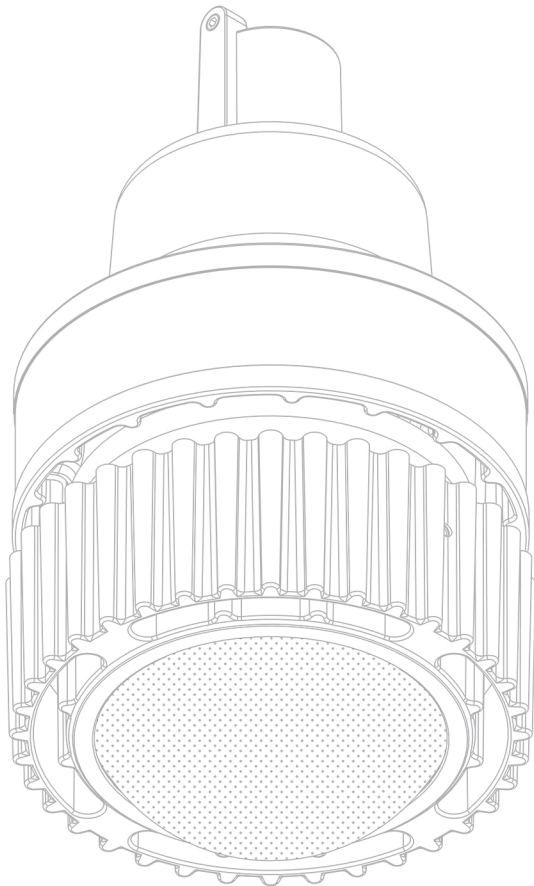
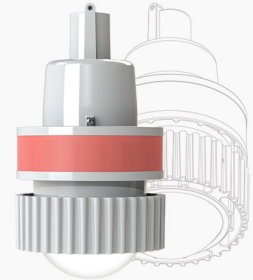


A R C U S

ROB-EX LED LUMINAIRES

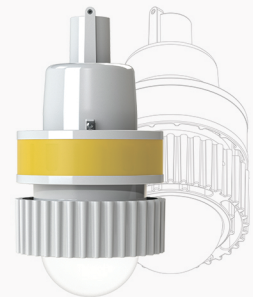


ROBUS™ FOR EX



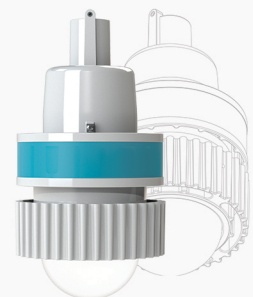
EXPLOSION PROOF 

ROBUS™ FOR HL



HAZARDOUS LOCATION 

ROBUS™ FOR IL



INDUSTRIAL LOCATION 

SPECIFICATION

MODEL WATTAGE	20 W	40 W	60 W
LUMEN OUTPUT	3400 lm (RV,HV)*	5600 lm (RV, HV)*	8300 lm (RV, HV)*
DIMENSIONS	Various (see drawings)		
NET FIXTURE WEIGHT (with PM mount)	10.47 lb / 4.75 kg	10.47 lb / 4.75 kg	12.35 lb / 5,6 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	Not included		
LENS	Borosilicate clear glass and mesh guard (optional)		
LIGHT SOURCE	OSRAM LEDs		
COLOR RENDITION INDEX (CRI)	> 70		
INPUT POWER (+25°C)	23 W (RV, HV)*	39 W (RV, HV)*	61 W (RV, HV)*
FIXTURE EFFICIENCY	147 LPW (RV, HV)*	143 LPW (RV, HV)*	136 LPW (RV, HV)*
LED DRIVER	INVENTRONICS 90-305 VAC ** INVENTRONICS 312-528 VAC **	INVENTRONICS 90-305 VAC ** INVENTRONICS 312-528 VAC **	INVENTRONICS 90-305 VAC ** INVENTRONICS 312-528 VAC **
LED DRIVER PROTECTION	Over Voltage, Short Circuit, Over Temperature, Overload		
SURGE PROTECTION	4 kV LINE-LINE (RV), 6 kV LINE-EARTH (RV)	4 kV LINE-LINE (RV), 6 kV LINE-EARTH (RV)	4 kV LINE-LINE (RV), 6 kV LINE-EARTH (RV)
POWER FACTOR	> 0.9	> 0.95	> 0.9
THD (total harmonic distortion)	< 15% (RV) < 20% (HV)	< 20%	< 15% (RV) < 20% (HV)
INRUSH CURRENT	11 A (RV) 52,2 A (HV)	29,9 A (RV) 52,2 A (HV)	32,2 A (RV) 104,4 A (HV)
AMBIENT OPERATING TEMPERATURE	-40 °C to +65 °C	-40 °C to +65 °C	-40 °C to +65 °C
T-RAITING FOR (+55°C)	T6	T6	T5
T-RAITING FOR (+65°C)	T6	T5	T5
FIXTURE LIFE (+25°C)	120 000 HOURS	120 000 HOURS	120 000 HOURS
FIXTURE LIFE (+45°C)	120 000 HOURS	120 000 HOURS (RV) 75 000 HOURS (HV)	100 000 HOURS (RV) 50 000 HOURS (HV)
FIXTURE LIFE (+55°C)	120 000 HOURS (RV) 60 000 HOURS (HV)	90 000 HOURS (RV) 45 000 HOURS (HV)	50 000 HOURS (RV) 30 000 HOURS (HV)
FIXTURE LIFE (+65°C)	65 000 HOURS (RV) 30 000 HOURS (HV)	45 000 HOURS (RV) 10 000 HOURS (HV)	20 000 HOURS (RV) N/A (HV)
WARRANTY (+55°C)	5 YEAR		

* - Measurement tolerance +/- 10%

** - with 0-10 VDC dimming

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
 IP67 rated per IEC 60598-1 | -40°C to +65°C

APPROVED FOR:

Class I Division 1 Groups C, D
 Class I Division 2 Groups A, B, C, D
 Class I Zone 2 Group IIC
 Class II Division 1 and 2 Groups E, F, G
 Class II Zone 20, 21, or 22 Group IIB
 Class III
 1Ex d IIC T5/T6 | -40°C to +65°C

ARCUS ROB-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 12hrs a day) of light, eliminating bulb and ballast replacement maintenance
- Operating ambient -40°C to +65°C
- 5 year warranty
- High CRI for improved visibility and clarity

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 ROB-EX-PM-GB-RV-T5-3K-20W-S



DETAILED INFORMATION

2 FAMILY NAME ENCLOSURE TYPE

EX Explosion Proof Rated Body

3 MOUNTING SOLUTIONS

- PM** Pendant Mount
- SA** Stanchion Mount 25°
- SS** Stanchion Mount 90°
- WA** Wall Mount 25°
- WM** Wall Mount 90°
- CM** Ceiling Mount
- SB** Swivel Bracket
- EM** Eye-Bolt Mount

4 REFLECTOR (LENS)

- GB** Borosilicate clear glass
- GBM** Borosilicate clear glass and mesh guard

5 VOLTAGE

- RV** 120-277 VAC, 50/60 Hz
- HV** 347-480 VAC, 50/60 Hz

6 SECONDARY OPTICS

- T5** Full Flood (No Optics - Standard)
- C5** Conical LED Platform

7 COLOR TEMPERATURE

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

8 WATTAGE

- 20 W**
- 40 W**
- 60 W**

9 BODY COLOR

- S** Silver (Standard)

PROJECT INFORMATION

PROJECT NAME:

LOCATION:

DESCRIPTION:

CONTACT INFORMATION:

NAME: E-MAIL:

PHONE: DATE:

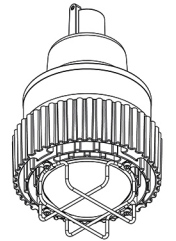
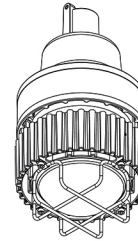
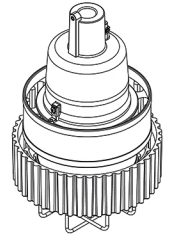
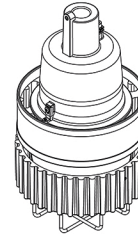
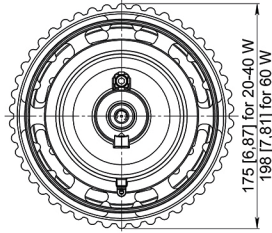
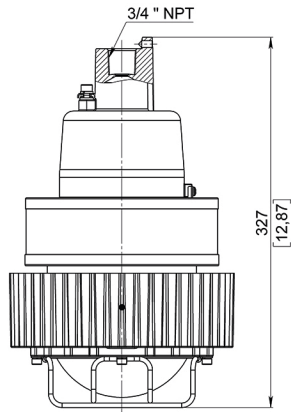
ROB-EX-PM-20-40W/60W

PENDANT MOUNT

FIXTURE WEIGHT:
10,47 lb (4,75 kg) / 12,35 lb (5,6 kg)

20-40 W

60 W



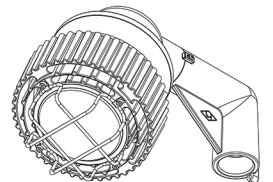
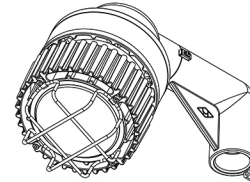
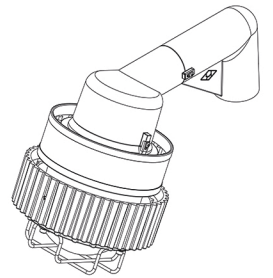
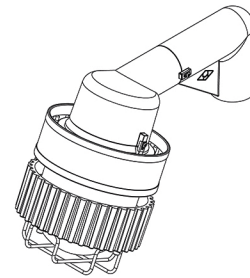
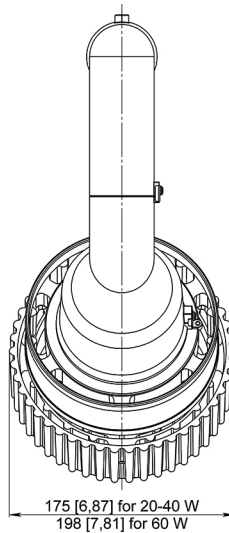
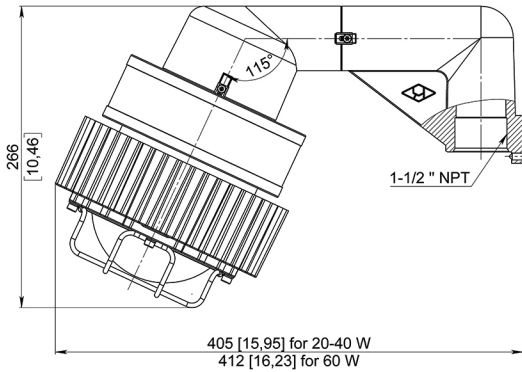
ROB-EX-SA-20-40W/60W

STANCHION MOUNT 25°

FIXTURE WEIGHT:
12,04 lb (5,46 kg) / 13,91 lb (6,31 kg)

20-40 W

60 W



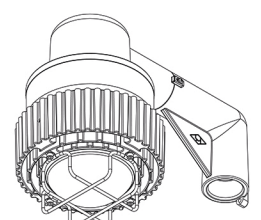
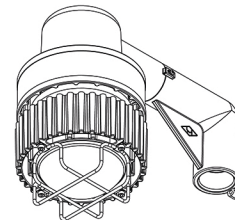
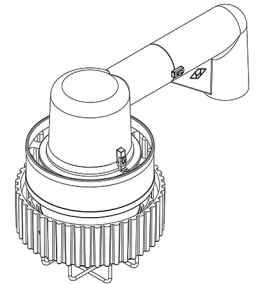
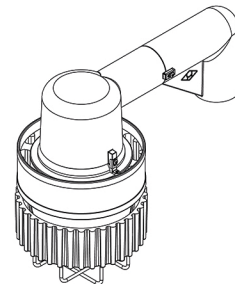
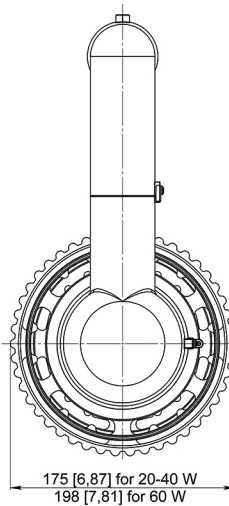
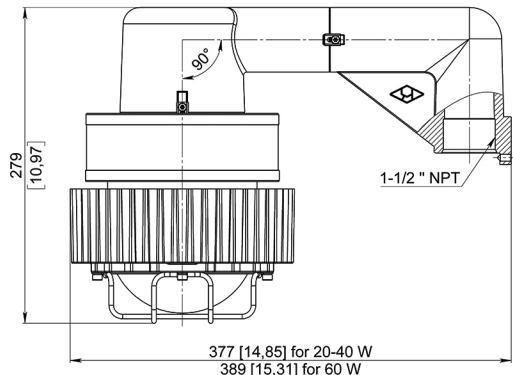
ROB-EX-SS-20-40W/60W

STANCHION MOUNT 90°

FIXTURE WEIGHT:
12,54 lb (5,69 kg) / 14,42 lb (6,54 kg)

20-40 W

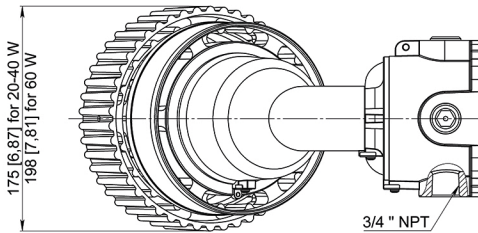
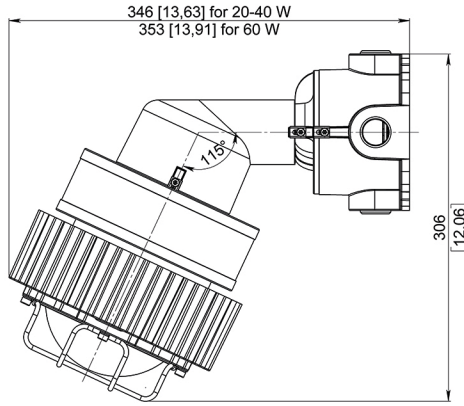
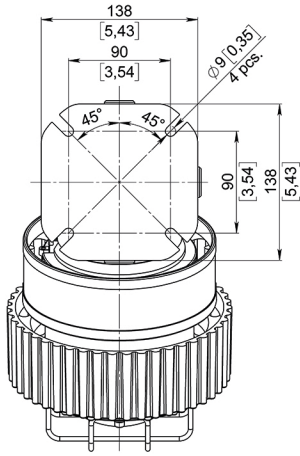
60 W



ROB-EX-WA-20-40W/60W

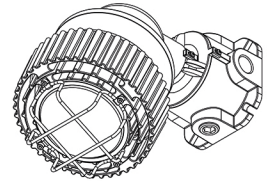
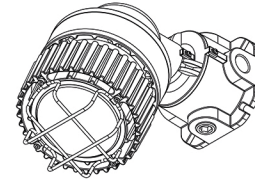
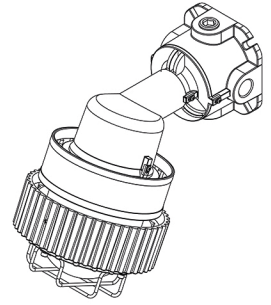
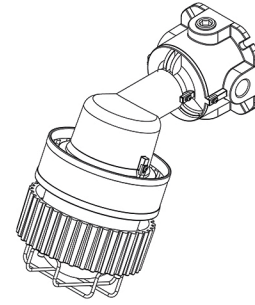
FIXTURE WEIGHT:
13,49 lb (6,12 kg) / 15,37 lb (6,97 kg)

WALL MOUNT 25°



20-40 W

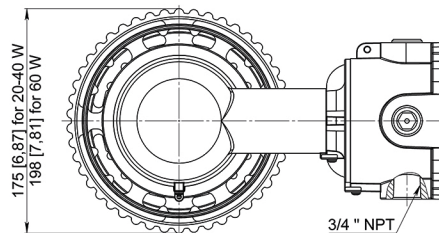
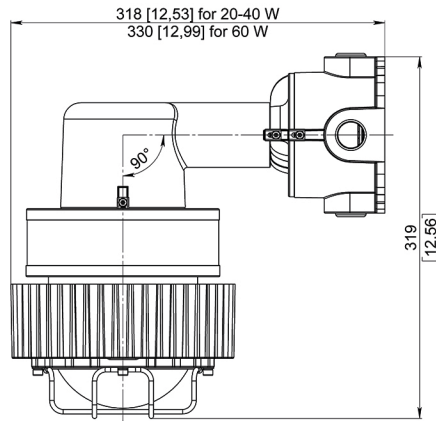
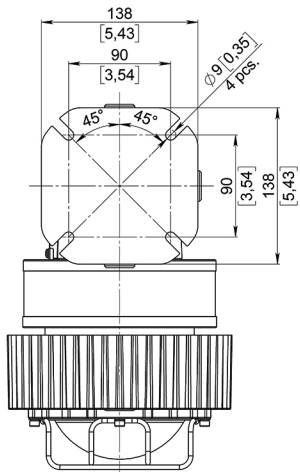
60 W



ROB-EX-WM-20-40W/60W

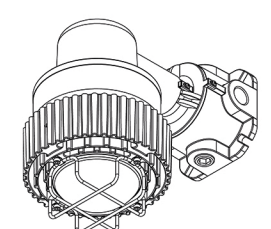
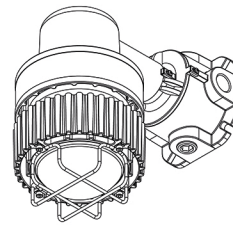
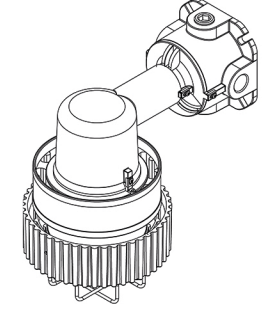
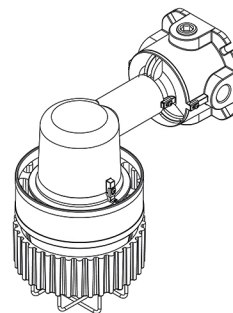
FIXTURE WEIGHT:
14,0 lb (6,35 kg) / 15,87 lb (7,2 kg)

WALL MOUNT 90°



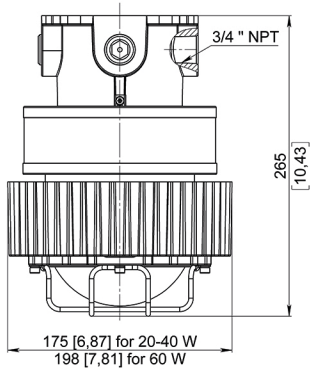
20-40 W

60 W

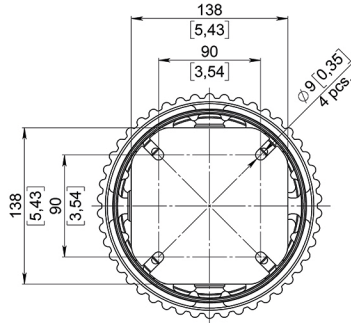


ROB-EX-CM-20-40W/60W

CEILING MOUNT

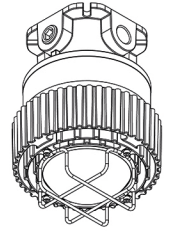
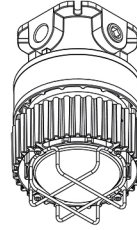
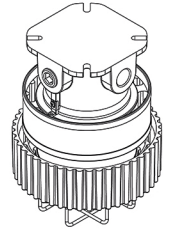
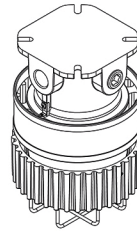


FIXTURE WEIGHT:
11,51 lb (5,22 kg) / 13,38 lb (6,07 kg)



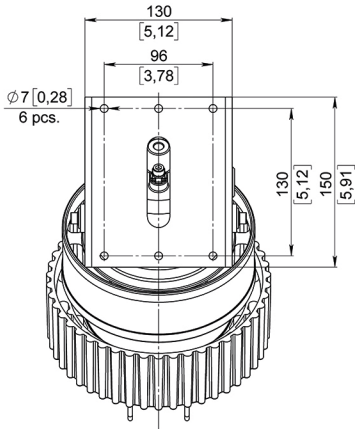
20-40 W

60 W

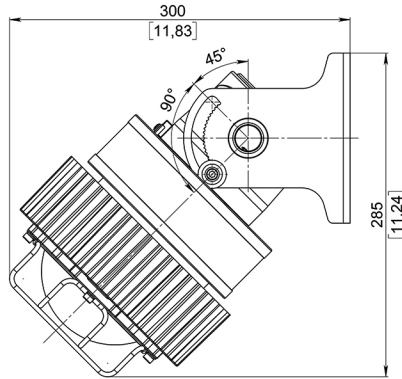


ROB-EX-SB-20-40W/60W

SWIVEL BRACKET

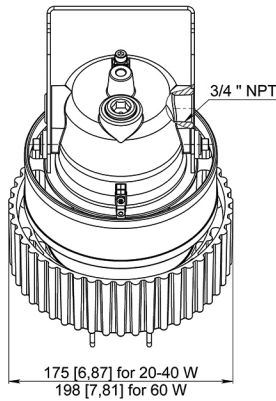
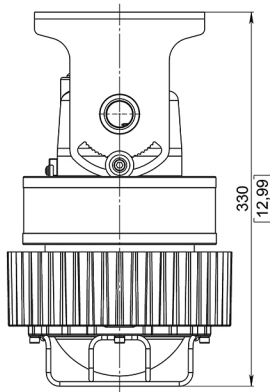
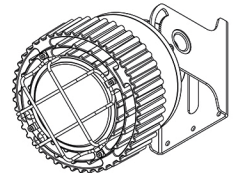
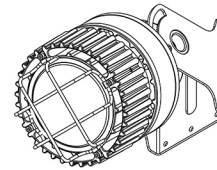
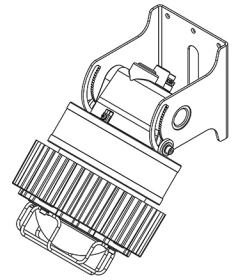
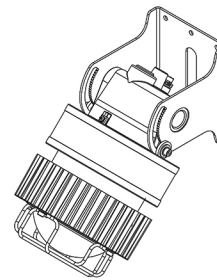


FIXTURE WEIGHT:
12,61 lb (5,72 kg) / 14,48 lb (6,57 kg)



20-40 W

60 W



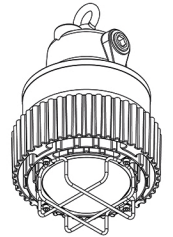
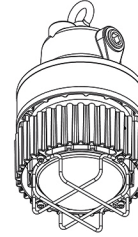
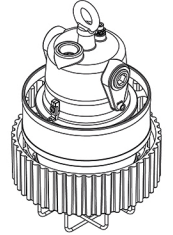
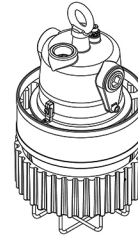
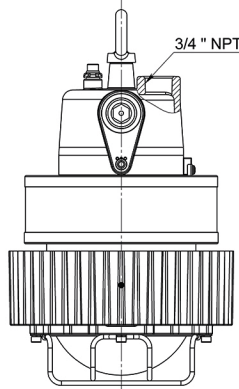
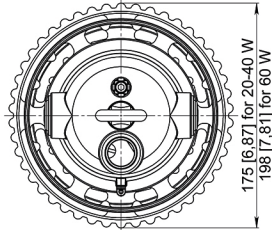
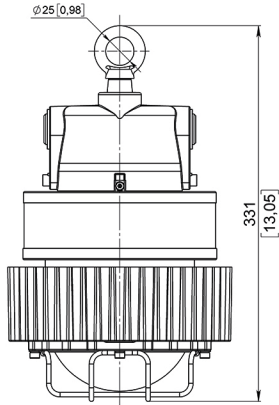
ROB-EX-EM-20-40W/60W

EYE-BOLT MOUNT

FIXTURE WEIGHT:
10,54 lb (4,78 kg) / 12,41 lb (5,63 kg)

20-40 W

60 W



 **CONTACTS**

(858) 353-1073

SALES@ARCUSLIGHT.COM

10457 ROSELLE STREET
SAN DIEGO, CA 92121