

SPARTAN SPZ-XR

Industrial LED XR Bay Light



Key Features

- Suitable for Marine locations: certified to UL 1598A, Marine-grade copper-free aluminum construction with stainless steel mounting hardware
- Configurable total light output from 8000 to 20000 lumens
- Available with 12 possible optical beam profiles to meet almost any lighting distribution needed
- Two-layer TIGER-Shield® coatings for excellent corrosion resistance in Marine environments; corrosion protective primer and AAMA 2604 compliant topcoat
- Approved for through-wiring of multiple luminaires on a single circuit
- DLC v4.4 Listed high efficiency and performance. Qualifies for rebates and incentive programs in some areas *Pending*
- 0-10V Dimming

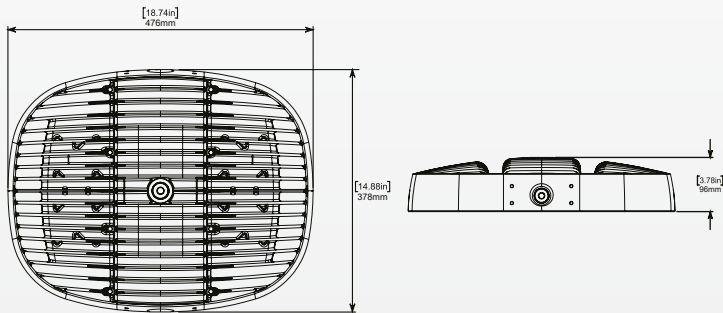


Technical Specifications / Maximum Ratings

HOUSING	Copper-free Aluminium, PC and PMMA Optics
MOUNTING	SEE PAGES 2-3 FOR OPTIONS
INPUT VOLTAGE	AC: 120-277VAC HV: 347-480VAC (50/60Hz)
POWER (TYP)	XR8: WC Flood 47W Optic 60W XR10: WC Flood 55W, Optic 75W XR15: WC Flood 84W, Optic 103W XR20: WC Flood 141W, Optic 156W
CONNECTIONS	3x 3/4" NPT
TEMPERATURE RANGE	XR8: -50°C to +75°C XR10: -50°C to +74°C XR15: -50°C to +74°C XR20: -50°C to +67°C (Case ~30°C above ambient)
CERTIFICATIONS	Certified to UL 1598 / CSA C22.2 No. 250.0-08, UL 1598A, UL 8750 / CSA C22.2 No. 250.13-17
INGRESS PROTECTION	IP66 Suitable for wet locations. Marine Outside type (Salt water).
COLOUR TEMP RANGE	50: 5000K Special Order: 2700-6500K
CRI VALUE (MIN)	50: 70
TOTAL LUMENS	SEE CHART ON PAGE 2
LUMEN MAINTENANCE	LM-80 > 100,000 hrs (Based on CREE long term testing)
WEIGHT	8.1 kg 17.8 lbs

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

Dimensions

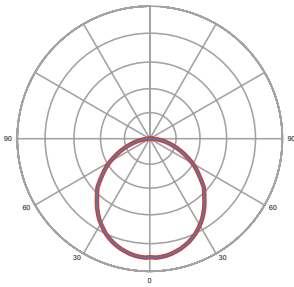


Warranty

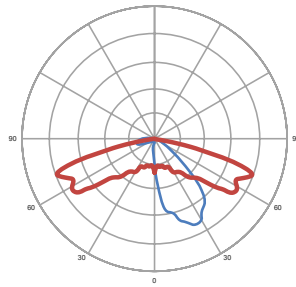
Five (5) year limited warranty to the original purchaser. The warranty covers defects in materials and workmanship under normal use and service.

Please contact Raytec for more information.

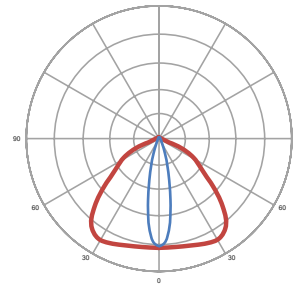
Optic Options



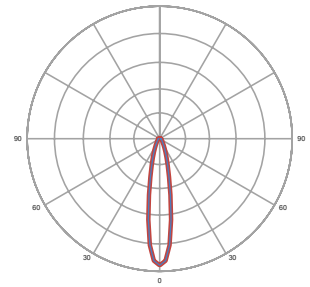
WC - Wide Beam (no optics)



T3 - IESNA Type 3



OC - Oval 30° x 115°



SC - Spot 20°

AC MODELS (5000K CCT, minimum 70CRI)

MODEL	LUMENS	WATTS	LUMENS/WATT
XR8	7093	47	151
XR10	8267	55	150
XR15	12866	84	153
XR20	20550	143	144

MODEL	LUMENS	WATTS	LUMENS/WATT
XR8	7790	60	130
XR10	9540	75	127
XR15	12839	103	125
XR20	18036	156	116

MODEL	LUMENS	WATTS	LUMENS/WATT
XR8	7098	60	118
XR10	8692	75	116
XR15	11697	103	114
XR20	16433	156	105

MODEL	LUMENS	WATTS	LUMENS/WATT
XR8	7704	60	128
XR10	9434	75	126
XR15	12696	103	123
XR20	17836	156	114

HV MODELS (5000K CCT, minimum 70CRI)

MODEL	LUMENS	WATTS	LUMENS/WATT
XR8	7093	49	145
XR10	8267	58	143
XR15	12866	91	141
XR20	20550	148	139

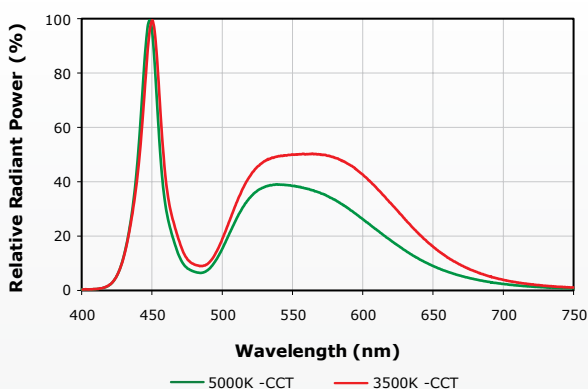
MODEL	LUMENS	WATTS	LUMENS/WATT
XR8	7790	64	122
XR10	9540	77	124
XR15	12839	107	120
XR20	18036	160	113

MODEL	LUMENS	WATTS	LUMENS/WATT
XR8	7098	64	111
XR10	8692	77	113
XR15	11697	107	109
XR20	16433	160	103

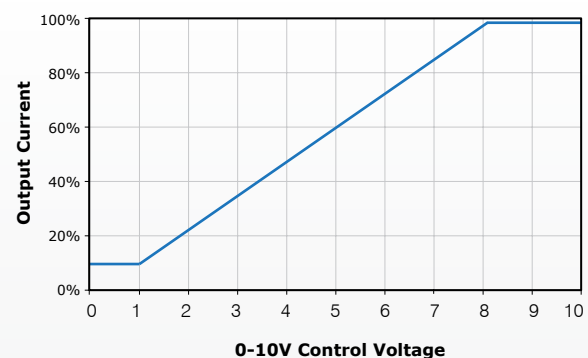
MODEL	LUMENS	WATTS	LUMENS/WATT
XR8	7704	64	120
XR10	9434	77	123
XR15	12696	107	119
XR20	17836	160	111

Note: Standard offering above, 16 alternate optical profiles available upon request.
Contact Raytec for further details. Minimum order quantities, additional costs and lead times may incur.

Photometrics



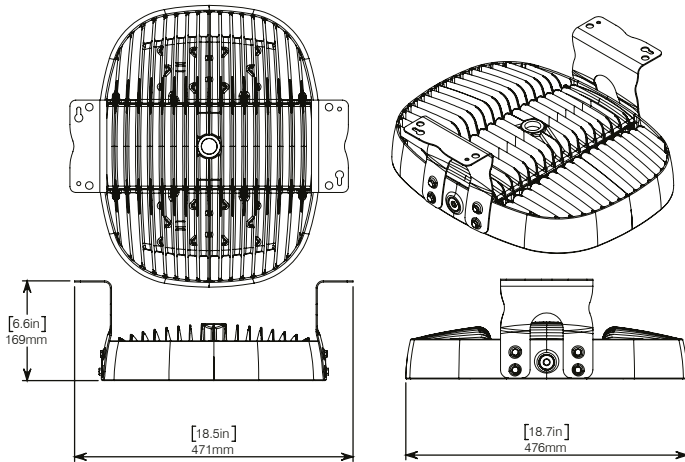
Dimming



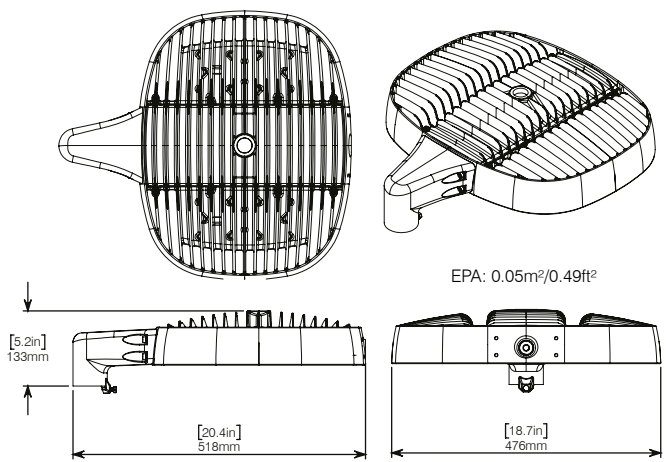
- Driver will source a maximum of 200uA for control needs
- Controller must sink current from the 0-10V control leads

Mounting Options (Ordered Separately)

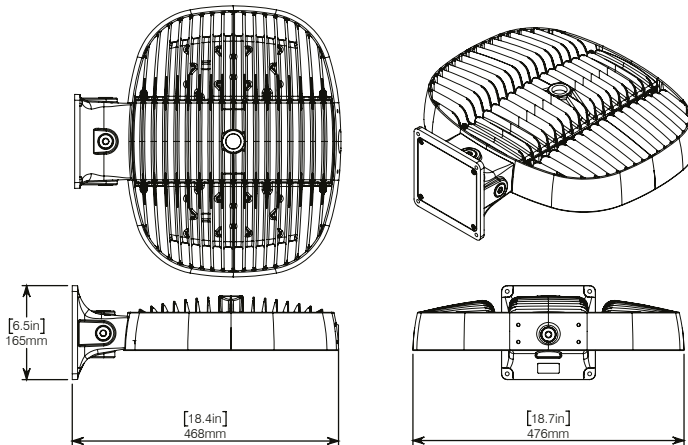
SURFACE/SUSPENDED MOUNT (SPX-BKT-XR-SM): 8.5 kg | 18.7 lbs



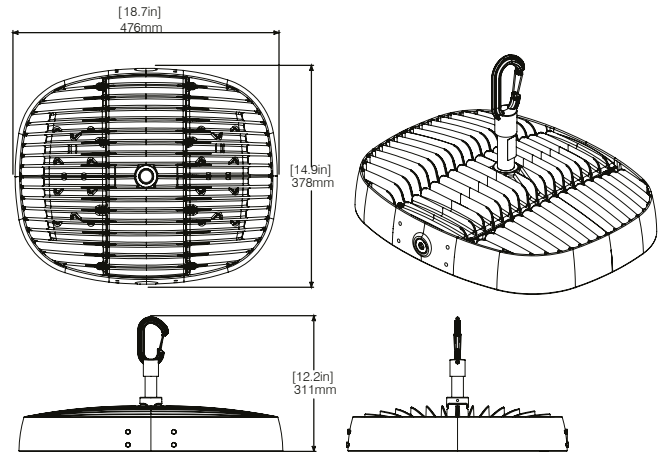
POLE MOUNT (SPX-BKT-XR-PM): 8.6 kg | 18.9 lbs



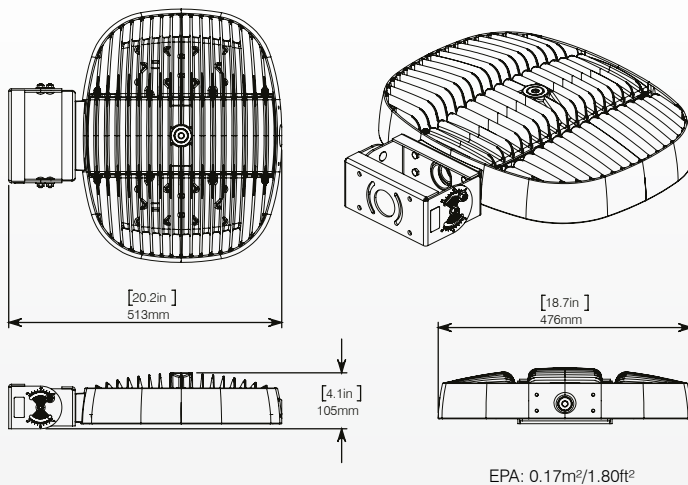
WALL MOUNT (SPX-BKT-XR-WM): 9.4 kg | 20.7 lbs



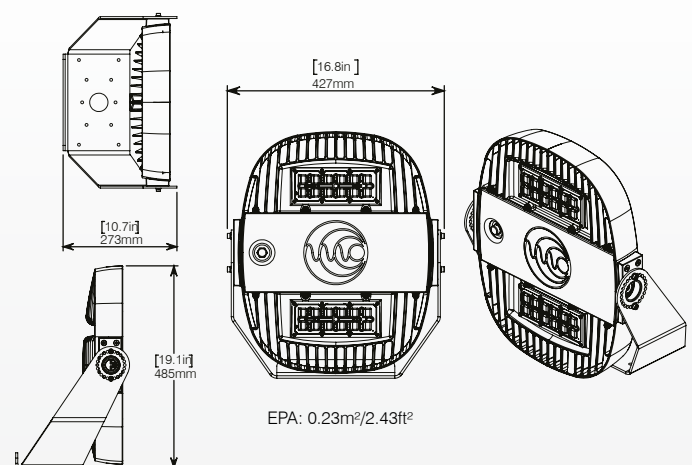
HANGING PENDANT (SPX-BKT-XR-HK): 8.1 kg | 17.8 lbs



YOKE MOUNT (SPX-BKT-XR-YM): 8.5 kg | 18.7 lbs

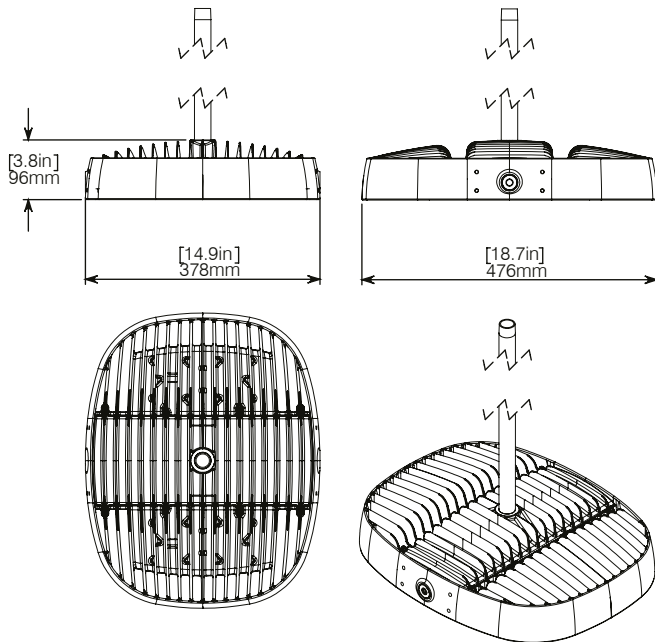


HIGH VIBRATION YOKE (SPX-BKT-XR-YK): 12.9 kg | 28.3 lbs (Optional accessory)

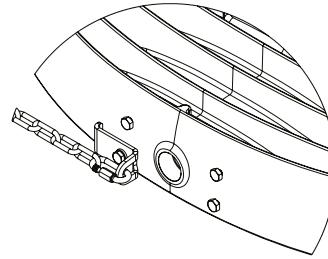


Mounting Options (Ordered Separately)

CONDUIT ROTATION LOCK (SPX-BKT-XR-CC) : 8 .2 kg | 18.0 lbs

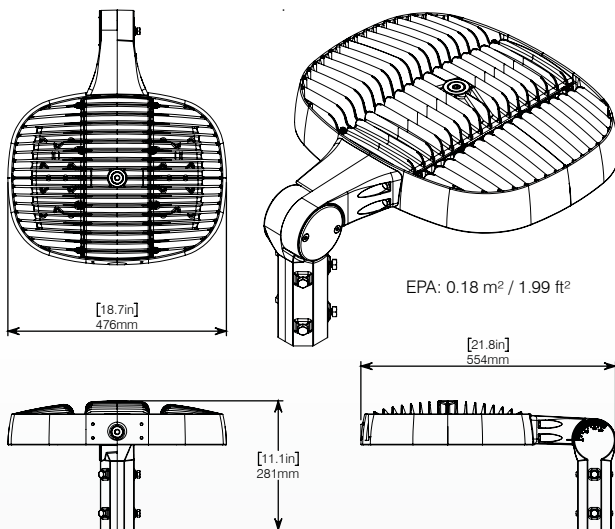


SECONDARY SAFETY KIT (SPX-BKT-XR-SK-##) : 8 .2 kg | 18.0 lbs



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

SLIP FITTER YOKE MOUNT (XR-SFY) : 10.05 kg | 22.1 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])

**Per NEC 314.23H2 pendant/conduit installation below 8ft (2.4m) requires the use of an anti-rotation mechanism. R-CC accessory required. Order seperately.

Product Code Builder

Example Order Reference: SPZ-XR15-5K-6060-GY-HV

Classification*	Model	Colour Temp*	Optics*	Finish*	Location	Input Power
SPZ	XR8	50 - 5000k, 70CRI	WC – Wide Beam (no optics)	GY - Grey	GN – General Location	AC – 120-277VAC
	XR10		T3 – IESNA Type 3			HV – 347-480VAC
	XR15		OC – Oval 30° x 115°			
	XR20		SC – Spot 20°			
*Hazardous variants available		*Other options available	*Other options available	*Custom available		

Accessories (Sold Separately)

Accessory	Part Number
Surface/Suspended Mount ³	SPX-BKT-XR-SM-GY
Pole Mount	SPX-BKT-XR-PM-GY
Wall Mount	SPX-BKT-XR-WM-GY
Hanging Pendant	SPX-BKT-XR-HK-GY
Yoke Mount ^{2,3}	SPX-BKT-XR-YM-GY
High Vibration Yoke Mount ^{2,3}	SPX-BKT-XR-YK-GY
Conduit Rotation Lock	SPX-BKT-XR-CC-GY
Secondary Safety Kit ⁴	SPX-BKT-XR-SK-##-GY

Bespoke colour options available, contact Raytec.

NOTES:

- Minimum order quantities, additional costs and lead times may apply.
- Only available in stainless steel finish.
- 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.
- ## 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.