

SPARTAN SPZ LED CID2 Mid Power Floodlight



rayTEC



Power / Performance

High lumen output up to 15,000 lumens, designed to directly replace traditional discharge light sources up to 250W SON.



Robust and Durable

Robust and durable construction from marine grade aluminium and with a wide operating temperature for even the most challenging conditions.



Easy Maintenance

Featuring a unique modular design, key components are easily accessible for straightforward maintenance and inspection.



Multiple Beam Angles

Available with a range of beam patterns to effectively light up large open areas. The use of secondary optics means no loss of output on wider angles.

5 YEAR WARRANTY

All Raytec luminaires are provided with an industry leading 5 year warranty and have an expected useful life in excess of 10 years. See Warranty Statement for details.



Technical Specifications

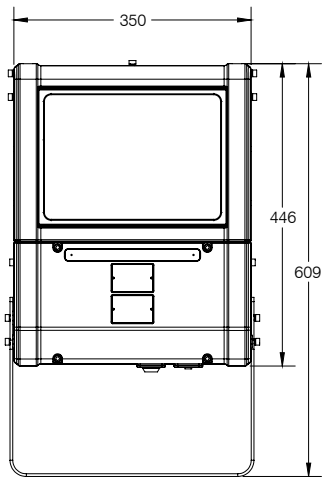
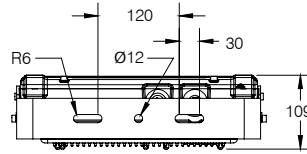
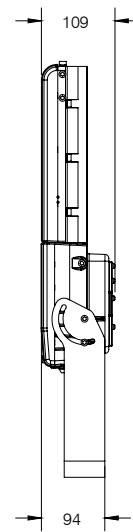
Certification	
UL Rating	UL/CSA Class I Division 2 rated for Gas and Dust
Certification	Class I, Div 2, Gp ABCD T4 Class II, Div 1, Div 2, Gp E,F,G Tamb = -40°C to +60°C Enclosure Type 4X Applicable Standards CSA C22.2 No. 94.2-07, CSA C22.2 No 25-M1966 CSA C22.2 No. 213-M1987, CSA C22.2 No. 250.13-14 CSA C22.2 No. 141-15, ANSI/ISA 12.12.01-2013, UL 1203 – 5th ed., UL 50E 1st ed UL 8750-1st ed., UL 924 10th ed, UL 844 13th ed
Certificates	UL/CSA, including CID2 and ABS
ABS Certificate #	#25-0220600-PDA

Electrical	5K	7.5K	10K	12.5K	15K
Input	110-277V 50/60Hz AC only				
Power	40W	60W	80W	100W	120W
Termination	Incoming terminal block suitable for looping 4 core 4mm ² cable				
Power Factor	>0.95				
Cable Entries	2 x 3/4" NPT as standard (other entries available upon request), dispatched complete with one approved blanking plug				

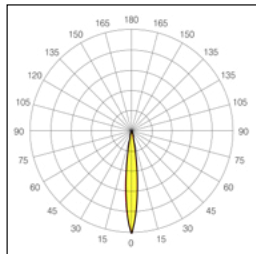
Optical	5K	7.5K	10K	12.5K	15K
Beam Patterns	30° x 30° or 60° x 60° or 90° x 90° or 120° x 15° or 10° x 10°				
Lumen Output (upto)	5,149lm	7,663lm	10,298lm	12,873lm	15,325lm
LED Type	Platinum Elite SMT LEDs				
Number of LEDs	24	24	48	48	48
CRI	70+				
Colour Temperature	5,700K				

Mechanical	5K	7.5K	10K	12.5K	15K
Burning Position	Universal				
IP Rating	NEMA 4X (IP66 & IP67)				
Temperature Range	-40°F to 140°F (-40°C to 60°C)				
Weight	29.1lbs (13.2kg)				
Enclosure	Marine grade aluminium epoxy powder coated, toughened glass, all external fasteners and brackets are marine grade stainless steel				
Unit Colour	Silver (RAL 9006)				
Installation Instructions	Please see document 1250-D-00018 at www.raytecltd.com				
Spare Part Availability	For information on spare part availability please contact Raytec.				
Dimensions	350mm x 609mm x 109mm (13.9 x 24 x 4.3")				
Mounting	Stirrup bracket (see dimension drawings on Page 3)				

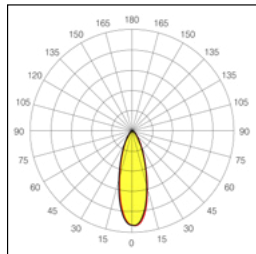
Product Dimensions



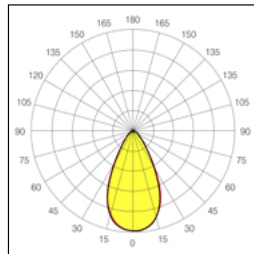
Beam patterns



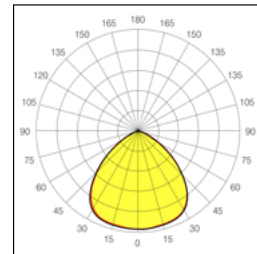
10x10



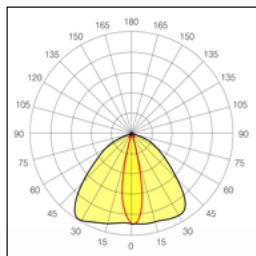
30x30



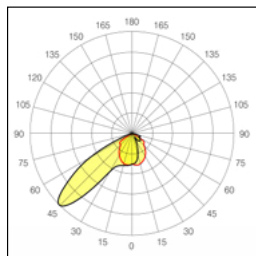
60x60



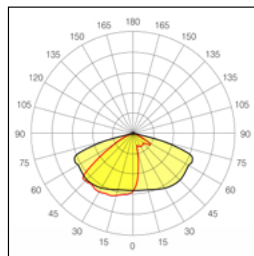
90x90



120x15



FN



PP3

Part Code Builder

SPARTAN Mid Power Flood

Example - SPZ-MPFL15K-W-9090-CID2

Family	Model	Light Type	Optics	CCT	Entry
SPZ	MPFL5K	W- White Light	1010	Not Stated - 5700K	Not Stated - 3/4" NPT
	MPFL7K5		3030	4K - 4000K	M25
	MPFL10K		6060		M20
	MPFL12K5		9090		
	MPFL15K		12015		
			FN		
			PP3		

Disclaimer

The information provided in this document was accurate at the time of its creation. However, due to the evolving nature of our products and continuous improvements, there may be changes or updates that occur after its publication.

For the most current and detailed information about our products, please contact our sales team at sales@rayteclcd.com.