

## KSR Lighting Ltd

Unit E Hazleton Interchange  
Lakesmere Road, Horndean.  
PO8 9JU



Declares that under our sole responsibility the Product Range

### Manta E27 Polycarbonate Bollard

is in conformity with the provisions of the following statutory requirements, including all amendments, and with national legislation implementing these regulations:

<b>UK SI 2016 No. 1101</b>	The Electrical Equipment (Safety) Regulations 2016
<b>UK SI 2016 No. 1091</b>	Electro Magnetic Compatibility Regulations 2016
<b>UK SI 2019 No. 1095</b>	The Ecodesign for Energy-Related Products and Energy Information (Lighting Products) Regulations 2021
<b>UK SI 2012 No. 3032</b>	Restriction of the use of Certain Hazardous Substances in Electrical and Electronic Equipment Regulations 2012

#### The following designated standards have been applied

##### EE(S) R

BS EN IEC 60598-1:2015+A1:2018	Luminaires. General requirements and tests
BS EN IEC 60598-2-1:2021	Luminaires. Particular requirements. Specification for fixed general purpose luminaires
BS EN 62493:2015	Assessment of Lighting Equipment Related to Human Exposure to Electromagnetic Fields

##### RoHS R

BS EN 63000	Technical documentation for the assessment of electrical and electronic products with respect to the restriction of hazardous substances
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##### EMC R

BS EN 61547:2009	Equipment for general lighting purposes. EMC immunity requirements
BS EN 55015:2013+A1:2015	Limits and methods of measurement of radio disturbance characteristics of electrical lighting and similar equipment
BS EN 61000-3-2:2014	Electromagnetic compatibility (EMC). Limits. Limits for harmonic current emissions
BS EN 61000-3-3:2013	Electromagnetic compatibility (EMC). Limits. Limitation of voltage changes, voltage fluctuations and flicker in public low-voltage supply systems

##### ERP R

BS EN 62717:2017+A2:2019	LED modules for general lighting - Performance requirements
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Authorised signatory:

Name: Jonathan Callander  
Position: Managing Director  
Date: 21/02/2022  
Place of issue: As above

**RoHS** **UK**  
**CA**