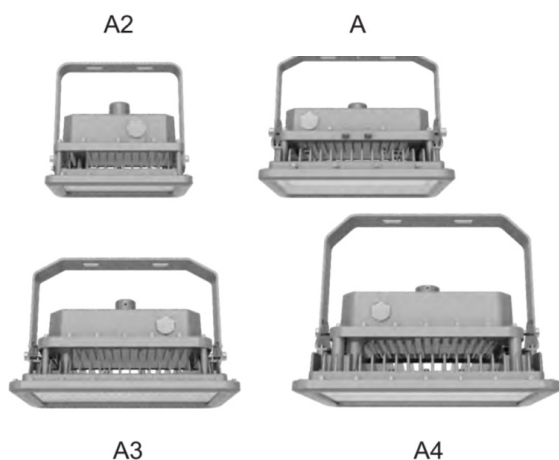


Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

EXPLOSION PROOF NIGHT HAWK II FLOOD FIXTURE



The **Explosion Proof Night Hawk II Flood Fixture** delivers premium performance for hazardous locations. Ideal for petroleum and other heavy industries, this fixture delivers up to 140 lumens per watt and a large variety of Zone and Class ratings for hazardous locations. It is extremely durable with IP66 rating, IK08 as is, and IK10 rated with a wireguard, with a 10-year non-prorated warranty.

FEATURES

- Marking UL844 Hazardous Locations:
 - Class I Division 2, Group A, B, C, D
 - Class II Division 1, Group E, F, G
 - Class II Division 2, Group F, G
 - Class III
 - Class I, Zone 2, Group IIC
 - Class II, Zone 21, Group IIIC
- Marine Marking: UL1598A, ABS, 1000 hour salt spray tested
- IP 66
- IK08 without wireguard and IK10 with wireguard
- Battery backup available for 80-400W models
- Dimming available
- Marine rating powder-coated finish
- 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 vapor locations



EXPLOSION PROOF NIGHT HAWK II FLOOD FIXTURE

ORDERING INFORMATION

MODEL NO.	POWER	LUMENS	VOLTAGE	CRI	CCT	BEAM ANGLE (DEG)	MIN. ORDER QTY	US STOCK?
ECO-EX-20W-A2YZDA	20W	2,800	100-277VAC or 200-480VAC	70+	3000K-6500K	40°, 60°, 90°, 120°	2	Y
ECO-EX-40W-A2YZDA	40W	5,600	100-277VAC or 200-480VAC	70+	3000K-6500K	40°, 60°, 90°, 120°	2	Y
ECO-EX-60W-A2YZDA	60W	8,400	100-277VAC or 200-480VAC	70+	3000K-6500K	40°, 60°, 90°, 120°	2	Y
ECO-EX-80W-AYZDA	80W	11,200	100-277VAC or 200-480VAC	70+	3000K-6500K	40°, 60°, 90°, 120°	2	Y
ECO-EX-100W-AYZDA	100W	14,000	100-277VAC or 200-480VAC	70+	3000K-6500K	40°, 60°, 90°, 120°	2	Y
ECO-EX-150W-A3YZDA	150W	21,000	120-277VAC or 277-480VAC	70+	3000K-6500K	40°, 60°, 90°, 120°	2	Y
ECO-EX-180W-A3YZDA	180W	25,200	120-277VAC or 277-480VAC	70+	3000K-6500K	40°, 60°, 90°, 120°	2	Y
ECO-EX-200W-A3YZDA	200W	28,000	120-277VAC or 277-480VAC	70+	3000K-6500K	40°, 60°, 90°, 120°	2	Y
ECO-EX-250W-A4YZDA	250W	35,000	120-277VAC or 277-480VAC	70+	3000K-6500K	40°, 60°, 90°, 120°	2	Y
ECO-EX-300W-A4YZDA	300W	42,000	120-277VAC or 277-480VAC	70+	3000K-6500K	40°, 60°, 90°, 120°	2	Y
ECO-EX-400W-A4YZDA	400W	56,000	120-277VAC or 277-480VAC	70+	3000K-6500K	40°, 60°, 90°, 120°	2	Y

TECHNICAL SPECIFICATIONS

Optical Distributions	40°, 60°, 90°, 120°
CRI	70+
CCT	3000K-6500K
Efficacy	Up to 140 Lm/W
IP Rating	IP66
Input Voltage	20-100W: 100-277VAC or 200-480VAC 150-400W: 120-277VAC or 277-480VAC
Power Frequency	50-60 Hz
Power Factor	>0.95
Certifications	Marking UL844 Hazardous Locations: - Class I Division 2, Group A, B, C, D - Class II Division 1, Group E, F, G - Class II Division 2, Group F, G - Class III - Class I, Zone 2, Group IIC - Class II, Zone 21, Group IIIC Marine Marking: UL1598A, ABS, 1000 hour salt spray tested.
Impact Rating	IK08 tempered glass without wireguard, IK10 with wireguard.
Housing Material	Die-cast aluminum with tempered glass or polycarbonate lens. Stainless steel hardware.
Rated Life (L70)	78,000 hours @ 131°F
Warranty	10 Years or 50,000 hours non-prorated

Net Weight	20-60W: 9.15 lbs 80-100W: 15.32 lbs 150-200W: 18.30 lbs 300-400W: 33.29 lbs
Controls	Battery backup function optional for 80W-400W models. 0-10V dimming available.
Finish	Gray RAL7040 standard. Marine rating powder-coated finish.
Mounting	Ceiling, Wall, Hook, Trunnion, Pole, Stanchion.
Cable Entries	Side: 3/4" NPT (standard); M20, M25, 1/2" NPT (optional). Top: 3/4" NPT (standard)
Operating Temperature	Models A, 40-100W: -40°F to +104°F Models A, 40-100W, Class I Division 2: Group A, B, C, D: -40°F to +122°F Models A2, 20-40W: -40°F to +104°F Models A3, 20-200W: -40°F to +104°F Models A4, 20-300W: -40°F to +131°F Models A4, 20-400W: -40°F to +104°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.

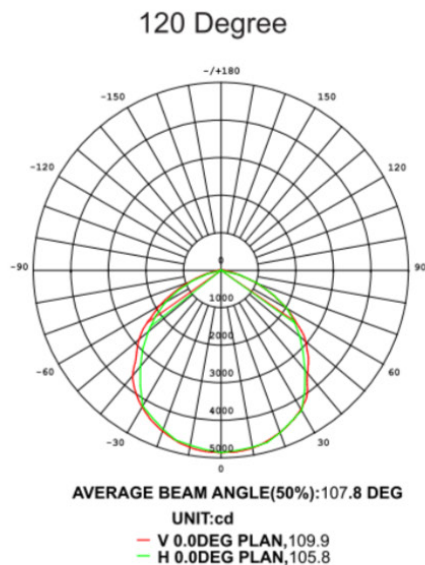
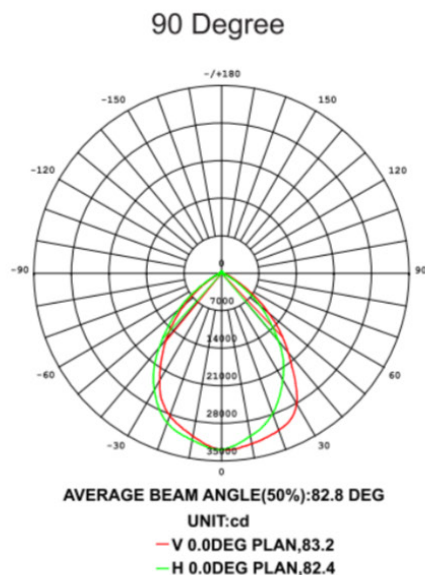
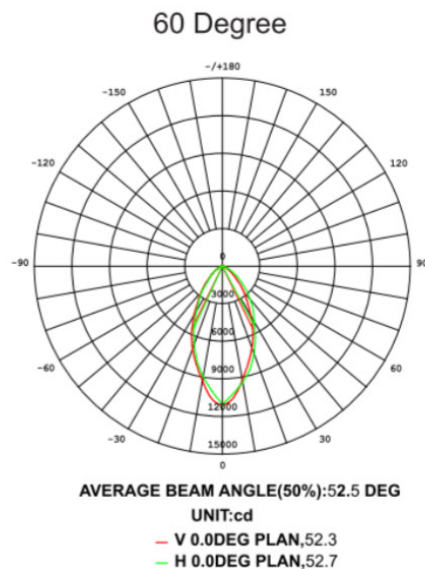
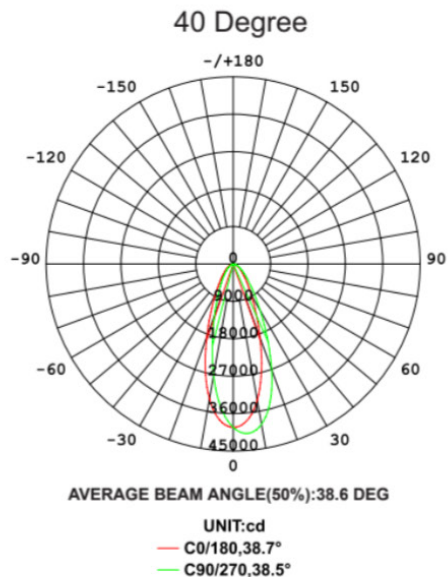
*IES files provided on request.

EXPLOSION PROOF NIGHT HAWK II FLOOD FIXTURE

CONTROL OPTIONS

Control Options: Emergency battery backup optional for 80W-400W models. 0-10V Dimming option.

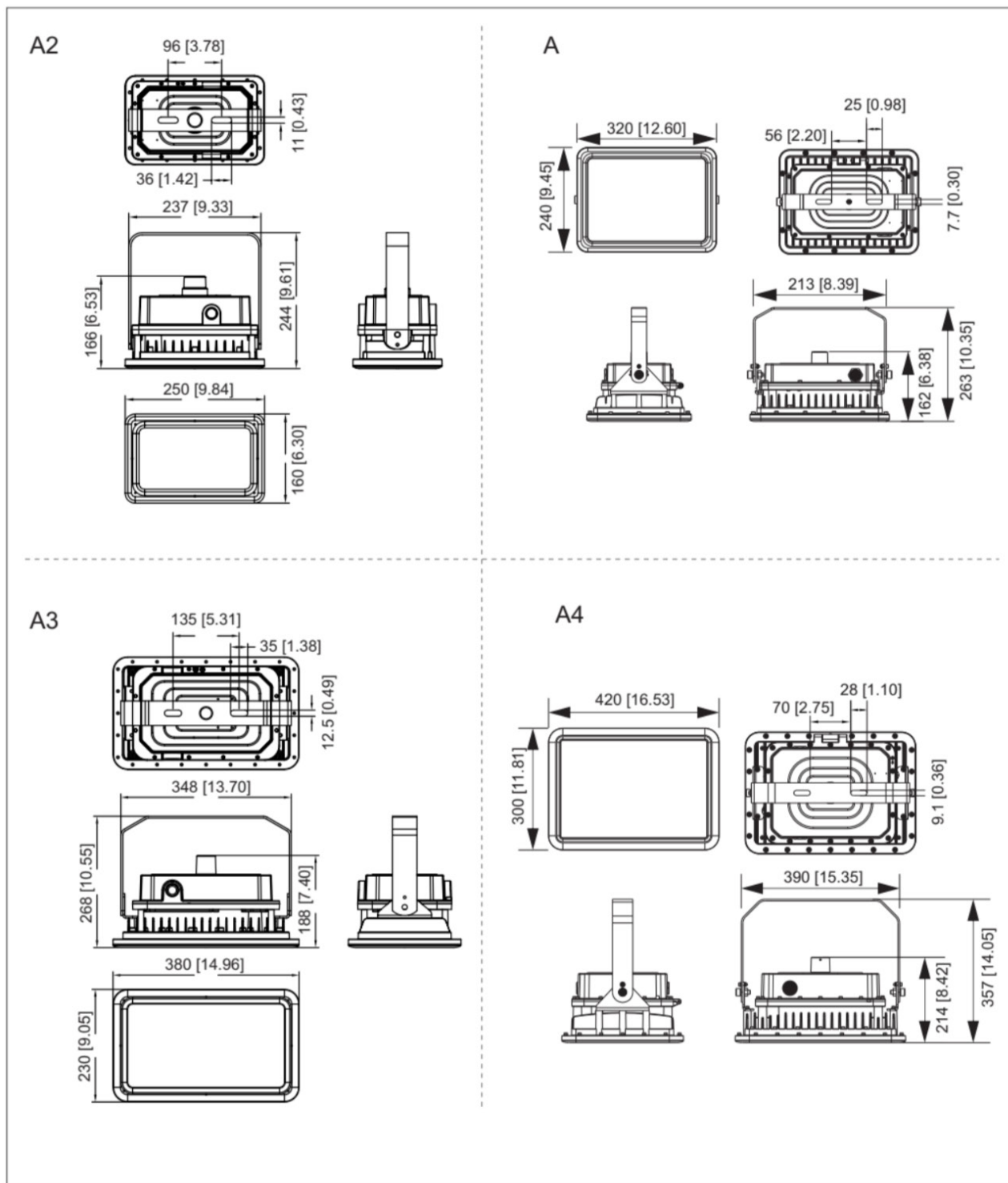
PHOTOMETRICS



EXPLOSION PROOF NIGHT HAWK II FLOOD FIXTURE

DIMENSIONS

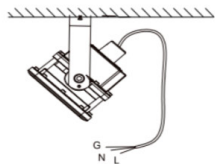
Units: mm[inch]



EXPLOSION PROOF NIGHT HAWK II FLOOD FIXTURE

MOUNTING OPTIONS

• Option 1: Ceiling Mounting

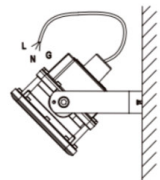


• Accessory



Bracket

• Option 2: Wall Mounting

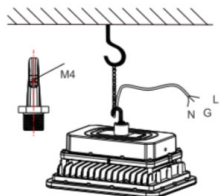


• Accessory



Bracket

• Option 3: Hook Mounting



• Accessories

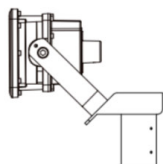


Hook
Ex-Hook



Pendant Chain
Ex-Straight Chain

• Option 4: Trunnion Mounting (Only for A and A2)



• Accessory



EX-Slip
Fitter Mounting Kit

• Option 5: Pole Mounting (Vertical)



• Accessories



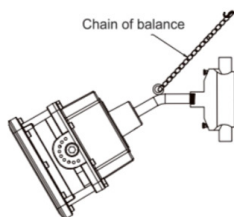
Junction Box
EX-HD51-KB1



Pole
Ex-Straight Pipe

MOUNTING OPTIONS, CONTINUED

• Option 6: Pole Mounting (Non-vertical)



• Accessories



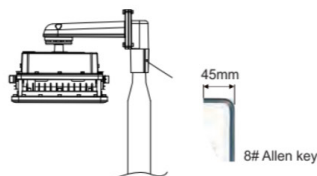
• Option 7: Stanchion Mounting on the Wall



• Accessory



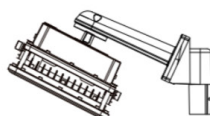
• Option 8: Stanchion Mounting on the Pole (90 Degree)



• Accessories



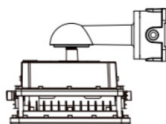
• Option 9: Stanchion Mounting on the Pole (25 Degree)



• Accessories



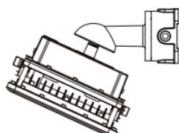
• Option 10: Wall Mounting with Junction Box (90 Degree)



• Accessory



• Option 11: Wall Mounting with Junction Box (25 Degree)



• Accessory

