

# Manta CCT LED Bollard

*Bollards*



Data Sheet

## Product Information

The 3 CCT Manta LED Bollard are a 3 in one solution for uses in exterior applications where the option to be able to adjust the colour to suit the application is required. These are ideal for pathways, security lighting and entrance lighting applications.

Complete with a 3 year warranty

## Product Features

- 3 year warranty
- Class II
- IP65
- Polycarbonate construction
- High efficiency Epistar SMD LED array achieving up to 95 lumens per circuit watt
- High CRI up to Ra86
- Instant on
- 3 switchable Colour temperatures 3000K/4000K/6000K
- Supplied complete with driver
- Available in 2 heights 450mm and 750mm
- 180° beam angle
- L70 – 30,000hrs

# Product Specification

| Product Code | Product Description             | Wattage (W) | CCT (K) | Lumens (lm) | CRI (Ra) | Protection Class |
|--------------|---------------------------------|-------------|---------|-------------|----------|------------------|
| KSR1182      | Manta 20w CCT 450mm LED Bollard | 20          | 3000    | 1528        | 82       | II               |
|              |                                 |             | 4000    | 1724        | 86       |                  |
|              |                                 |             | 6000    | 1535        | 84       |                  |
| KSR1183      | Manta 20w CCT 750mm LED Bollard | 20          | 3000    | 1528        | 82       | II               |
|              |                                 |             | 4000    | 1724        | 86       |                  |
|              |                                 |             | 6000    | 1535        | 84       |                  |

|                           |                                       |
|---------------------------|---------------------------------------|
| Nominal voltage           | 160~260VAC                            |
| Operating frequency       | 50-60Hz                               |
| Circuit Wattage           | 18.1w including Driver (4000K Output) |
| Circuit Current           | 0.08A                                 |
| Driver Current Rating     | 250mA                                 |
| PFC                       | 0.95                                  |
| In Rush Current           | 1.47 Amps Max Peak                    |
| Start Time                | < 0.5 Sec                             |
| Ambient temperature range | -15°C to +40°C                        |
| IP rating                 | 65                                    |

## Construction

Body: Polycarbonate  
Lens: Polycarbonate

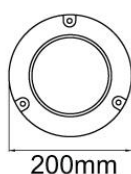
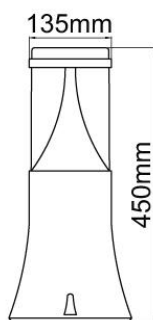
## Standards

BSEN60598-1:2021      Luminaires – Part 1: General Requirements and tests

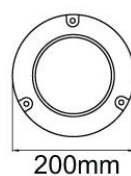
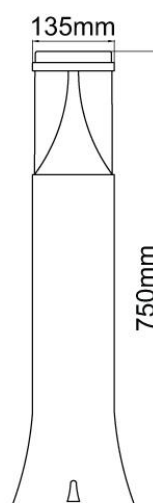
## In Conformity with

LVD      Low voltage directive 2014/35/EU  
EMC      Electromagnetic compatibility directive 2014/30/EU  
ERP      Energy related products directive 2019/2020/EU  
RoHS      Restriction of hazardous substances 2015/863/EU

## Product Dimensions



**KSR1182 - 450mm Bollard**



**KSR1183 - 750mm Bollard**

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