

### Description






IP66. Class I. IK10. Marine-grade, all-aluminium construction. Pole section features anodised aluminium core. 5CE superior corrosion protection including PCS hardware. Silicone CCG<sup>®</sup> Controlled Compression Gasket. Polycarbonate main lens, UV-stabilised. Integral EC electronic converter in thermally separated compartment. DALI. CAD-optimised optics for superior illumination and glare control. Factory installed LED circuit board. The luminaire is factory-sealed and does not need to be opened during installation.

Optional 2200 K version available. To be specified at time of ordering.

Optional 1-10V version available. To be specified at time of ordering.

**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  RAL7016 Anthracite grey  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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Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter, DALI
Power factor	> 0.9
Surge protection	10/10kV

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**Additional information**

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Lifetime	Ta=25° L90B10 > 90000h
ENERGY EFFICIENCY CLASS	E-F-D (Light source)

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# MRY224 LED

## Bollards and pathway luminaires

### Options

#### Light distribution



symmetric [C70]



asymmetric, side throw beam [S60]

#### Colour temperature



2700 K



3000 K

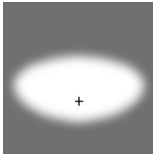
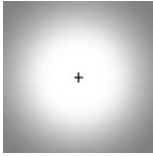


4000 K

#### Nominal Watt

0 W

### Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, side throw beam [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	8.00
	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

**Control****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

