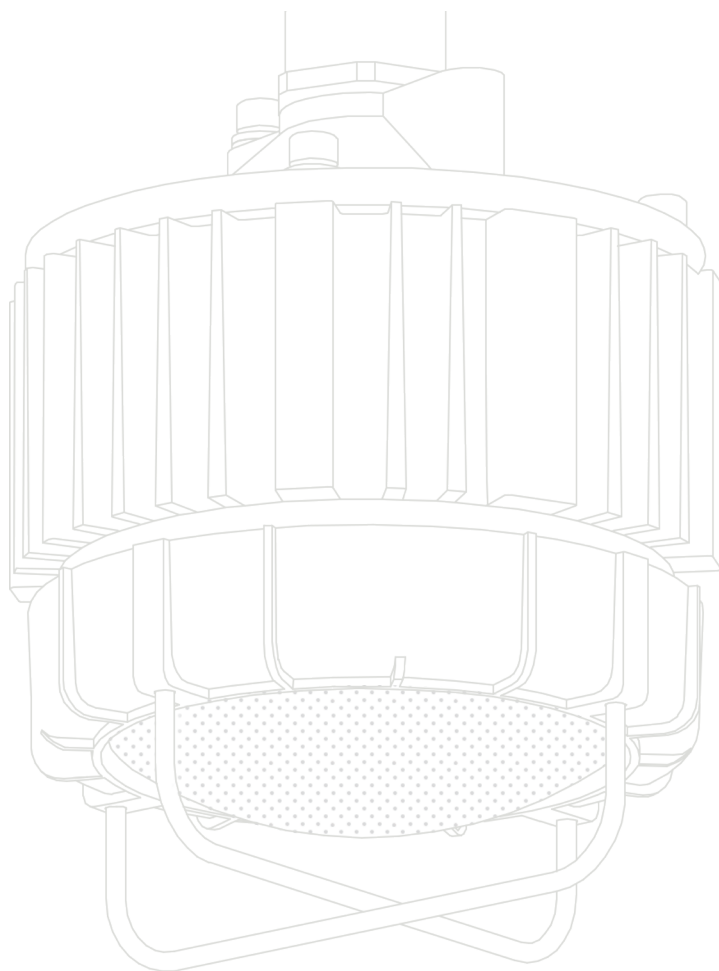


A R C U S

OPR-EX LED LUMINAIRES



OPPRY™ FOR EX



EXPLOSION PROOF


OPPRY™ FOR HL



HAZARDOUS LOCATION


OPPRY™ FOR IL



INDUSTRIAL LOCATION


SPECIFICATION

MODEL WATTAGE	36W	60W
LUMEN OUTPUT	5200 LM*	8700 LM*
DIMENSIONS	7.7 X 5.8 IN (196 X 147 MM)	9.1 X 7.0 IN (232 X 177 MM)
NET FIXTURE WEIGHT	5.3 LBS (2.4 KG)	9.25 LBS (4.2 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)	36W	60W
FIXTURE EFFICIENCY	140 LPW	145 LPW
LED DRIVER	CUSTOM MADE 120-277VAC/ 230-370VDC	MEANWELL 90-295 VAC/ 127-417VDC
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 115V
THD (total harmonic distortion)	<30%	<20%
INRUSH CURRENT	27A	45A
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

4 REFLECTOR (LENS)

GM Borosilicate glass and mesh guard

5 VOLTAGE

RV 120-277 VAC, 50/60 Hz

6 SECONDARY OPTICS

120° Full Flood (No Optics - Standard)

7 COLOR TEMPERATURE

3K 3000K

4K 4000K

5K 5000K

8 WATTAGE

36W

60W

9 BODY COLOR

S Silver (Standard)

PROJECT INFORMATION

PROJECT NAME:

LOCATION:

DESCRIPTION:

CONTACT INFORMATION:

NAME:

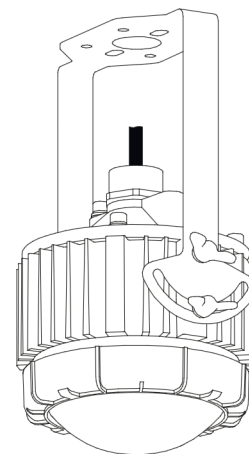
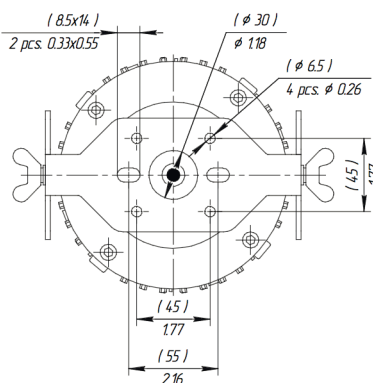
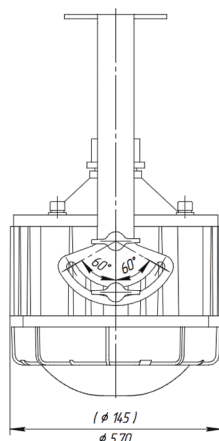
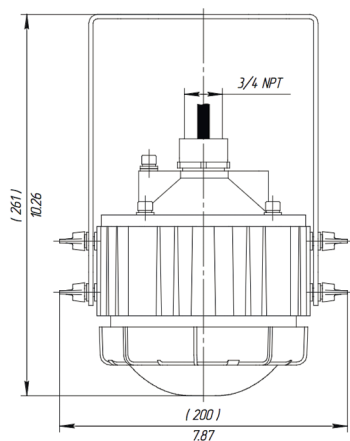
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PHONE:

DATE:

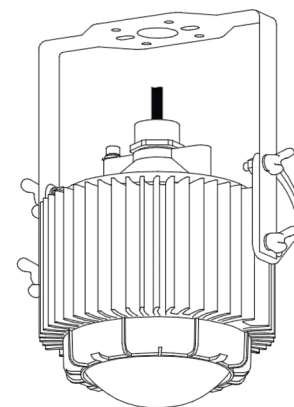
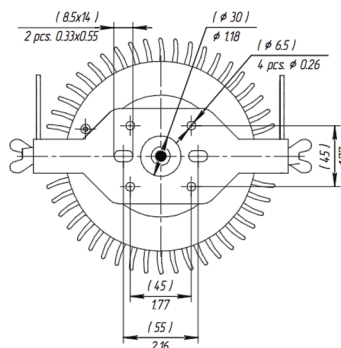
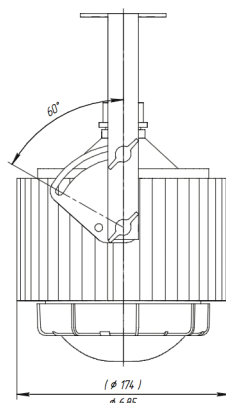
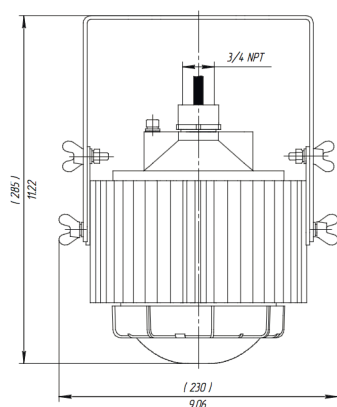
OPR-EX-SB 36W

FIXTURE WEIGHT:
6,34 lb (2,87 kg)



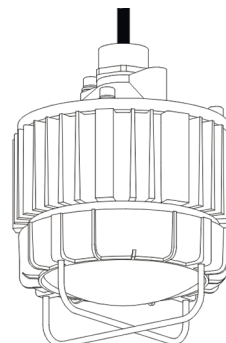
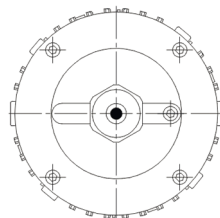
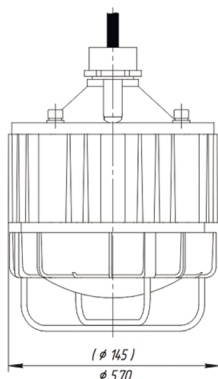
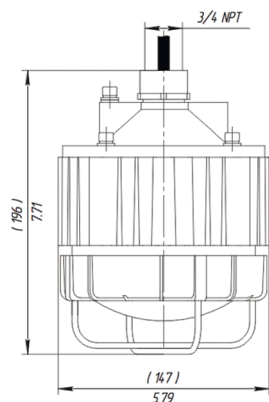
OPR-EXL-SB 60W

FIXTURE WEIGHT:
10,29 lb (4,67 kg)



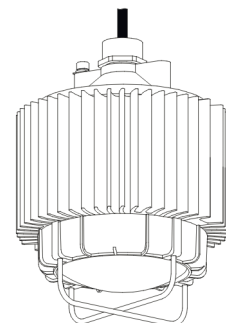
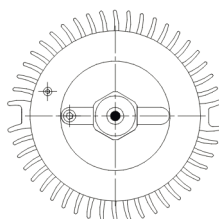
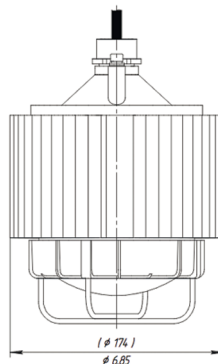
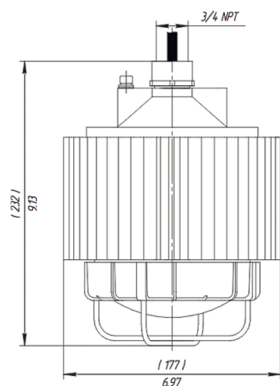
OPR-EX-PM 36W

FIXTURE WEIGHT:
5,3 lb (2,4 kg)



OPR-EXL-PM 60W

FIXTURE WEIGHT:
9,25 lb (4,2 kg)





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