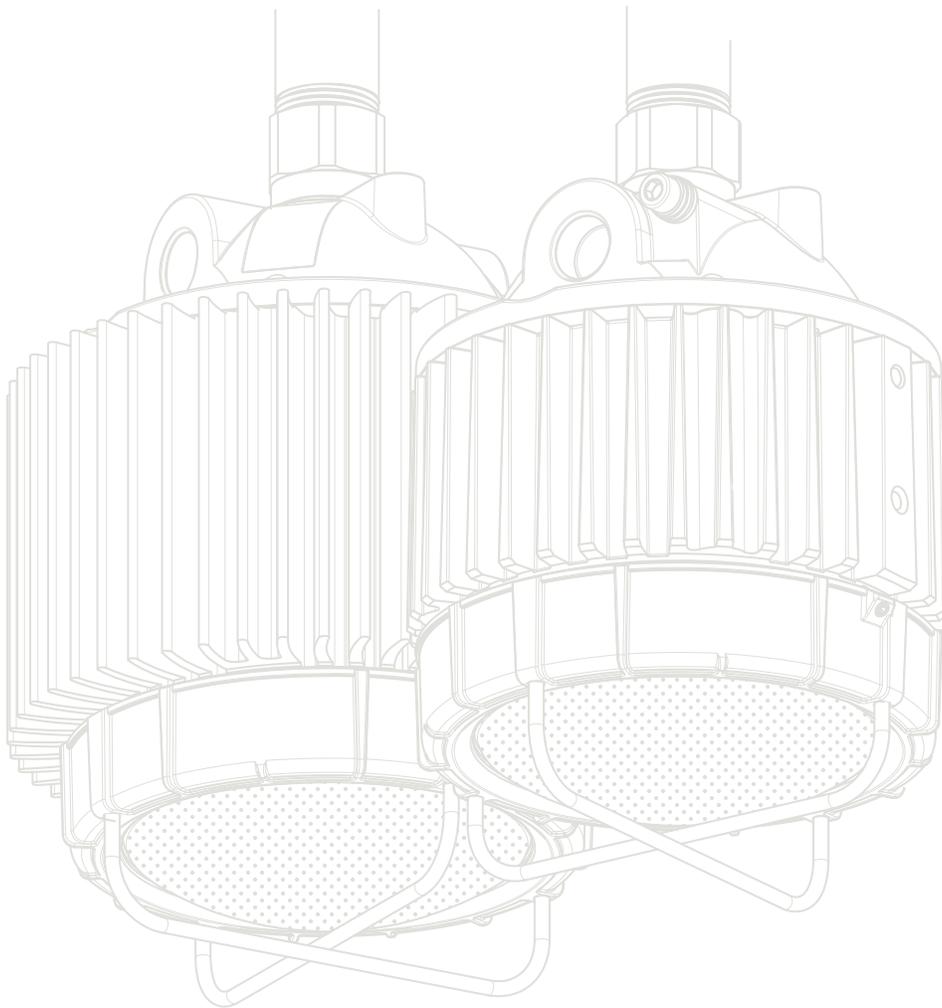


A R C U S

OPR-EX LED LUMINAIRES



OPPRY™ FOR EX



EXPLOSION PROOF 

OPPRY™ FOR HL



HAZARDOUS LOCATION 

OPPRY™ FOR IL



INDUSTRIAL LOCATION 

SPECIFICATION

MODEL WATTAGE	36 W	60 W
LUMEN OUTPUT	5200 LM*	8700 LM*
DIMENSIONS	8.17 X 5.72 IN (208 X 145 MM)	9.35 X 6.8 IN (238 X 173 MM)
NET FIXTURE WEIGHT	6,97 LB (3,2 KG)	10,67 LB (4,8 KG)
ENCLOSURE MATERIAL	Copper free aluminum alloy	
FINISH	Polyester powder coat finish	
HARDWARE AND MOUNTING	Marine grade stainless steel parts and screws	
CABLE GLANDS AND CONNECTORS	Classified for CID1 nickel plated brass adapter from M20 to 3/4" with 6 feet of wire	
LENS	Tempered clear borosilicate glass	
LIGHT SOURCE	Samsung LEDs R1	
COLOR RENDITION INDEX (CRI)	> 70	
INPUT POWER (+25°C)	36 W	60 W
FIXTURE EFFICIENCY	140 LPW	145 LPW
LED DRIVER	CUSTOM MADE 120-277 VAC/ 230-370 V DC	MEANWELL 90-295 VAC/ 127-417 V DC
LED DRIVER PROTECTION	SHORT CIRCUIT, OVER TEMPERATURE, OVER VOLTAGE	SHORT CIRCUIT, OVER TEMPERATURE
SURGE PROTECTION	1 KV	2 KV
POWER FACTOR	> 0.95	> 0.95 at 115 V
THD (total harmonic distortion)	<30%	<20%
INRUSH CURRENT	27 A	45 A
AMBIENT OPERATING TEMPERATURE	-40°C TO +55°C	-40°C TO +45°C
T-RATING FOR (+55°C)	T5 (+55°C), T6 (+50°C)	T6 (+45°C)
FIXTURE LIFE (+25°C)	70 000 HOURS	100 000 HOURS
FIXTURE LIFE (+55°C)	40 000 HOURS	50 000 HOURS (+45°C)
FIXTURE LIFE (+65°C)	N/A	N/A
WARRANTY	5 YEAR	5 YEAR

* - Measurement tolerance +/- 10%

ETL/cETL CERTIFIED TO:

UL 844 for Use in Hazardous (Classified) Locations
 UL 1598 Suitable for Wet Locations
 UL 1598A Marine Outside Type (Saltwater)
 CSA C22.2 No. 250.0
 CSA C22.2 No. 137
 IP66 rated per IEC 60598-1 |
 -40°C to +55°C

APPROVED FOR:

Class I Division 1 Groups C, D
 Class I Division 2 Groups A, B, C, D
 Class I Zone 2 Group IIB
 Class II Division 1 and 2 Groups E, F
 Class II Zone 20, 21, or 22 Group IIB
 Class III
 1Ex d IIC T5 | -40°C to +55°C

ARCUS OPR-EX LED BENEFITS:

- Instant on/no warm up
- Extreme compact size and weight
- Energy-efficient/up to 65% savings when compared to traditional HID lighting
- Up to 23 years (at 12 hrs a day) of light, eliminating bulb and ballast replacement maintenance
- Operating ambient -40°C to +55°C*
- 5 year warranty
- High CRI for improved visibility and clarity
- Damn near bullet proof

APPLICATION

- Low-Bay Lighting
- Explosion Proof
- Locations requiring continuous and consistent light levels in extreme heat or cold.
- Hazardous Storage
- Marine, Engine rooms
- Energy, Gas & Oil
- Manufacturing
- Wastewater



ORDERING INFORMATION: PART NUMBER EXAMPLE OPR-EX-SB-GM-RV-120-5K-36W-S

- 1 OPR
- 2 EX
- 3 SB
- 4 GM
- 5 RV
- 6 120
- 7 5K
- 8 36W
- 9 S

DETAILED INFORMATION

2 FAMILY NAME ENCLOSURE TYPE

- EX Explosion Proof Rated Body
- EXL Explosion Proof Extra-large Body

3 MOUNTING

- SB Swivel Bracket (Standard)
- PM Pendant Mount
- SAB Stanchion Mount 25°
- SSB Stanchion Mount 90°
- WAB Wall Mount 25°
- WMB Wall Mount 90°
- CMB Ceiling Mount
- EMB Eye-Bolt Mount
- SBB Swivel Bracket
- PMB Pendant Mount

4 REFLECTOR (LENS)

- GM Borosilicate glass and mesh guard

5 VOLTAGE

- RV 120-277 V AC, 50/60 Hz

6 SECONDARY OPTICS

- 120° Full Flood (No Optics - Standard)

7 COLOR TEMPERATURE

- 3K 3000 K
- 4K 4000 K
- 5K 5000 K

8 WATTAGE

- 36 W
- 60 W

9 BODY COLOR

- S Silver (Standard)

PROJECT INFORMATION

PROJECT NAME:

LOCATION:

DESCRIPTION:

CONTACT INFORMATION:

NAME:

E-MAIL:

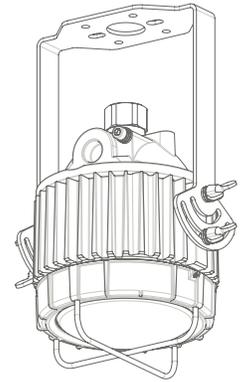
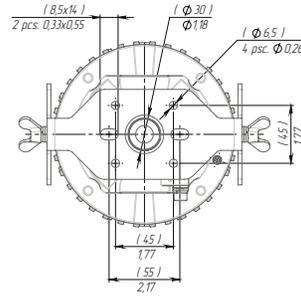
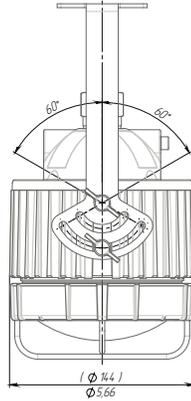
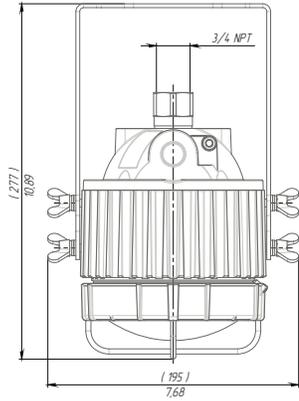
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DATE:

OPR-EX-SB 36W

SWIVEL BRACKET

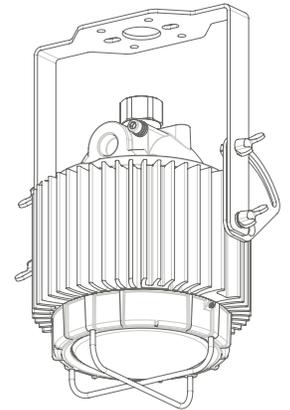
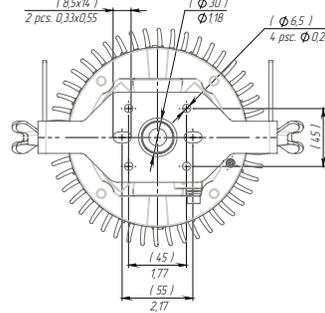
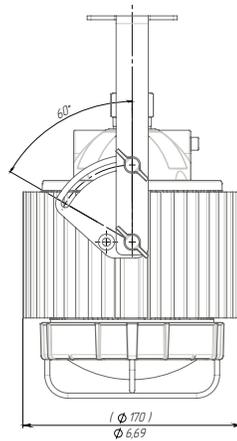
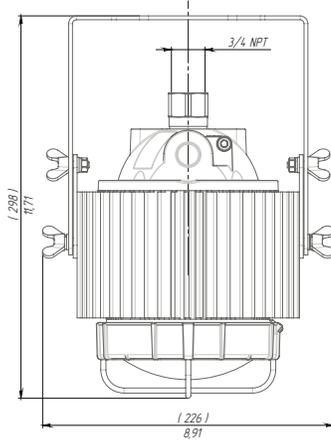
FIXTURE WEIGHT:
8,16 lb (3,7 kg)



OPR-EXL-SB 60W

SWIVEL BRACKET

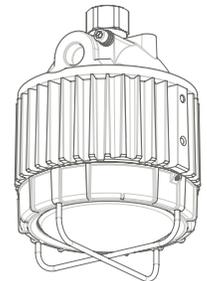
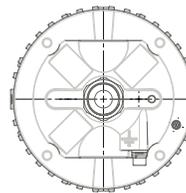
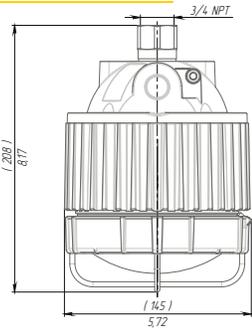
FIXTURE WEIGHT:
12,15 lb (5,5 kg)



OPR-EX-PM 36W

PENDANT MOUNT

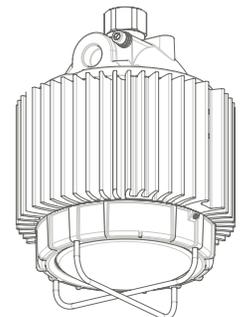
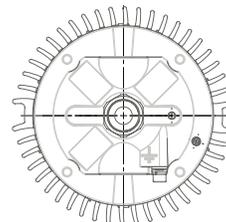
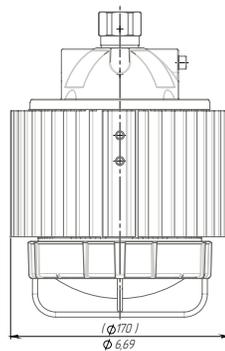
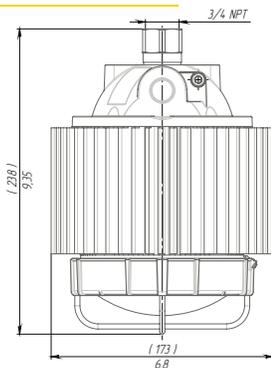
FIXTURE WEIGHT:
6,97 lb (3,2 kg)



OPR-EXL-PM 60W

PENDANT MOUNT

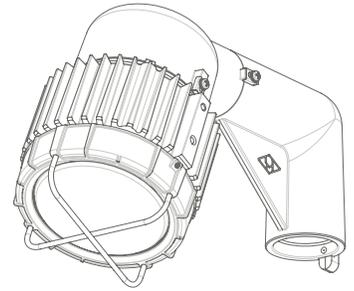
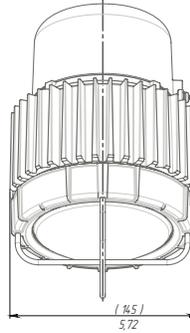
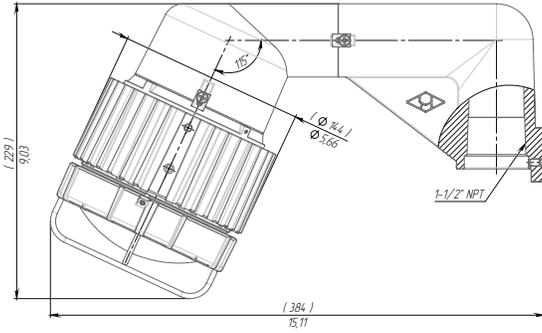
FIXTURE WEIGHT:
10,67 lb (4,9 kg)



OPR-EX-SAB 36W

STANCHION MOUNT 25°

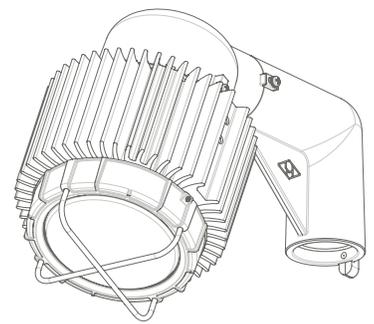
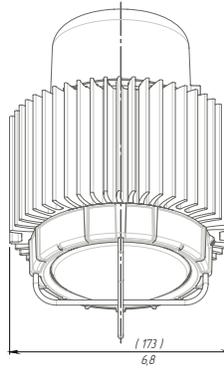
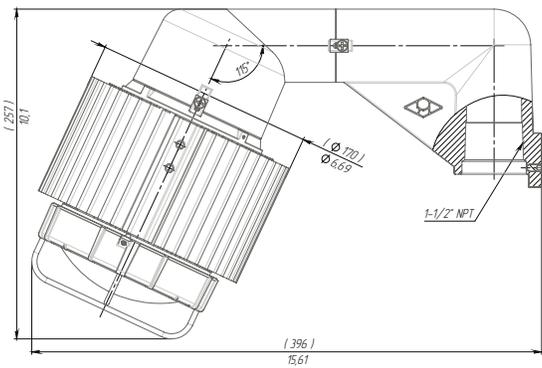
FIXTURE WEIGHT:
9,90 lb (4,5 kg)



OPR-EXL-SAB 60W

STANCHION MOUNT 25°

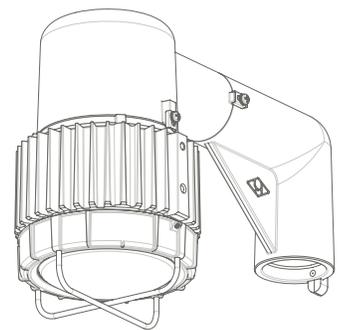
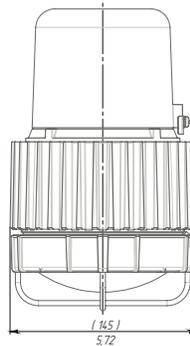
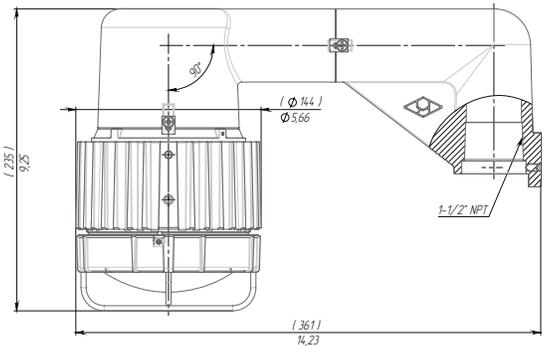
FIXTURE WEIGHT:
13,60 lb (6,2 kg)



OPR-EX-SSB 36W

STANCHION MOUNT 90°

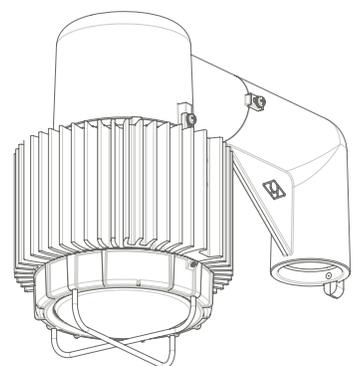
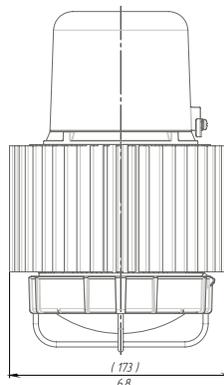
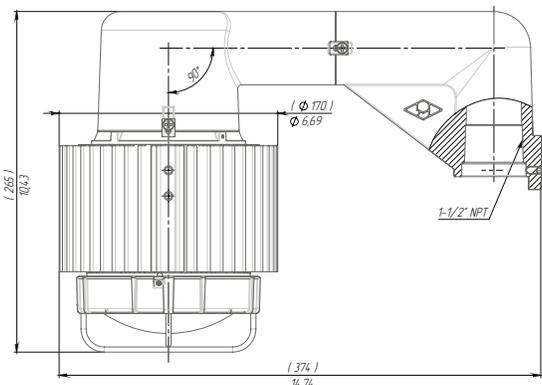
FIXTURE WEIGHT:
10,41 lb (4,7 kg)



OPR-EXL-SSB 60W

STANCHION MOUNT 90°

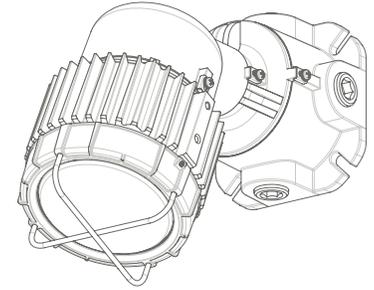
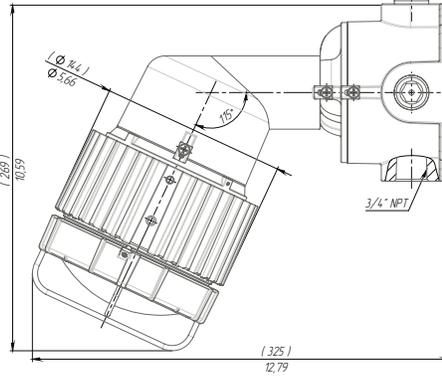
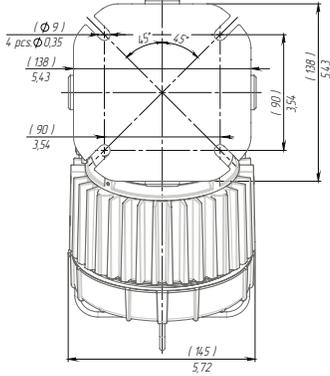
FIXTURE WEIGHT:
14,11 lb (6,4 kg)



OPR-EX-WAB 36W

WALL MOUNT 25°

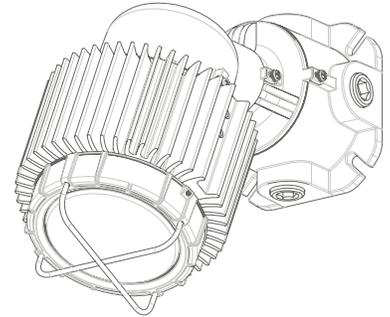
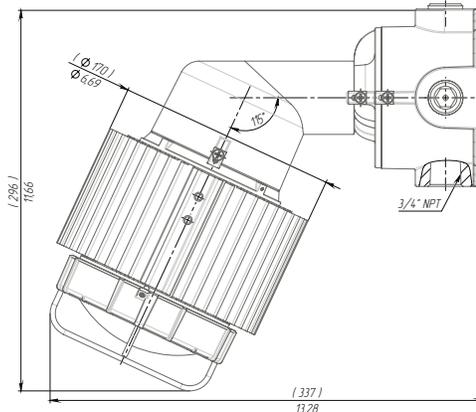
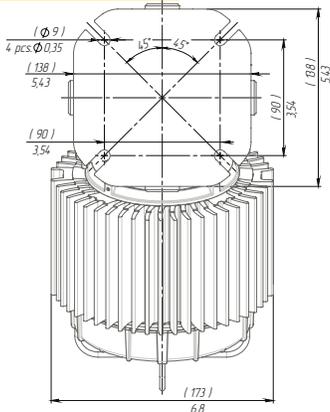
FIXTURE WEIGHT:
11,68 lb (5,3 kg)



OPR-EXL-WAB 60W

WALL MOUNT 25°

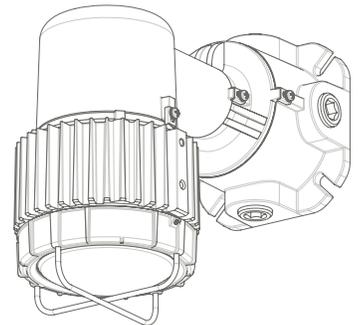
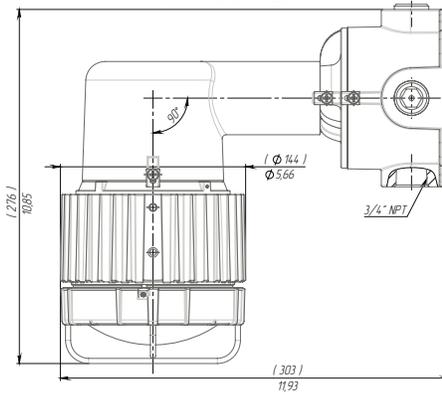
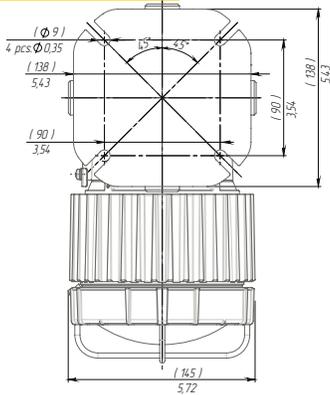
FIXTURE WEIGHT:
15,37 lb (7,0 kg)



OPR-EX-WMB 36W

WALL MOUNT 90°

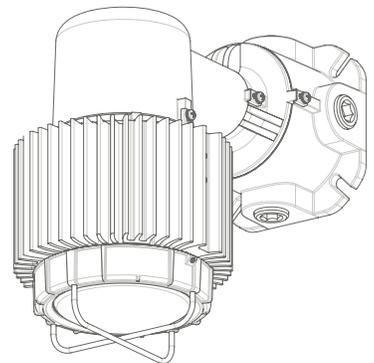
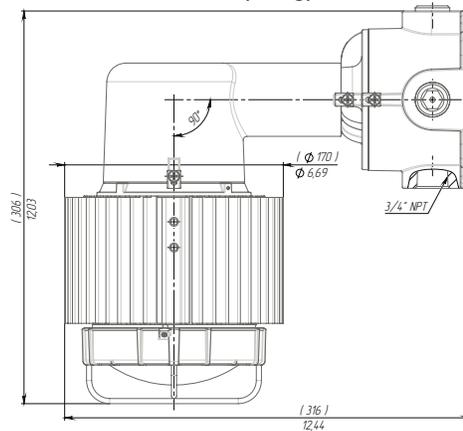
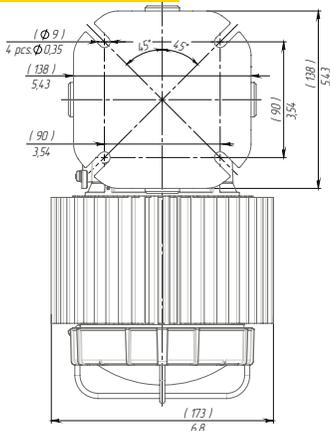
FIXTURE WEIGHT:
12,17 lb (5,5 kg)



OPR-EXL-WMB 60W

WALL MOUNT 90°

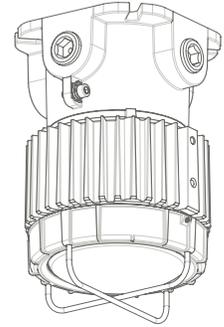
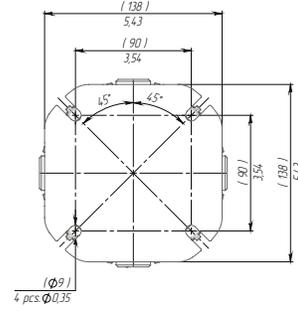
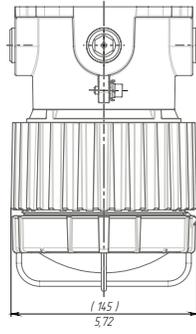
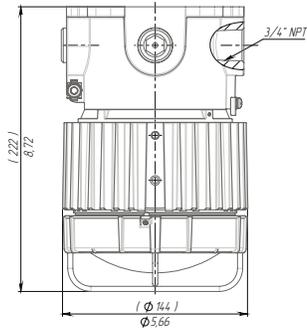
FIXTURE WEIGHT:
15,87 lb (7,2 kg)



OPR-EX-CMB 36W

CEILING MOUNT

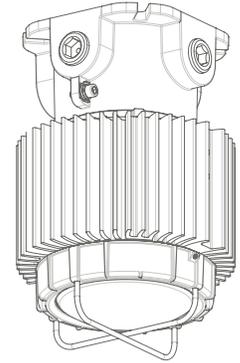
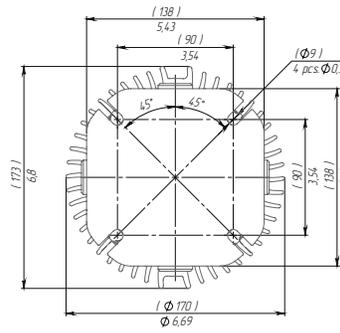
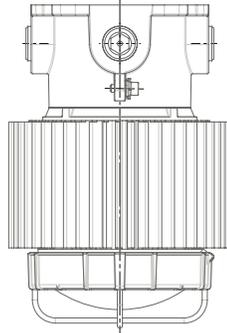
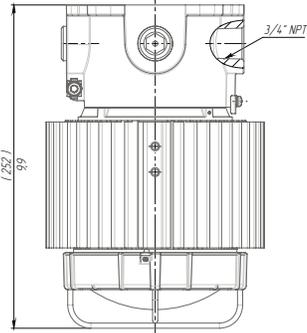
FIXTURE WEIGHT:
9,66 lb (4,4 kg)



OPR-EXL-CMB 60W

CEILING MOUNT

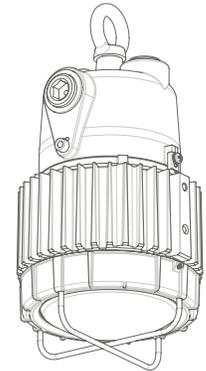
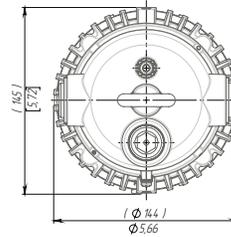
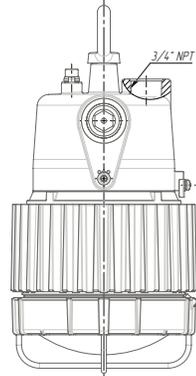
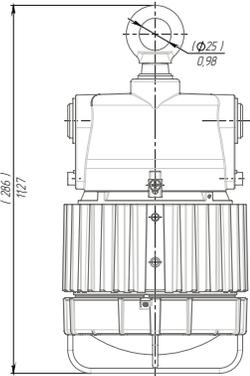
FIXTURE WEIGHT:
13,36 lb (6,1 kg)



OPR-EX-EMB 36W

EYE-BOLT MOUNT

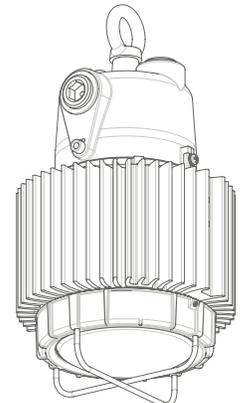
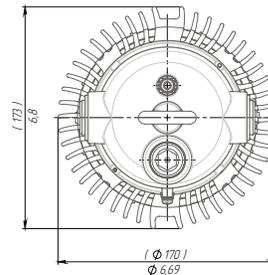
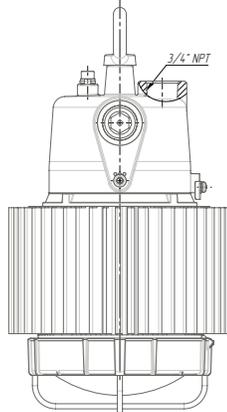
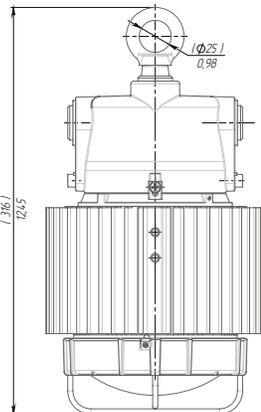
FIXTURE WEIGHT:
8,71 lb (4,0 kg)



OPR-EXL-EMB 60W

EYE-BOLT MOUNT

FIXTURE WEIGHT:
12,41 lb (5,7 kg)



 CONTACTS

(858) 353-1073

SALES@ARCUSLIGHT.COM

PO BOX 3097,
RANCHO SANTA FE, CA 92067