

SPARTAN SPZ-MR

Hazardous Location LED MR Bay Light



Key Features

- Designed for Hazardous Locations
- Available with multiple distribution patterns
- Thermally managed for maximum longevity
- -40 to +55°C operating range
- Triple layer powder coating to weather extreme environments
- Vented enclosure ensures long-term reliability
- 0-10V Dimming 1%-100%
- Extreme vibration resistance
- Versatile mounting: surface, suspension, wallpack, hook, pole, yoke, and direct conduit mounting
- Approved for through-wiring of multiple units on a single circuit
- UL marine approval, outside type (saltwater)

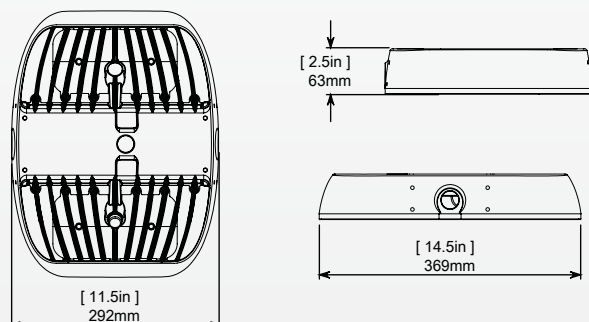


Technical Specifications / Maximum Ratings

HOUSING	Die-cast Aluminium with Polycarbonate Lens
MOUNTING	SEE PAGE 3 FOR MOUNTING OPTIONS
INPUT VOLTAGE	AC: 120-277VAC (50/60 Hz) HV: 347VAC±10%VAC (50/60 Hz)
POWER (TYP)	MR3: 29 W MR6: 58 W
CURRENT (TYP)	MR3: AC - 0.25A@120 VAC HV - 0.10A@347 VAC MR6: AC - 0.50A@120 VAC HV - 0.20A@347 VAC
CONNECTIONS	3/4" NPT
TEMPERATURE RANGE	-40°C to +55°C (Case ~20°C above ambient)
CERTIFICATIONS	Certified to UL 844, UL 1598, UL 1598A & UL 8750; CSA C22.2 No. 137, CSA C22.2 No. 250.0 & CSA C22.2 No. 250.13; Class I, Division 2, Groups ABCD, T4; Class II, Division 2, Groups FG, T4A; Class III; Class I, Zone 2, Groups IIC; Zone 22
INGRESS PROTECTION	IP66/67 Suitable for wet locations
COLOUR TEMP RANGE	50: 5000K Special Order: 2700-6500K SEE PAGE 4 FOR DETAILS
CRI VALUE (MIN)	50: 70
TOTAL LUMENS	SEE PAGE 2 FOR DETAILS
LUMEN MAINTENANCE	LM-80 > 60,000 hrs
WEIGHT	4.6 kg 10.4 lbs

* The ambient temperature during lifetime, lumen and chromaticity determination is 25°C ± 1°C

Dimensions

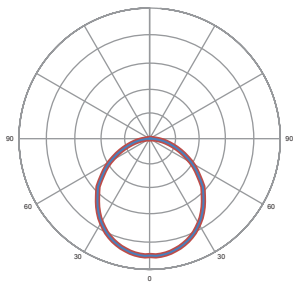


Warranty

Five (5) year limited warranty to the original purchaser. The warranty covers defects in materials and workmanship under normal use and service.

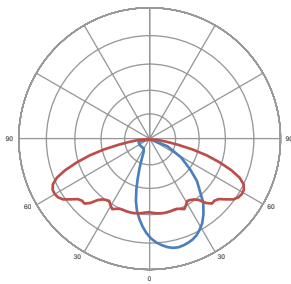
Please contact Raytec for more information.

Optic Options



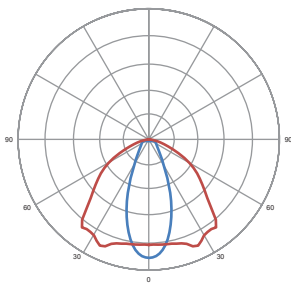
WC - Wide Beam (no optic)

LUMEN OUTPUT (50)	
MR3	3393
MR6	6283



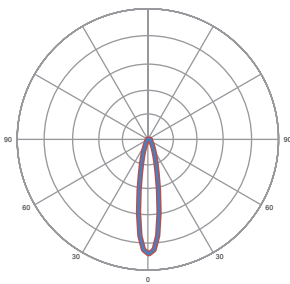
T2 - IESNA Type 2

LUMEN OUTPUT (50)	
MR3	2980
MR6	5520



OC - Oval 26° x 108°

LUMEN OUTPUT (50)	
MR3	3290
MR6	6090

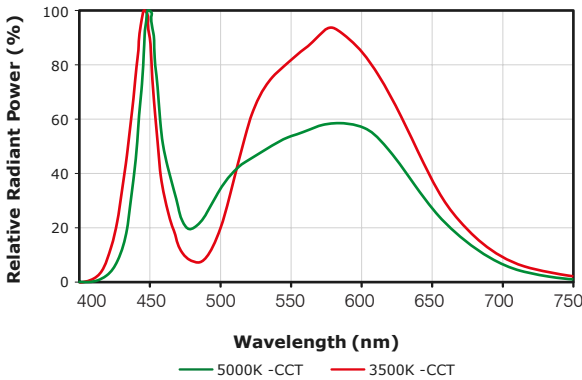


SC - Spot 18°

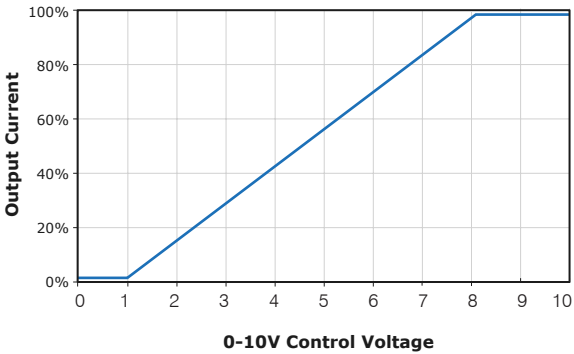
LUMEN OUTPUT (50)	
MR3	3380
MR6	6265

Note: Standard offering above, 13 alternate optical profiles available upon request.
Contact Raytec for further details. Minimum order quantities, additional costs and lead times may incur.

Photometrics



Dimming

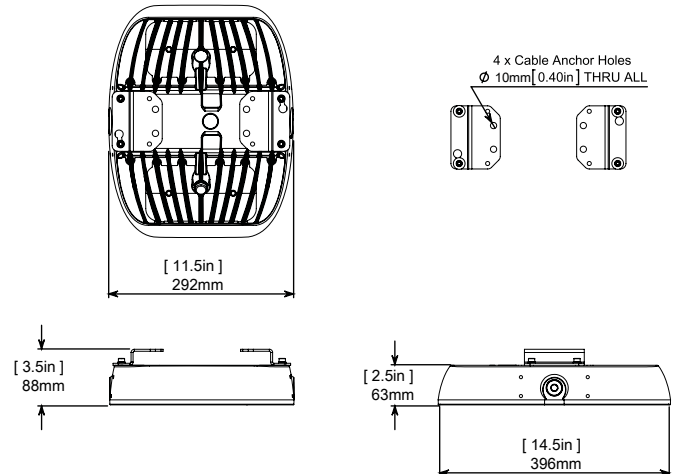
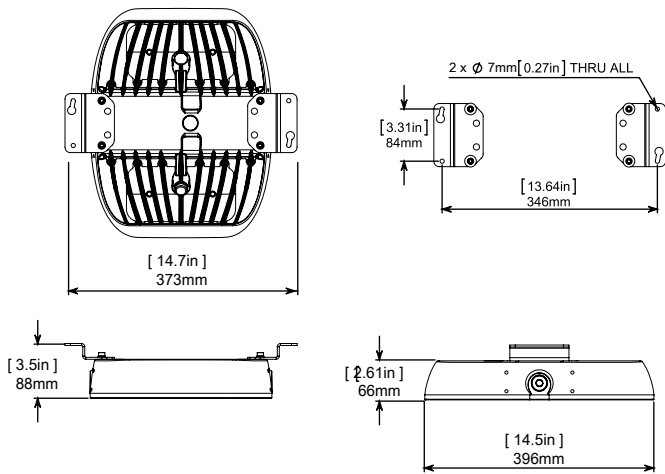


- Driver will source a maximum of 200uA for control needs
- Controller must sink current from the 0-10V control leads

Mounting Options (Ordered Separately)

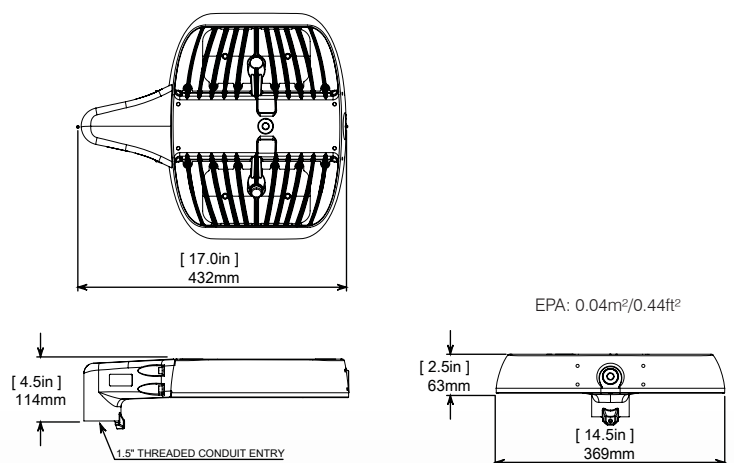
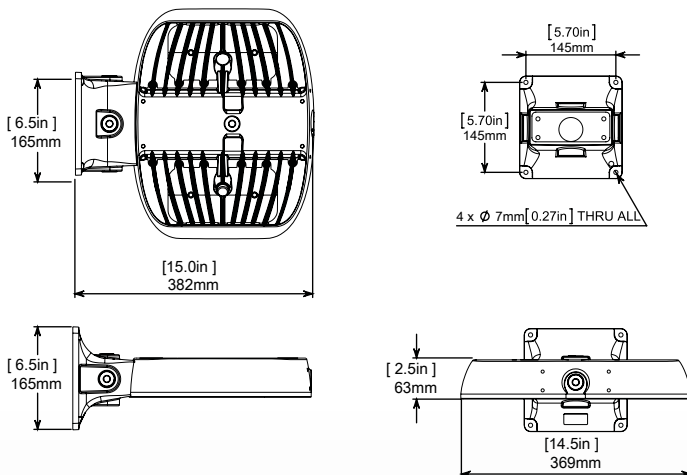
SURFACE MOUNT (SPX-BKT-MR-SM-GY): 5.3 kg | 11.7 lbs

SUSPENDED MOUNT (SPX-BKT-MR-SM-GY): 5.3 kg | 11.7 lbs



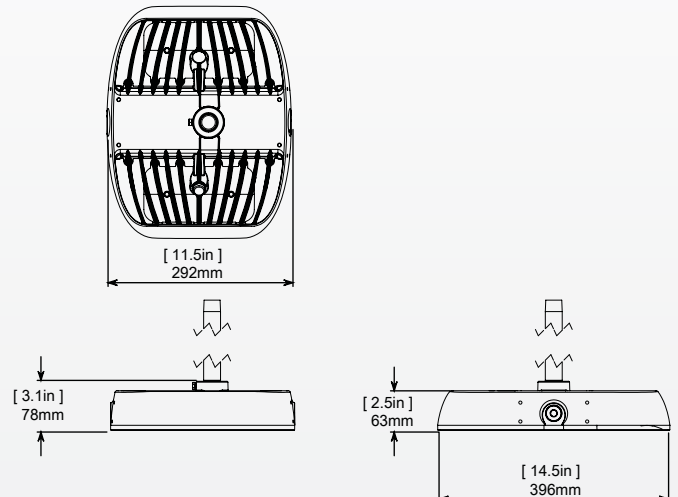
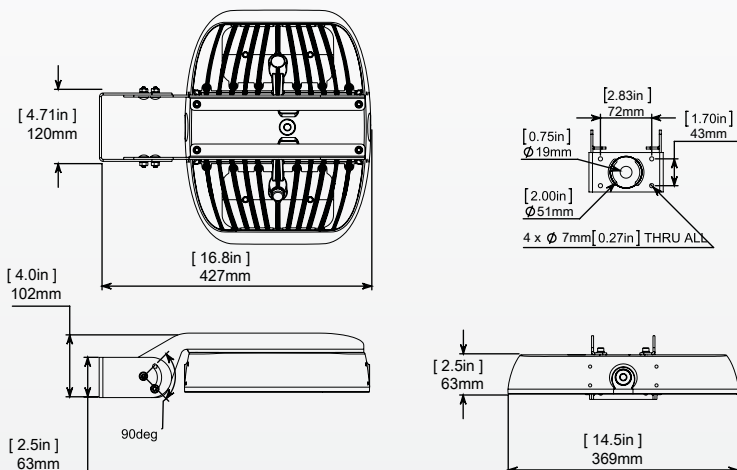
WALL PACK MOUNT (SPX-BKT-MR-WM) : 6.8 kg | 15.0 lbs

POLE MOUNT (SPX-BKT-MR-PM) : 5.64 kg | 12.4 lbs



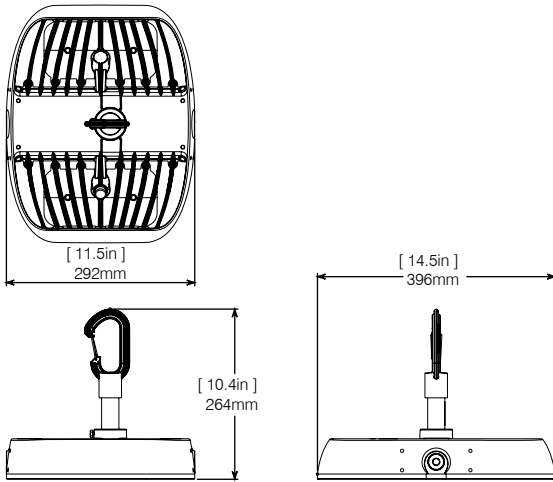
YOKE MOUNT (SPX-BKT-MR-YM) : 6.3kg | 13.9lbs

CONDUIT CONNECTION (SPX-BKT-MR-CC) : 5.3 kg | 11.7 lbs

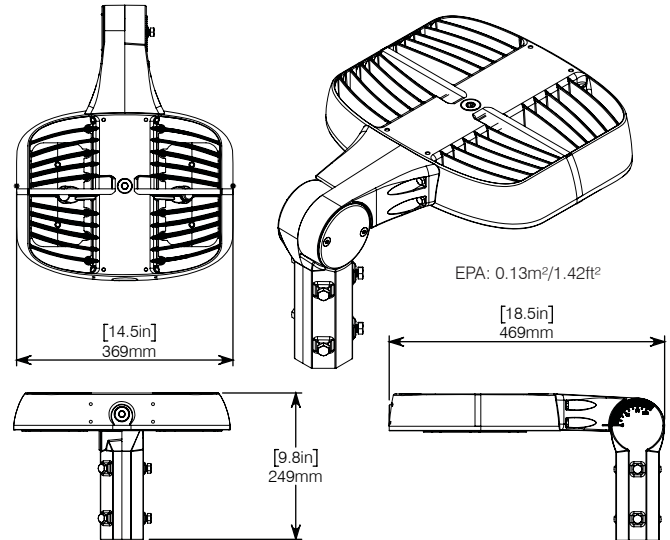


Mounting Options (Ordered Separately)

HOOK PENDANT MOUNT (SPX-BKT-MR-HK) :
4.9 kg | 10.8 lbs

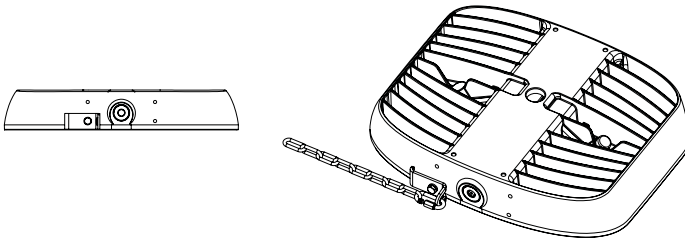


SLIP FITTER YOKE MOUNT (SPX-BKT-MR-SFY) :
6.55 kg | 14.7 lbs



Stepped to accept either 1.5" Trade size (1-13/16" [46mm] to 2" [50mm] OD) & 2" Trade size (2-1/8" [53mm] to 2-7/16" [63mm])

SECONDARY SAFETY (SPX-BKT-MR-SK-##)



Product Code Builder

Example Order Reference: SPZ-MR3-50-WF-GY-HZ-AC

Classification*	Model	Colour Temp*	Optics*	Finish*	Location	Power
SPZ	MR3	50 – 5000K	WF – Wide Beam (no optic)	GY - Grey	HZ – Hazardous Location	AC – 120-277VAC
	MR6		T2F – IESNA Type 2			HV – 347-480VAC
			OF – Oval 26° x 108°			
			SF – Spot 18°			

*Industrial variants available

*Other options available

*Other options available

*Custom available

Accessories (Sold Separately)

Accessory	Part Number
Surface Mount	SPX-BKT-MR-SM-GY
Wall Mount	SPX-BKT-MR-WM-GY
Pole Mount	SPX-BKT-MR-PM-GY
Hook Pendant Mount	SPX-BKT-MR-HK-GY
Conduit Connection	SPX-BKT-MR-CC-GY
Yoke Mount	SPX-BKT-MR-YM-GY
Slip Fitter Yoke Mount	SPX-BKT-MR-SFY-GY
Secondary Safety Kit	SPX-BKT-MR-SK-##-GY

Bespoke colour options available, contact Raytec.

NOTES:

1. Minimum order quantities, additional costs and lead times may apply.
2. Surface mount & Yoke mount only available in stainless steel finish.
3. IDA Fixture Seal of Approval only applies to fixtures with a CCT of 3000K or less, and have fixed mounts aiming the fixture perpendicular to the ground.
4. ## represents the safety chain length in feet (i.e. 05=5', 10=10').
Secondary Safety Kit contains bracket, stainless steel chain (1/8 trade size), and two stainless steel oval threaded connecting links