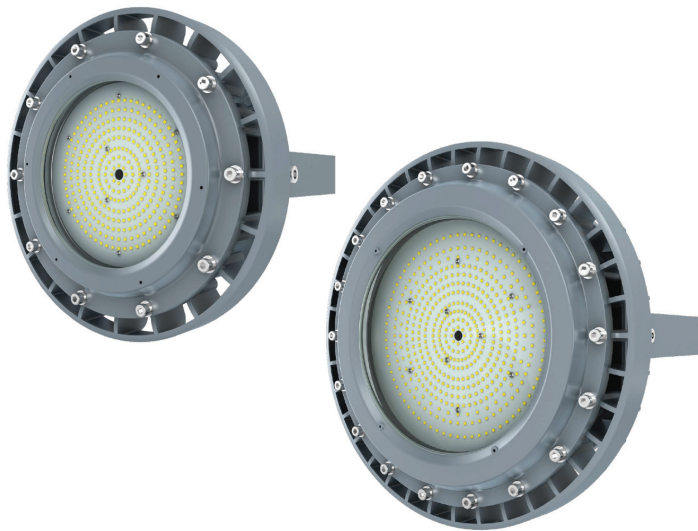


Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

## EXPLOSION PROOF SKY HAWK HIGH BAY PLUS FIXTURE



The **Explosion Proof Sky Hawk High Bay Plus Fixture** is an industrial-grade round high bay family, with a wide range of Class I, II, and III explosion proof ratings, as well as Marine markings of UL1598, UL1598A, and ABS. The housing boasts die-cast aluminum, tempered glass lens, marine rated powder coated finish, and stainless steel hardware, with an IP66 rating.

### FEATURES

- Marking UL844
  - Class I, Division 1, Groups C, D
  - 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 Marking: UL1598, 1598A, ABS
- IP 66 rating
- IK 10 impact rating
- 100-277VAC or 200-480VAC or 12-48VDC

### APPLICATIONS

- Oil and Gas
- Mining
- Chemical industry
- Ocean, marine, and aerospace
- Metal treatment
- Food and alcohol industry
- Other high humidity, high dust, high temperature, and vapor locations



# EXPLOSION PROOF SKY HAWK HIGH BAY PLUS FIXTURE

## ORDERING INFORMATION

MODEL NO.	POWER	LUMENS	VOLTAGE	CRI	CCT	BEAM ANGLE (DEG)	MIN. ORDER QUANTITY	US STOCK	SIZE (INCH)
ECO-EX-20W-C2YZDA	20W	2,800	100-277VAC	80+	3000K-5000K	40°, 60°, 90°, 120°	2	N	14.08" x 8.42"
ECO-EX-60W-C2YZDA	60W	8,400	100-277VAC	80+	3000K-5000K	40°, 60°, 90°, 120°	2	N	14.08" x 8.42"
ECO-EX-80W-C2YZDA	80W	11,200	100-277VAC	80+	3000K-5000K	40°, 60°, 90°, 120°	2	N	14.08" x 8.42"
ECO-EX-100W-CYZDA	100W	14,000	100-277VAC	80+	3000K-5000K	40°, 60°, 90°, 120°	2	Y	14.08" x 8.42"
ECO-EX-150W-CYZDA	150W	21,000	100-277VAC	80+	3000K-5000K	40°, 60°, 90°, 120°	2	Y	14.08" x 8.42"
ECO-EX-200W-C3YZDA	200W	28,000	100-277VAC	80+	3000K-5000K	40°, 60°, 90°, 120°	2	N	17.44" x 10.0"
ECO-EX-250W-C3YZDA	250W	35,000	100-277VAC	80+	3000K-5000K	40°, 60°, 90°, 120°	2	N	17.44" x 10.0"
ECO-EX-280W-C3YZDA	280W	39,200	100-277VAC	80+	3000K-5000K	40°, 60°, 90°, 120°	2	N	17.44" x 10.0"

## TECHNICAL SPECIFICATIONS

Optical Distributions	40°, 60°, 90°, 120°
CRI	80+
Efficacy	140 Lm/W
IP Rating	IP66
Input Voltage	100-277VAC or 200-480VAC or 12-48VDC
Current	ECO-EX-20W-C2YZDA 167mA [120V] ECO-EX-60W-C2YZDA 500mA [120V] ECO-EX-80W-C2YZDA 667mA [120V] ECO-EX-100W-CYZDA 833mA [120V] ECO-EX-150W-CYZDA 1.25A [120V] ECO-EX-200W-C3YZDA 1.67A [120V] ECO-EX-250W-C3YZDA 2.08A [120V] ECO-EX-280W-C3YZDA 2.33A [120V]
Power Frequency	50-60 Hz
Certifications	Marking UL844 Class I, Division 1, Groups C, D 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 Marking: UL1598, UL1598A, ABS
Housing Material	Aluminum
Rated Life (L70)	50,000 hours
Warranty	10 Years non-prorated
Operating Temperature	-40°F to 140°F
Impact rating	IK10
Net Weight	C 38.36 lbs / C2 30.86 lbs / C3 46.30 lbs
Controls	Battery backup function and dimming available

\*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.

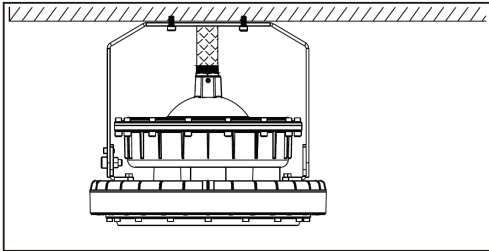
# EXPLOSION PROOF SKY HAWK HIGH BAY PLUS FIXTURE

## CONTROLS

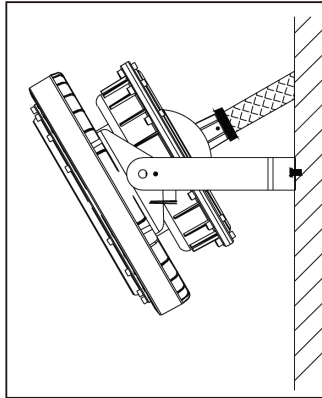
Control Options: Emergency battery backup option, for up to three hours. Dimming option.

## MOUNTING OPTIONS

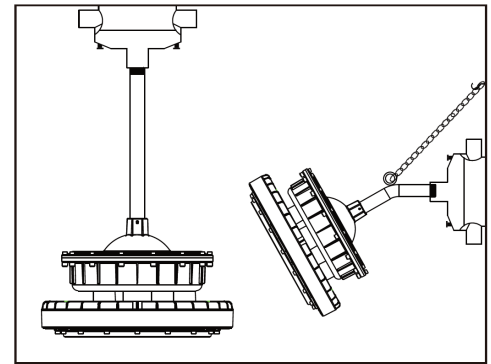
**No. 1 Ceiling Mounting**



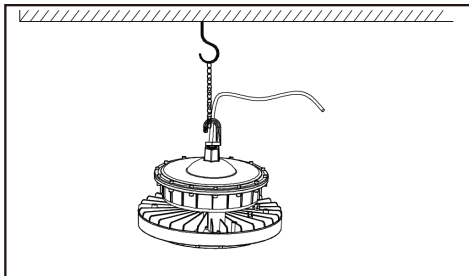
**No. 2 Wall Mounting**



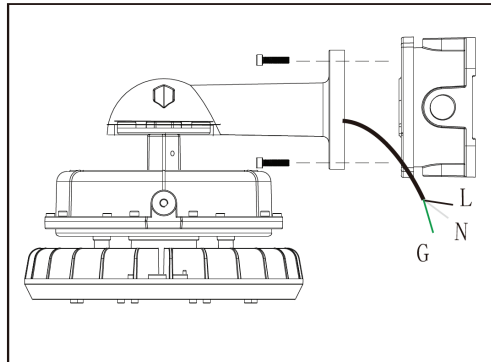
**No. 3 Pole Mounting**



**No. 4 Hook Pendant Mounting**



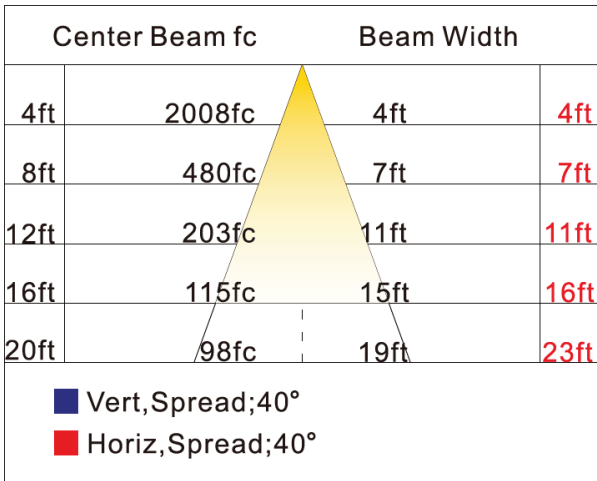
**No. 5 Wall Mounting to Junction Box**



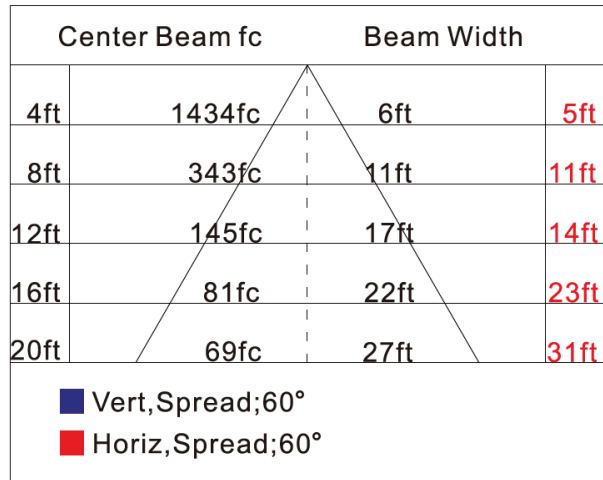
# EXPLOSION PROOF SKY HAWK HIGH BAY PLUS FIXTURE

## PHOTOMETRICS

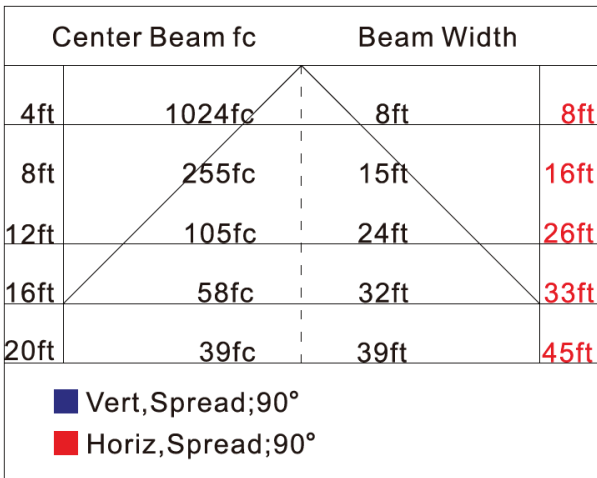
40D



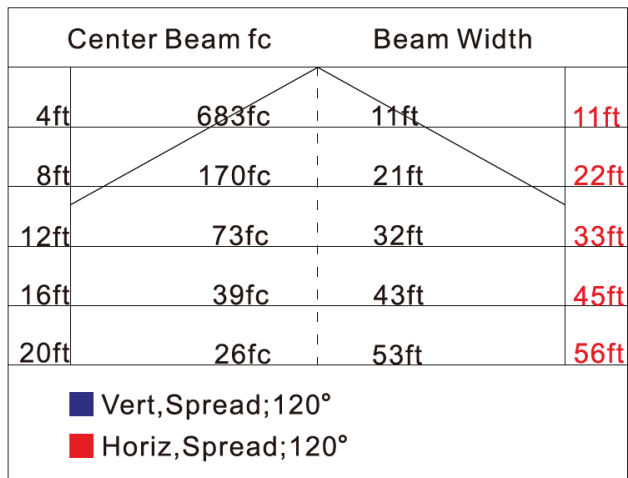
60D



90D



120D

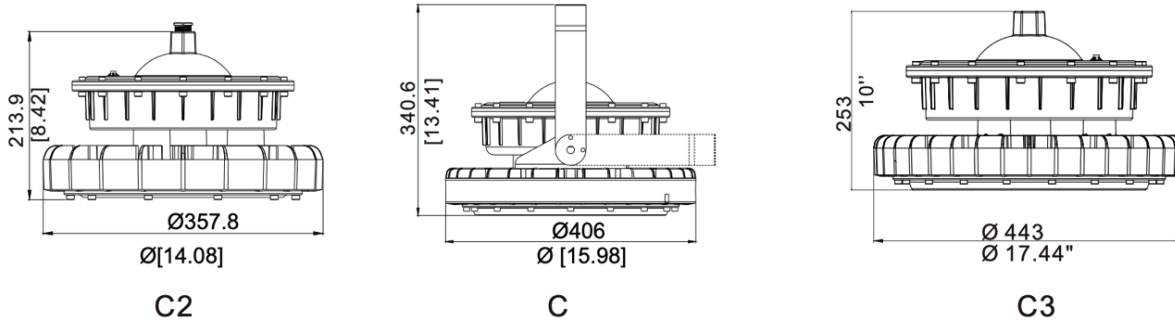


# EXPLOSION PROOF SKY HAWK HIGH BAY PLUS FIXTURE

## DIMENSIONS

Unit: mm[inch]

### Housing Option A: Bracket and Flat Glass Lens



This structure type with bracket, flat glass and optics lens generates 40°, 60°, 90° and 120° light distribution.

## ACCESSORIES

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