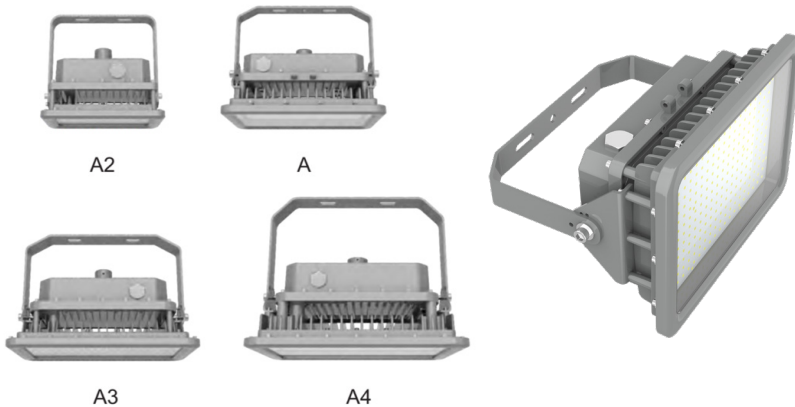


Project Name:	Fixture Type:
Complete Catalog #:	Date:
Comments:	

## EAGLE EYE II FLOOD FIXTURE



The **Eagle Eye II Flood Fixture** is designed for demanding marine and hazardous applications. They are impervious to moisture, dirt, dust, corrosion and vibration, and ideal for harsh applications where wind, water, snow or high ambient temperatures are expected. A die-cast aluminum housing provides great corrosion resistance, thermal management, and IK08 (without wireguard) and IK10 impact rating (with wireguard). The family is ABS marine rated, IP66, UL 844 HazLoc for Class I Div 2, Group A, B, C, D; Class II Div 1, Group E, F, G; Class II Div 2, Group F, G; Class III; Class I Zone 2, Group IIC; Class II, Zone 21, Group IIIC; UL 1598 wet locations; and UL 1598A Marine Outdoor Type.

### FEATURES

- ABS marine rated
- DLC Listed (some models)
- UL 844 Hazardous Locations
- UL 1598 Wet Location listed
- UL 1598A Marine Outdoor Type
- 1000 hours salt spray test
- IP66
- Up to 140 lpW
- 0-10V dimming option
- Battery backup option for 80W-400W models only
- IK08 (without wireguard), IK10 (with wireguard)

### APPLICATIONS

- Power plants
- Petrochemical processing
- Wastewater treatment plants
- Loading dock platforms
- Offshore platforms
- Chemical processing
- Food & alcohol processing
- Metallurgical plants



# EAGLE EYE II FLOOD FIXTURE

## ORDERING INFORMATION

MODEL #	WATTAGE	INPUT VOLTAGE	CCT	LUMENS	MINIMUM ORDER QTY	US STOCK
ECO-EX-20W-AN50D120	20W	100-277VAC or 200-480VAC	3000K-6500K	2,800	2	Yes
ECO-EX-40W-AN50D120	40W	100-277VAC or 200-480VAC	3000K-6500K	5,600	2	Yes
ECO-EX-60W-AN50D120	60W	100-277VAC or 200-480VAC	3000K-6500K	8,400	2	Yes
ECO-EX-80W-AN50D120	80W	100-277VAC or 200-480VAC	3000K-6500K	11,200	2	Yes
ECO-EX-100W-AN50D120	100W	100-277VAC or 200-480VAC	3000K-6500K	14,000	2	Yes
ECO-EX-150W-A3N50D120	150W	100-277VAC or 200-480VAC	3000K-6500K	21,000	2	Yes
ECO-EX-180W-A3N50D120	180W	100-277VAC or 200-480VAC	3000K-6500K	25,200	2	Yes
ECO-EX-200W-A3N50D120	200W	100-277VAC or 200-480VAC	3000K-6500K	28,000	2	Yes
ECO-EX-250W-A4N50D120	250W	100-277VAC or 200-480VAC	3000K-6500K	35,000	2	Yes
ECO-EX-300W-A4N50D120	300W	100-277VAC or 200-480VAC	3000K-6500K	42,000	2	Yes
ECO-EX-400W-A3N50D120	400W	100-277VAC or 200-480VAC	3000K-6500K	56,000	2	Yes

## TECHNICAL SPECIFICATIONS

Input Voltage	100-277VAC or 200-480VAC
Input Power Frequency	50-60 Hz
Wattage	20W, 40W, 60W, 80W, 100W, 150W, 180W, 200W, 250W, 300W, 400W
Power Factor	>0.95
Efficacy	Up to 140 lm/W
Lumens	Up to 56,000
CCT Selectable	3000K-6500K
CRI	70+
Beam Angle	40°/60°/90°/120°
Controls	0-10V dimming option, Optional emergency battery backup available for 80W – 400W models, only.
Operating Temperature	-40°F to 104°F - Models A, 40-120W -40°F to 122°F - Models A, 40-100W, Class I Div 2 Group A, B, C, D -40°F to 104°F - Models A2, 20-40W -40°F to 104°F - Models A3, 20-200W -40°F to 131°F - Models A4, 20-300W -40°F to 104°F - Models A4, 20-400W
Certifications	cULus listed, DLC listed (some models), ABS marine rated, IP66, UL 844 HazLoc for Class I Div 2, Group A, B, C, D; Class II Div 1, Group E, F, G; Class II Div 2, Group F, G; Class III; Class I Zone 2, Group IIC; Class II, Zone 21, Group IIIC; UL 1598 wet locations; and UL 1598A Marine Outdoor Type, FCC, 1000 hours salt spray.
Construction	Die-cast aluminum with tempered glass and polycarbonate. Stainless steel hardware.
Fixture Color	Gray RAL7040
Mounting Options	Ceiling, Wall, Hook, Pole, Stanchion
Warranty	10 years or 50,000 hour non-prorated

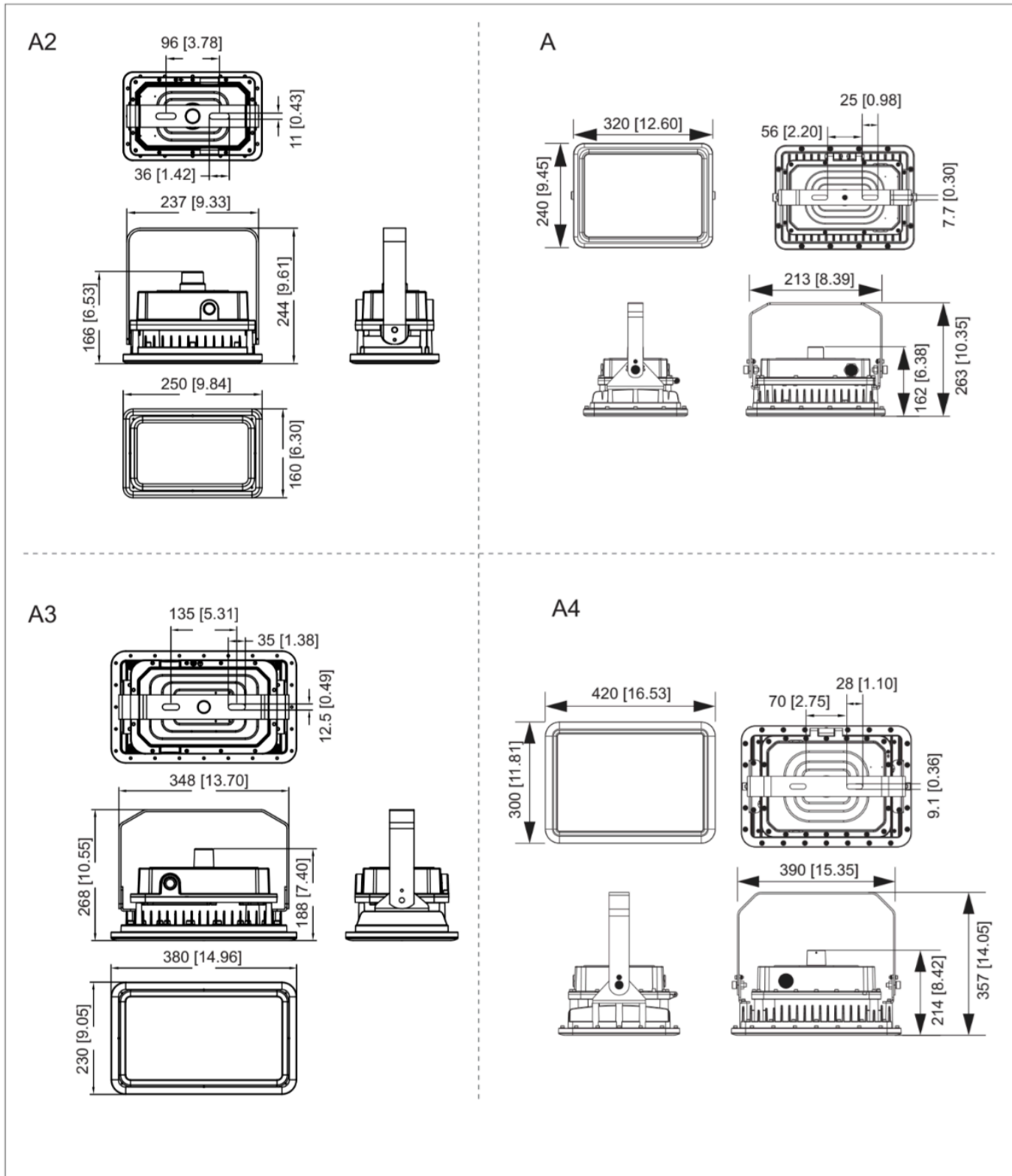
\*Data is based upon tests performed in a controlled environment and representative performance. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. All specifications are nominal unless otherwise noted.  
\*IES files provided on request.

# EAGLE EYE II FLOOD FIXTURE

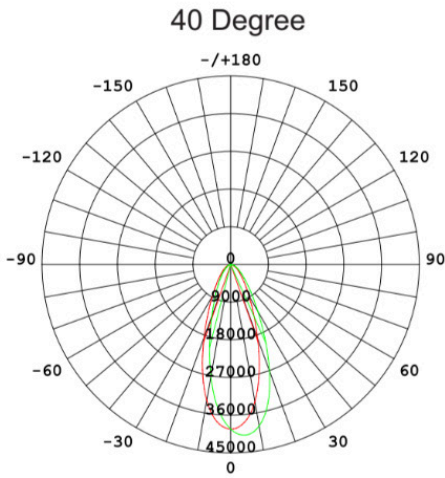
## CONTROLS

Control Options: 0-10V dimming option, Optional emergency battery backup available for 80W–400W models, only.

## DIMENSIONS

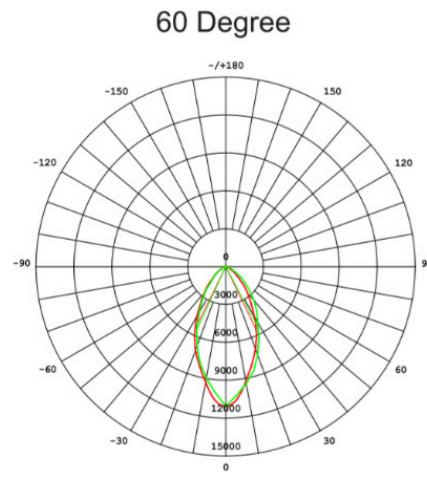


## PHOTOMETRICS



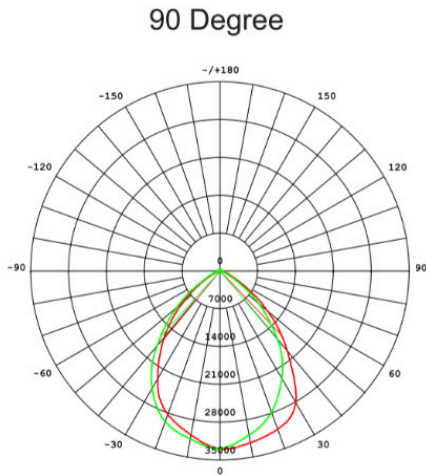
AVERAGE BEAM ANGLE(50%):38.6 DEG

UNIT:cd  
 - C0/180,38.7°  
 - C90/270,38.5°



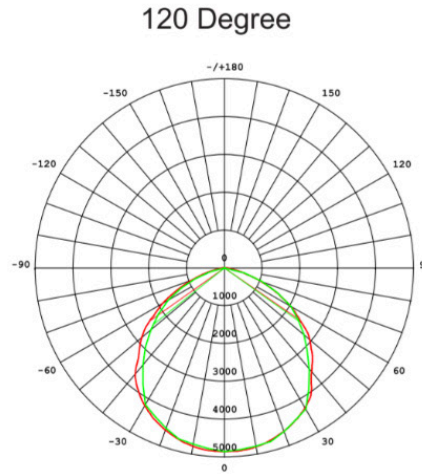
AVERAGE BEAM ANGLE(50%):52.5 DEG

UNIT:cd  
 - V 0.0DEG PLAN,52.3  
 - H 0.0DEG PLAN,52.7



AVERAGE BEAM ANGLE(50%):82.8 DEG

UNIT:cd  
 - V 0.0DEG PLAN,83.2  
 - H 0.0DEG PLAN,82.4



AVERAGE BEAM ANGLE(50%):107.8 DEG

UNIT:cd  
 - V 0.0DEG PLAN,109.9  
 - H 0.0DEG PLAN,105.8

# EAGLE EYE II FLOOD FIXTURE

## MOUNTING

Mounting options: Ceiling, Wall, Hook, Pole, Stanchion.

Cable entries: Side: M20 (standard); M25, 1/2" NPT, 3/4" NPT (optional)  
Top: 3/4" NPT (standard)

• Option 1: Ceiling Mounting



• Accessory



Bracket

• Option 2: Wall Mounting



• Accessory



Bracket

• Option 3: Hook Mounting



• Accessories

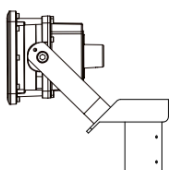


Hook  
Ex-Hook




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



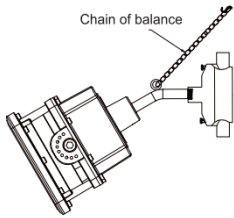
Junction Box  
EX-HD51-KB1



Pole  
Ex-Straight Pipe

## MOUNTING, CONTINUED

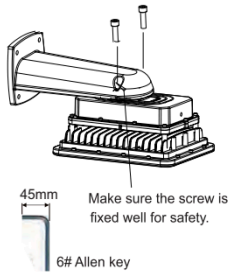
• Option 6: Pole Mounting (Non-vertical)



• Accessories



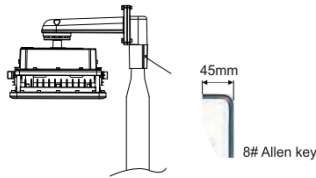
• Option 7: Stanchion Mounting on the Wall



• Accessory



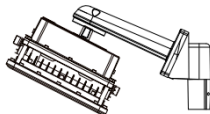
• Option 8: Stanchion Mounting on the Pole (90 Degree)



• Accessories



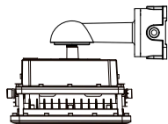
• Option 9: Stanchion Mounting on the Pole (25 Degree)



• Accessories



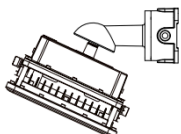
• Option 10: Wall Mounting with Junction Box (90 Degree)



• Accessory



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



• Accessory

