SPARTAN SPZ
LED CID2 Mid Power Bay











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.

5 YEAR WARRANTY

Raytec Global (excluding Americas): +44 (0) 01670 520055 • sales@raytecled.com
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www.raytecled.com

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 = -40ºC to +60ºC 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 #	23-2432337-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 4mm² cable				
Power Factor	>0.95	>0.95	>0.95	>0.95	>0.95
Cable Entries	2 x 3/4" NPT as standard (other entries available upon request), dispatched complete with one approved blanking plug				

Optical

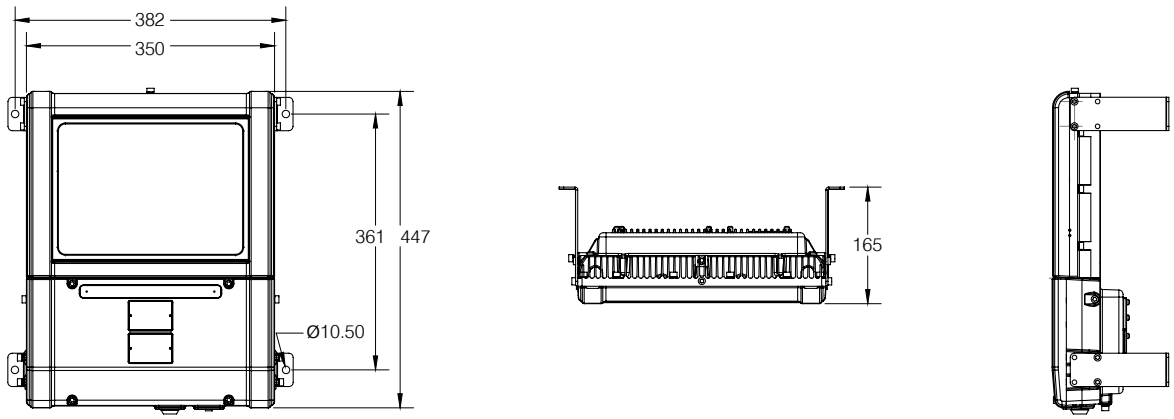
	5K	7.5K	10K	12.5K	15K
Beam Patterns	30° x 30° or 60° x 60° or 90° x 90° or 120° x 15° or 10° x 10°				
Lumen Output (upto)	5,149lm	7,663lm	10,298lm	12,873lm	15,325lm
LED Type	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs	Platinum Elite SMT LEDs
Number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

Mechanical

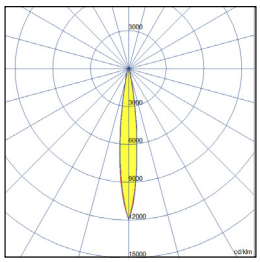
	5K	7.5K	10K	12.5K	15K
Burning Position	Universal	Universal	Universal	Universal	Universal
IP Rating	NEMA 4X (IP66 & IP67)	NEMA 4X (IP66 & IP67)	NEMA 4X (IP66 & IP67)	NEMA 4X (IP66 & IP67)	NEMA 4X (IP66 & IP67)
Temperature Range	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)	-40°F to 140°F (-40°C to 60°C)
Weight	13.2kg (29.1lbs)	13.2kg (29.1lbs)	13.2kg (29.1lbs)	13.2kg (29.1lbs)	13.2kg (29.1lbs)
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.raytecled.com				
Dimensions	350mm x 609mm x 109mm (13.9 x 24 x 4.3")				
Mounting	Stirrup bracket (see dimension drawings on Page 3)				

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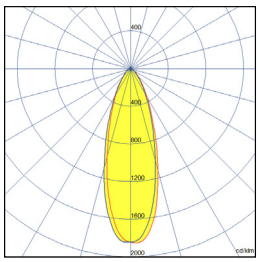
Product Dimensions



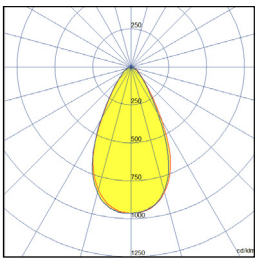
Beam patterns



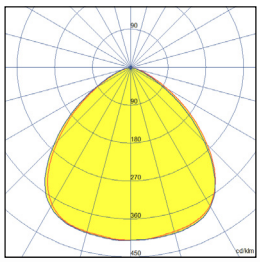
10x10



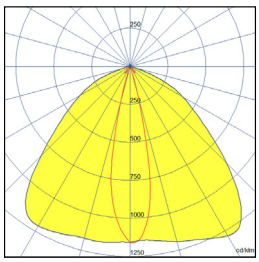
30x30



60x60



90x90



120x15

Part Code Builder

SPARTAN Mid Power Flood

Example - SPZ-MPBY15K-W-9090-CID2					
Family	Model	Light Type	Optics	CCT	Entry
SPZ	MPBY5K	W- White Light	3030	Not Stated - 5700K	Not Stated - 3/4” NPT
	MPBY7K5		6060	4K - 4000K	M25
	MPBY10K		9090		M20
	MPBY12K5		12015		
	MPBY15K		1010		

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