

SPARTAN LED

Zone 1/21 SPX Street Luminaire

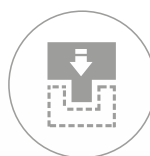


rayTEC



Energy Saving

With a low power consumption of 53W, and a high efficacy of 128lm/W, SPARTAN Street delivers significant energy savings and outstanding optical performance.



Easy to Install

SPARTAN Street weighs only 6.5kg and comes pre-terminated with a 12M outdoor, 3 core, cold resistant, PVC cable for quick and easy installation.



Ultra-Flexible

With an adjustable bracket that can be rotated 90°, the luminaire can be fixed to any column, bracket or pole in post top or side arm configuration.



Bespoke LED

Raytec are specialists in LEDs and all our products are designed around the LEDs with bespoke housing for optimum performance and reliability.

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

ATEX Rating	ATEX, UKEX and IEC Ex rated for Gas and Dust
Hazardous Area Rating	Zone 1 (Gas), Zone 21 (Dust)
Certificates	IECEX CML 23.0094X, CML 23ATEX3246X, CML 23UKEX3247X
Gas	II 2 G Ex eb mb IIC T4 Gb Ta = -40 °C to +50 °C
Dust	II 2 D Ex tb IIIC T80°C Db Ta = -40 °C to +50 °C
ABS Certificate	#23-2432337-PDA

Electrical

Input	Standard: 110-254V AC 50/60Hz Optional: 110-277V AC/DC 50/60Hz
Power	Standard - 53W LO - 20W RP - 35W
Power Factor	>0.95
Termination	Supplied pre-terminated, with 12m of 3 core Outdoor Cold Resistant PVC Cable

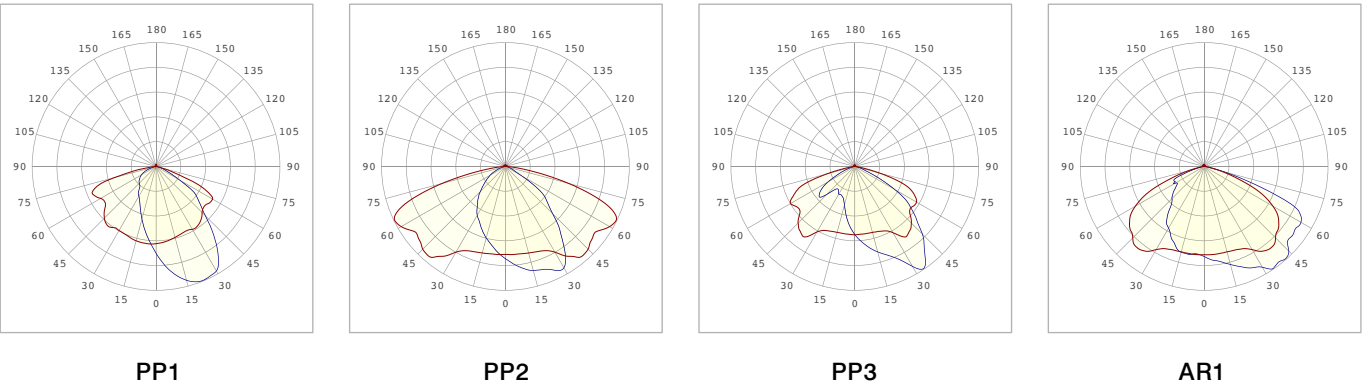
Optical

Beam Patterns	Perimeter/Pathway - PP1 Perimeter/Pathway - PP2 Perimeter/Pathway - PP3 Area - AR1
Lumen output	Standard - 6,770 LO - 2,555 RP - 4,471
LED type	Platinum Elite SMT LEDs
Number of LEDs	96
CRI	≥80
Colour Temperature	4000K

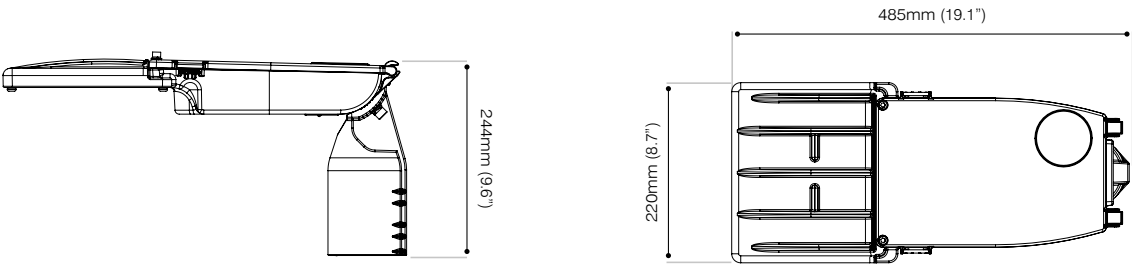
Mechanical

IP Rating	IP66
IK Rating	IK07
Temperature Range	-40°C to +50°C (-40°F to +122°F)
Weight	6.5kg (14.3lbs)
Enclosure	Marine grade aluminium epoxy powder coated, all external fasteners and brackets are marine grade stainless steel
Unit Colour	Silver (RAL 9006)
Installation Instructions	See document 1286-D-00002 at www.rayteclcd.com
Dimensions	See dimensional sketches
Mounting	Supplied with Integrated Spigot Mount with adjustable rotation
Spigot (pole) Diameter	Variants - suitable for 76mm pole diameters 60mm variants - suitable for 60mm pole diameters Adjustable grub screw fixings for mounting to smaller poles. Pole adaptors also available - contact Raytec.

Light Distribution



Product Dimensions



Lumen Output by Beam Pattern

Lumen Output on Mains

Variant	PP1	PP2	PP3	AR1
SL96	6219lm	5940lm	6770lm	5668lm
SL96-LO	2347lm	2242lm	2555lm	2139lm
SL96-RP	4107lm	3923lm	4471lm	3743lm

For more information on Lumen Outputs please contact Raytec.
Other beam patterns also available. Please contact Raytec for more information.

Part Code Builder

SPARTAN Street Zone 1

Standard: Example - SPX-SL96-4K-PP1						
Family	Model	CCT	Optics	Power	Input Voltage	Spigot Diameter
SPX	SL96	4K	PP1	Not stated - 53W LO - 20W RP - 35W	Not stated - 110-254V 277 - 110-277V	Not Stated - 76mm Pole Mount
		Other colour options available - Contact Raytec	PP2			60mm - 60mm Pole Mount
			PP3			
			AR1			

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.