazardous facilities and provides its operators with a powerful & efficient alternative to traditional hazardous location luminaries. Its compact design makes this fixture an excellent replacement upgrade option for bulky & high maintenance fixtures. The copper-free aluminum-alloy body is powder coated for added durability & attractive aesthetic appearance. A special heat dissipating design in conjunction with anti-vibration technology ensures a long lifespan with maximum lumen retention.



Classifications / Ratings

- **Class I, Division 1, Groups C and D**
- **Class I, Division 2, Groups A, B, C, D**
- **Class II, Division 1, Groups E, F and G**
- **Class II, Division 2, Group F and G**
- **Class III**
- **II2 G Ex db IIB T5/T6 Gb**
- **II2 D Ex tb IIIC T80/90C Db IP66**

Environmental

- Ambient Operating Temperature -40 °F ~ +140°F
- ATEX & IECEx(IC Version): -40°F ~ +176°F
- Temperature Rating **C1D1 T6**
- Temperature Rating **C1D1 T5**
- Ingress Protection Rating of **IP66**
- Impact Protection of **IK10**
- Average Life of 50000 Hours.

Construction

Housing	Aluminum
Cover Material / Lens	Tempered glass
Base / Power Supply	Three connection cable entry points
Finish	Gray

Application Areas

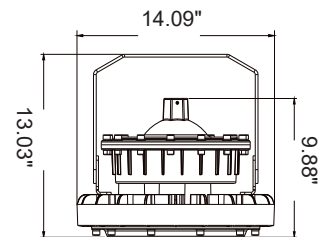
- Oil and gas industry
- Chemical industry
- Marine and aerospace field
- Metal treatment
- Food and alcohol industry

Warranty

- 5-year limited system warranty standard
- Warranty does not cover product failure due to an overvoltage event (power surge)

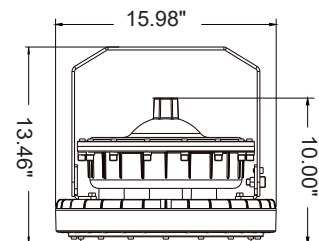
C1L140 (Exoplus1)

Dimension Diagram (20W / 60W / 80W)



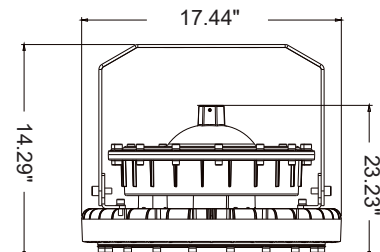
C2L140 (Exoplus2)

Dimension Diagram (100W / 150W)



C3L140 (Exoplus3)

Dimension Diagram (200W / 280W)



Product Specifications:

Item	Specification	Details						
Model Version		C1L140 (Exoplus1)			C2L140 (Exoplus2)		C3L140 (Exoplus3)	
Electrical	Power	20W	60W	80W	100W	150W	200W	280W
	Voltage	100-277 V AC 50/60 Hz (200-480V fixtures also available)						
	Current	0.08A	0.24A	0.32A	0.40A	0.60A	0.80A	1.12A
	Power Factor	>0.9						
	Total Harmonic Distortion (THD)	≤20%						
	Surge Protection	10KV						
Lighting Performance	Lumens	2800 lm	8400 lm	11200 lm	14000 lm	21000 lm	28000 lm	39200 lm
	Efficacy	140 lm/W						
	Color Temperature (CCT)	4000 K, 5000 K						
	Color Rendering (CRI)	80						
	Beam Angle	120° (40°, 60°, 90°, can be made as per request)						

Ordering Information : Typical order example: IK-EXHB-C1L140-20W-40K-CID1-FM


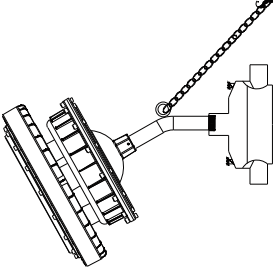



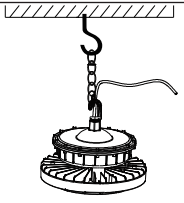


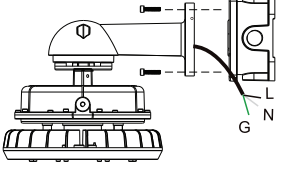
IK	EXHB				CID1		
BRAND	FAMILY	MODEL	POWER	CCT	CLASSIFICATION	MOUNTING OPTIONS	
IK IKIO	EXHB Explosion Proof High Bays	<input type="checkbox"/> C1L140 <i>Exoplus 1 Round High Bay</i>	<input type="checkbox"/> 20W <input type="checkbox"/> 60W <input type="checkbox"/> 60W-HV <input type="checkbox"/> 80W <input type="checkbox"/> 80W-HV	<input type="checkbox"/> 40K <i>for 4000K</i> <input type="checkbox"/> 50K <i>for 5000K</i>	CID1 CID1 Explosion Proof Rated	<input type="checkbox"/> FM <i>Flood Mount (Default)</i> <input type="checkbox"/> PM <i>Pole Mount- Straight</i> <input type="checkbox"/> BPM <i>Pole Mount- Bent</i> <input type="checkbox"/> HM <i>Hanging Mount</i>	<input type="checkbox"/> WMJB90D <i>Wall Mount With Junction Box- 90D</i> <input type="checkbox"/> WMJB25D <i>Wall Mount With Junction Box- 25D</i>
		<input type="checkbox"/> C2L140 <i>Exoplus 2 Round High Bay</i>	<input type="checkbox"/> 100W <input type="checkbox"/> 100W-HV <input type="checkbox"/> 150W <input type="checkbox"/> 150W-HV				
		<input type="checkbox"/> C3L140 <i>Exoplus 3 Round High Bay</i>	<input type="checkbox"/> 200W <input type="checkbox"/> 200W-HV <input type="checkbox"/> 280W <input type="checkbox"/> 280W-HV				

*To Order High Voltage Fixtures Select (-HV) Power Options While Selecting.
 *Default Mounting Bracket Is Flood Mount.
 *Refer Accessories Table Before Selecting Mounting Options.

Accessories Table:

Mounting Option	Model Ordering Code	Accessories Description	Accessories Image	Product Image
Flood Mount	FM	Flood Mount Bracket IK-EX-FM		
		Metal Conduit IK-EX-MC		
Pole Mount- Straight	PM	Junction Box IK-EX-JB		
		Straight IK-EX-SP		

Accessories Table:

Mounting Option	Model Ordering Code	Accessories Description	Accessories Image	Product Image
Pole Mount- Bent	BPM	Junction Box IK-EX-JB		
		Bent Pipe IK-EX-BPP		
		Chain IK-EX-CHAIN		
Hanging Mount	HM	Hook IK-EX-HOOK		
		Chain IK-EX-CHAIN		
Wall Mount With Junction Box- 90D	WMJB90D	Wall Mount- 90D IK-EX-WMJB90D		
Wall Mount With Junction Box- 25D	WMJB25D	Wall Mount- 25D IK-EX-WMJB25D	