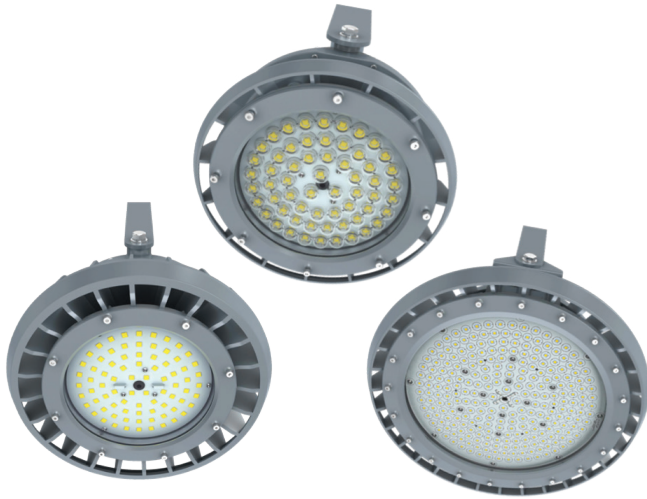


Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

EXPLOSION PROOF EAGLE EYE I HIGH BAY FIXTURE



The **Explosion Proof Eagle Eye I High Bay Fixture** is a highly versatile hazardous location high bay for industrial applications. It is ideally suited for the oil & gas; mining; chemical; ocean, marine, and aerospace; metal treatment; and food & alcohol facilities. It is designed for high humidity, high dust, high temperature, and explosive vapor environments. The aircraft aluminum housing has a marine-rated, powder coated finish.

FEATURES

- UL844, UL1598, UL1598A
- Class I, Division 2, Groups A, B, C, D
- Class II, Division 1, Groups E, F, G
- Class II, Division 2, Groups F, G
- Class III
- Marine ABS rated
- IP66
- 100-277 VAC or 12-48 VDC
- Dimming option and emergency battery back up option

APPLICATIONS

- Oil & gas
- Mining
- Chemical
- Ocean, marine, and aerospace
- Metal treatment
- Food & alcohol production



EXPLOSION PROOF EAGLE EYE I HIGH BAY FIXTURE

ORDERING INFORMATION

MODEL NO.	WATTAGE	LUMEN(LM)	VOLTAGE	CRI	CCT	US STOCK	FIXTURE DIMENSIONS
ECO-EX-20W-B2YZDA	20	2,800	AC100-277V(by driver or by IC) Or DC12-48V	80	3000K-5000K	N	14.57"x7.7"
ECO-EX-40W- B2YZDA	40	5,600		80	3000K-5000K	N	14.57"x7.7"
ECO-EX-60W- BYZDA	60	8,400	AC100-277V(by driver or by IC) Or DC12-48V Or AC200-480V(<65W)	80	3000K-5000K	Y	14.57"x7.7"
ECO-EX-80W BYZDA	80	11,200		80	3000K-5000K	Y	14.57"x7.7"
ECO-EX-100W B3YZDA	100	14,000	AC100-277V(by driver or by IC) Or DC12-48V Or AC200-480V	80	3000K-5000K	Y	14.57"x7.7"
ECO-EX-120W B3YZDA	120	16,800		80	3000K-5000K	N	14.57"x7.7"
ECO-EX-150W B3YZDA	150	21,000		80	3000K-5000K	Y	14.57"x7.7"
ECO-EX-200W B3YZDA	200	28,000		80	3000K-5000K	Y	14.57"x7.7"
ECO-EX-250W B4YZDA	250	35,000		80	3000K-5000K	N	14.57"x7.7"
ECO-EX-300W B4YZDA	300	42,000		80	3000K-5000K	N	14.57"x7.7"
ECO-EX-350W B4YZDA	350	49,000		80	3000K-5000K	N	14.57"x7.7"
ECO-EX-400W B4YZDA	400	56,000		80	3000K-5000K	N	14.57"x7.7"

TECHNICAL SPECIFICATIONS

Optical Distributions	40°/60°/90°/120°
CRI	80+
Efficacy	140 Lm/W
IP Rating	IP66
Input Voltage	100-277 VAC or 12-48 VDC or 200-480 VAC (for >65W)
Power Frequency	50 - 60 Hz
Certifications	cETLus, FCC
Housing Material	Aluminum and tempered glass
Warranty	10 Years, 50,000 Hours Non-Prorated
Operating Temperature	-40° – 131°F
Net Weight	9.7 lbs (20W) – 41.4 lbs (400W)
Control options	NON-DIMMABLE
Certifications	UL844, UL1598, UL1598A Class I, Division 2, Groups A, B, C, D Class II, Division 1, Groups E, F, G Class II, Division 2, Groups F, G Class III Marine ABS rated

*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.

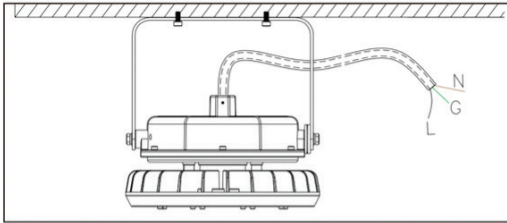
EXPLOSION PROOF EAGLE EYE I HIGH BAY FIXTURE

CONTROLS

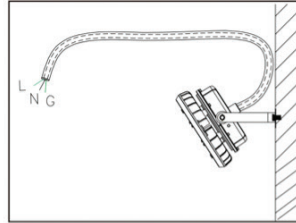
Control Options: Non-dimming standard, dimming and emergency battery back up options available.

MOUNTING OPTIONS

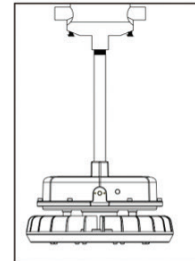
No.1: Ceiling Mounting



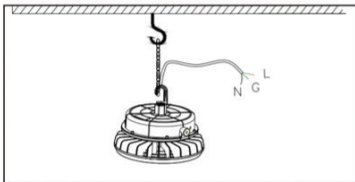
No.2: Wall Mounting



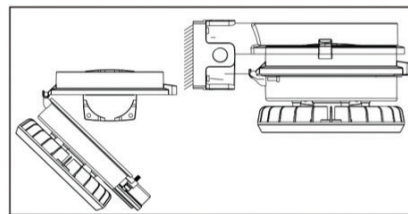
No.3: Pole Pendant



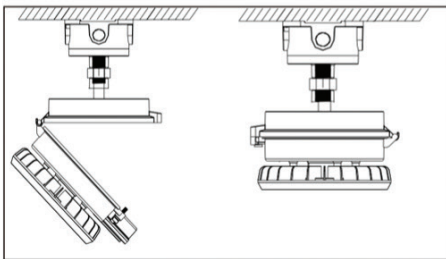
No.4: Hook Pendant



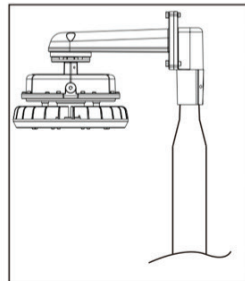
No.6: Arm Mounting by Opening Driver Box



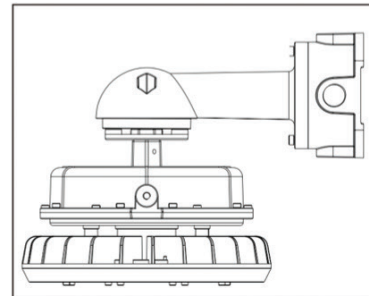
No.5: Ceiling Mounting by Opening Driver Box



No.7: Stanchion Mounting



No.8: Wall Mounting



PHOTOMETRICS

40D

Center Beam fc		Beam Width	
4ft	2008fc	4ft	4ft
8ft	480fc	7ft	7ft
12ft	203fc	11ft	11ft
16ft	115fc	15ft	16ft
20ft	98fc	19ft	23ft

■ Vert, Spread; 40°
■ Horiz, Spread; 40°

60D

Center Beam fc		Beam Width	
4ft	1434fc	6ft	5ft
8ft	343fc	11ft	11ft
12ft	145fc	17ft	14ft
16ft	81fc	22ft	23ft
20ft	69fc	27ft	31ft

■ Vert, Spread; 60°
■ Horiz, Spread; 60°

90D

Center Beam fc		Beam Width	
4ft	1024fc	8ft	8ft
8ft	255fc	15ft	16ft
12ft	105fc	24ft	26ft
16ft	58fc	32ft	33ft
20ft	39fc	39ft	45ft

■ Vert, Spread; 90°
■ Horiz, Spread; 90°

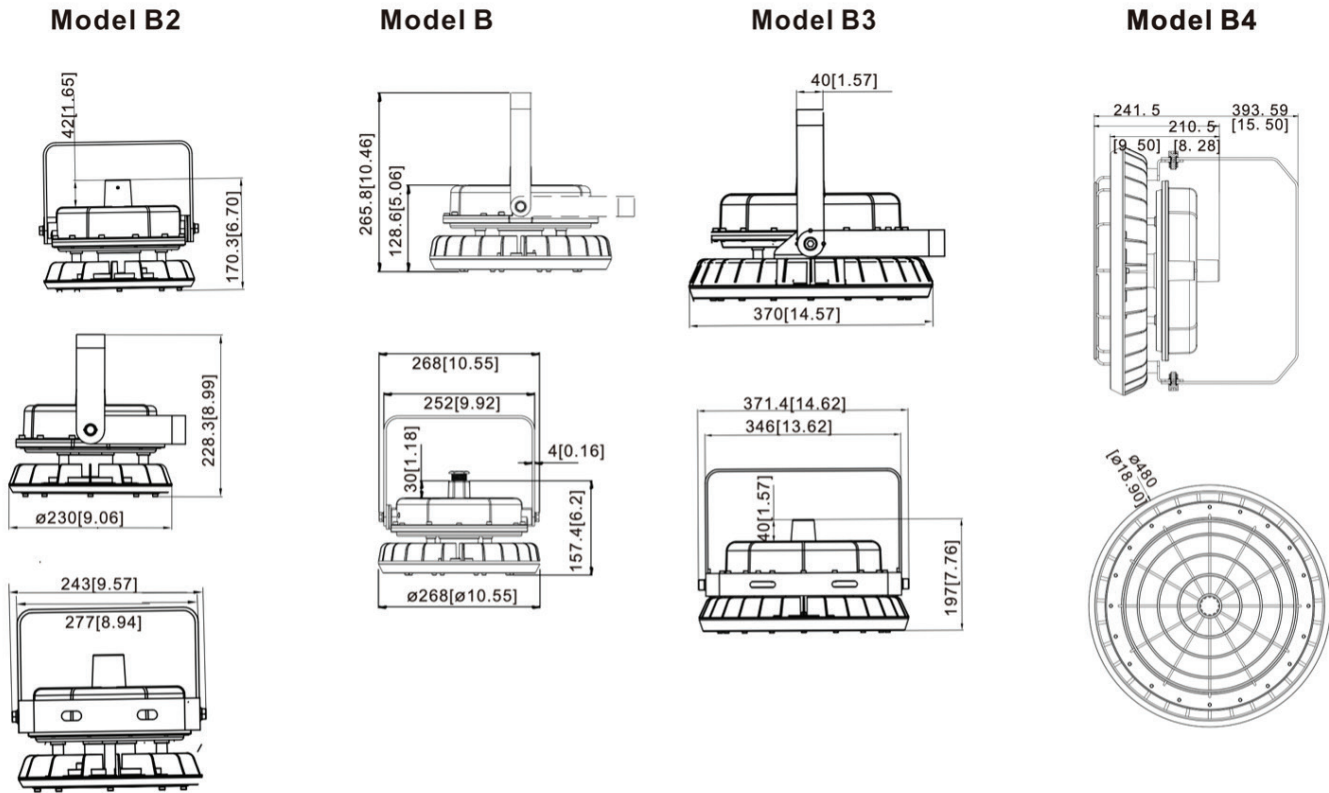
120D

Center Beam fc		Beam Width	
4ft	683fc	11ft	11ft
8ft	170fc	21ft	22ft
12ft	73fc	32ft	33ft
16ft	39fc	43ft	45ft
20ft	26fc	53ft	56ft

■ Vert, Spread; 120°
■ Horiz, Spread; 120°

EXPLOSION PROOF EAGLE EYE I HIGH BAY FIXTURE

DIMENSIONS



MOUNTING ACCESSORIES

- | | | |
|--|---|--|
|  <ul style="list-style-type: none"> ● Model: Ex-Junction01 Name: Junction Box Material: Aircraft Aluminum A383 |  <ul style="list-style-type: none"> ● Model: EX-Hook Name: Installation Hook Material: Aircraft Aluminum A383 |  <ul style="list-style-type: none"> ● Model: Ex-Conduit01 Name: Metal Conduit Material: Stainless Steel and Aluminum |
|  <ul style="list-style-type: none"> ● Model: EX-WPipe Name: Winding Swing Pipe Material: Iron with Power Coating |  <ul style="list-style-type: none"> ● Model: EX-SPipe Name: Winding Swing Pipe Material: Iron with Power Coating |  <ul style="list-style-type: none"> ● Model: Ex-D01 Name: Pendant Direction Adapter Material: Aircraft Aluminum A383 |
|  <ul style="list-style-type: none"> ● Model: EX-MArm Name: Surface Mounting Arm Material: Aircraft Aluminum A383 |  <ul style="list-style-type: none"> ● Model: EX-25PSupport Name: 25 Degree Pole Support Material: Aircraft Aluminum A383 |  <ul style="list-style-type: none"> ● Model: EX-90PSupport Name: 90 Degree Pole Support Material: Aircraft Aluminum A383 |
|  <ul style="list-style-type: none"> ● Model: Ex-90JSupport Name: 90° Arm to Junction box Material: Aircraft Aluminum A383 |  <ul style="list-style-type: none"> ● Model: Ex-25JSupport Name: 25° Arm to Junction box Material: Aircraft Aluminum A383 |  <ul style="list-style-type: none"> ● Model: Ex-DArm Name: Direct Mounting Arm Material: Aircraft Aluminum A383 |
|  <ul style="list-style-type: none"> ● Model: Ex-ShadeB/B2/B3 Name: Lamp Shade Material: Aluminum A6061 |  <ul style="list-style-type: none"> ● Model: Ex-CshadeB/B2/B3 Name: Cut off lamp shade Material: Aluminum A6061 |  <ul style="list-style-type: none"> ● Model: Ex-Chain Name: Pendant Chain Material: Stainless Steel S30400 |