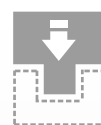


## SPARTAN SPZ Street LED Zone 2/22 Street Luminaire



### Energy Saving

With a low power consumption of 53W, and a high efficacy of 156lm/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 2 (Gas), Zone 22 (Dust)                           |
| Certificates          | IECEX CML 23.0094X, CML 23ATEX4285X, CML 23UKEX4286X   |
| Gas                   | II 3 G<br>Ex ec mc IIC T4 Gc<br>Ta = -40 °C to +50 °C  |
| Dust                  | II 3 D<br>Ex tc IIIC T80°C Dc<br>Ta = -40 °C to +50 °C |

## Electrical

|              |  |
|--------------|--|
| Input        | 110-254VAC 50/60Hz   |
| Power        | 53W  |
| Termination  | Supplied pre-terminated, with 12m of 3 core Outdoor Cold Resistant PVC Cable |
| Power Factor | >0.95  |

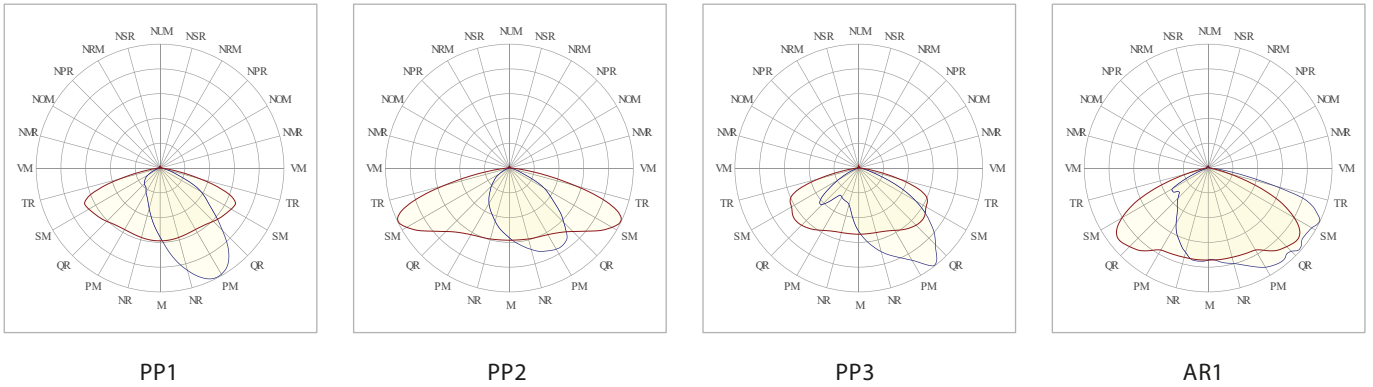
## Optical

|                       |   |
|-----------------------|---|
| Beam Patterns         | Perimeter/Pathway - PP1<br>Perimeter/Pathway - PP2<br>Perimeter/Pathway - PP3<br>Area - AR1 |
| Lumen output on mains | Up to 8,300   |
| LED type              | Platinum Elite SMT LEDs   |
| Number of LEDs        | 96  |
| CRI                   | ≥80   |
| Colour Temperature    | 4000K   |

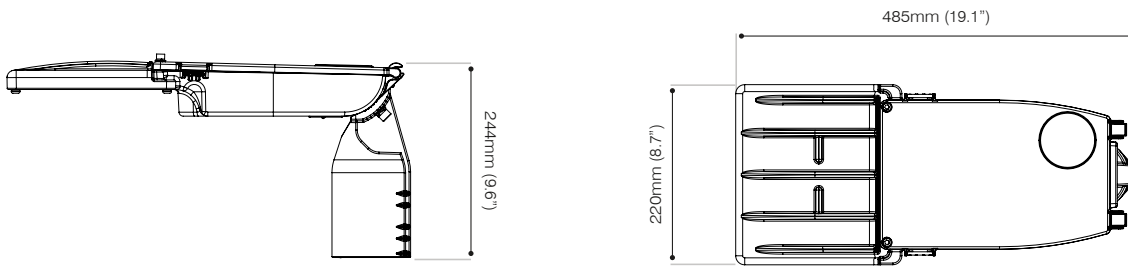
## Mechanical

|                           |   |
|---------------------------|---|
| IP Rating                 | IP66  |
| IK Rating                 | IK07  |
| Temperature Range         | -40°C to +50°C  |
| Weight                    | 6.5Kg   |
| Enclosure                 | Marine grade aluminium epoxy powder coated,<br>all external fasteners and brackets are marine grade stainless steel |
| Unit Colour               | Silver (RAL 9006)   |
| Installation Instructions | See document 1286-D-00002 at <a href="http://www.rayteclcd.com">www.rayteclcd.com</a>                               |
| Dimensions                | See dimensional sketches  |
| Mounting                  | Supplied with Integrated Spigot Mount with adjustable rotation  |
| Spigot (pole) Diameter    | Compatible with 76mm pole diameter (48mm & 60mm pole adaptors are available)  |

## Light Distribution



## Product Dimensions



## Part Code Builder

### SPARTAN Street Zone 2

Standard: Example - SPZ-SL96-4K-PP1

| Family | Model | CCT   | Optic | POLE ADAPTOR                              |
|--------|-------|---|-------|---|
| SPZ    | SL96  | 4K  | PP1   | NOT STATED - Suits 76mm Pole              |
|        |       | Other colour options available - Contact Raytec | PP2   | (60mm & 48mm Pole Adaptors are available) |
|        |       |   | PP3   |   |
|        |       |   | AR1   |   |