

### Description





IP66. Class I. IK10. Marine-grade, all-aluminium construction. Pole section features anodised aluminium core. 5CE superior corrosion protection including PCS hardware. Polycarbonate main lens, UV-stabilised. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control.

For 2200 K version available on request.

**Bollards and pathway luminaires****Specifications****Material description**

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|                      |  |
|----------------------|--|
| Body                 | Marine-grade, all-aluminium construction. Pole section features anodised aluminium core  |
| Lens                 | Polycarbonate, UV-stabilised   |
| Colours              |  RAL9004 Signal black<br> RAL9007 Grey aluminium<br> RAL7016 Anthracite grey<br> RAL9016 Traffic white |
| Gasket               | Silicone CCG® Controlled Compression Gasket  |
| Fasteners            | PCS hardware   |
| Ingress protection   | IP66   |
| Impact resistance    | IK10   |
| Corrosion resistance | 5CE  |

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**Electrical description**

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|                  |                                  |
|------------------|----------------------------------|
| Driver / Ballast | Integral EC electronic converter |
| Surge protection | 10/10kV                          |

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**Additional information**

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|            |  |
|------------|--|
| BUG Rating | Please see individual Spec Sheets for classification of Backlight, Uplight and Glare |
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# MRY224 LED

## Bollards and pathway luminaires

### Options

#### Light distribution



symmetric [C70]



asymmetric, side throw [S60]

#### Colour temperature



2700 K



3000 K

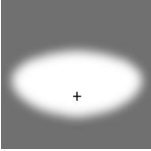
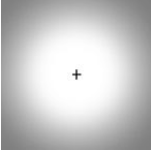


4000 K

#### Nominal Watt

0 W

**Configurations**

| Light distribution   | Part ID   | Light source              | Rated lumens              | Rated input power | CRI    | Weight (kg) |
|--|---|---------------------------|---------------------------|-------------------|--------|-------------|
| asymmetric, side throw [S60]<br> | 115-9801  | LED-11W / 300 mA - 2700 K | 843.6                     | 13.5 W            | 80     | 10.80       |
|  | 115-9802  | LED-11W / 300 mA - 3000 K | 889.5                     | 13.5 W            | 80     | 10.80       |
|  | 115-9803  | LED-11W / 300 mA - 4000 K | 946.9                     | 13.5 W            | 80     | 10.80       |
|  | 115-9805  | LED-15W / 750 mA - 2700 K | 1166.3                    | 18 W              | 80     | 10.80       |
|  | 115-9806  | LED-15W / 750 mA - 3000 K | 1180.9                    | 18 W              | 80     | 10.80       |
|  | 115-9807  | LED-15W / 750 mA - 4000 K | 1261.3                    | 18 W              | 80     | 10.80       |
|  | symmetric [C70]<br> | 115-9771                  | LED-11W / 300 mA - 2700 K | 844.7             | 13.5 W | 80          |
| 115-9772   |   | LED-11W / 300 mA - 3000 K | 890.7                     | 13.5 W            | 80     | 10.80       |
| 115-9773   |   | LED-11W / 300 mA - 4000 K | 948.1                     | 13.5 W            | 80     | 10.80       |
| 115-9775   |   | LED-15W / 750 mA - 2700 K | 1167.8                    | 18 W              | 80     | 10.80       |
| 115-9776   |   | LED-15W / 750 mA - 3000 K | 1182.5                    | 18 W              | 80     | 10.80       |
| 115-9777   |   | LED-15W / 750 mA - 4000 K | 1262.9                    | 18 W              | 80     | 10.80       |

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## Bollards and pathway luminaires



### Control

#### 1-10 V analogue dimming interface

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| Description                       | Part ID  | C  |
|-----------------------------------|----------|----|
| 1-10 V analogue dimming interface | 430-0011 | 90 |

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#### DALI interface

**Bollards and pathway luminaires**

| Description    | Part ID  | Additional information   | C  |
|----------------|----------|--|----|
| DALI interface | 430-0013 | DALI variant. The luminaire is equipped with a DT6 Dali driver (Dali 2.0). | 90 |

## Dali 2.0

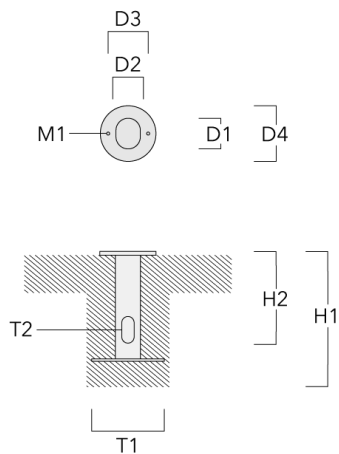
- Application controllers and Input devices defined
- Single-masters and multi-masters allowed
- Event priorities defined
- Separate addressing & grouping from control gear

Note: Mixing Dali 1 and Dali 2.0 drivers can cause problems because the addressing and the command scope has changed!

### Mounting Accessories

#### Planted root

| Description       | Part ID  | D1 | D2 | D3 | D4  | H1  | H2  | Weight (kg) |
|-------------------|----------|----|----|----|-----|-----|-----|-------------|
| Planted root ESZ4 | 300-9090 | 55 | 45 | 70 | 100 | 400 | 350 | 3.50        |



**MRY224 LED**

**Bollards and pathway luminaires**

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Subject to technical changes and errors.

Generated on 23/10/2024