

### Description





IP66. Class I. IK10. Marine-grade, all-aluminium construction. Pole section features anodised aluminium core. 5CE superior corrosion protection + primer 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.

Available in 2200 K 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  RAL9006 White aluminium  RAL9007 Grey aluminium  RAL9016 Traffic white
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK10
Corrosion resistance	5CE+Primer

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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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Lifetime	11W - Ta=25° L70B50>50000h 15W - Ta=25° L70B50>60000h
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# MRY224 LED

## Bollards and pathway luminaires

### Options

#### Light distribution



symmetric [C70]



asymmetric, side throw [S60]

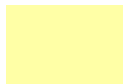
#### Colour temperature



2700 K



3000 K

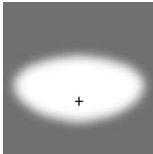
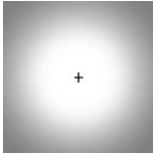


4000 K

#### Nominal Watt

0 W

### Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, side throw [S60] 	115-9781	LED-11W / 300 mA - 2700 K	843.6	13.5 W	80	8.00
	115-9782	LED-11W / 300 mA - 3000 K	889.5	13.5 W	80	8.00
	115-9783	LED-11W / 300 mA - 4000 K	946.9	13.5 W	80	8.00
	115-9785	LED-15W / 750 mA - 2700 K	1166.3	18 W	80	8.00
	115-9786	LED-15W / 750 mA - 3000 K	1180.9	18 W	80	8.00
	115-9787	LED-15W / 750 mA - 4000 K	1261.3	18 W	80	8.00
	symmetric [C70] 	115-9751	LED-11W / 300 mA - 2700 K	844.7	13.5 W	80
115-9752		LED-11W / 300 mA - 3000 K	890.7	13.5 W	80	8.00
115-9753		LED-11W / 300 mA - 4000 K	948.1	13.5 W	80	8.00
115-9755		LED-15W / 750 mA - 2700 K	1167.8	18 W	80	8.00
115-9756		LED-15W / 750 mA - 3000 K	1182.5	18 W	80	8.00
115-9757		LED-15W / 750 mA - 4000 K	1262.9	18 W	80	8.00

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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**

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

