

### Description

IP66. IK10. Marine-grade, all-aluminium construction. 5CE superior corrosion protection + primer including PCS hardware. Polycarbonate lens. Silicone CCG\_R\_C Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

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

### Specifications

#### Material description

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Body	Marine-grade, all-aluminium construction
Lens	Polycarbonate lens
Colours	 RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware (unpainted)
Ingress protection	IP66
Impact resistance	IK10
Corrosion resistance	5CE+Primer

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#### Electrical description

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Power supply	230V / 50 Hz
Driver / Ballast	Integral EC electronic converter
Surge protection	10/10kV (SP10) available on request

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#### Additional information

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Lifetime	Ta=40° L70B50 > 50000h
Warranty	The product is supplied with 10-year warranty. Please refer to the LED Warranty Statement located on <a href="http://www.we-ef.com">www.we-ef.com</a> for further details.

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### Options

#### Light distribution

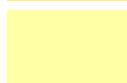


symmetric distribution [C60]

#### Colour temperature



3000 K



4000 K



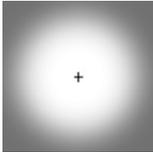
2700 K

#### Nominal Watt

2 W

15 W

**Configurations**

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
symmetric distribution [C60] 	117-0199	LED-FT-17W / 500 mA - 3000 K	1136.2	20 W	80	9.10
	117-0200	LED-FT-17W / 500 mA - 4000 K	1184.3	20 W	80	9.10
	117-0225	LED-FT-12W / 350 mA - 3000 K	758.7	14 W	80	9.10
	117-0227	LED-FT-12W / 350 mA - 4000 K	799.4	14 W	80	9.10
	117-0322	LED-FT-12W / 350 mA - 2700 K	710.6	14 W	80	9.10
	117-0323	LED-FT-17W / 500 mA - 2700 K	1086.2	20 W	80	9.10

**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

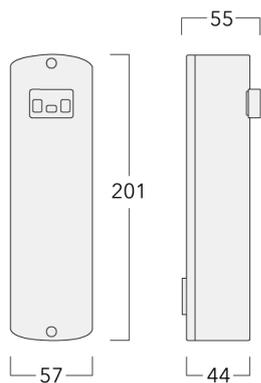
#### Dali 2.0

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

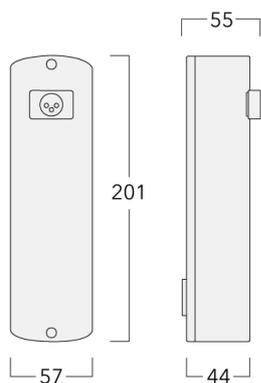
Note: Mixing Dali 1 and Dali 2.0 drivers can cause problems because the addressing and the command scope has changed!

### Eco Step Dim® Motion

Description	Part ID
Eco Step Dim® Motion - Linked-Primary	430-0030



Eco Step Dim® Motion - Linked-Secondary	430-0031
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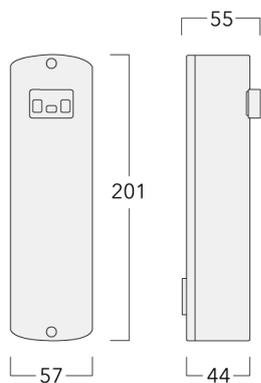
# ZFY230 LED - 1000 mm

## Bollards and pathway luminaires

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Description	Part ID
Eco Step Dim® Motion - Stand-Alone	430-0037

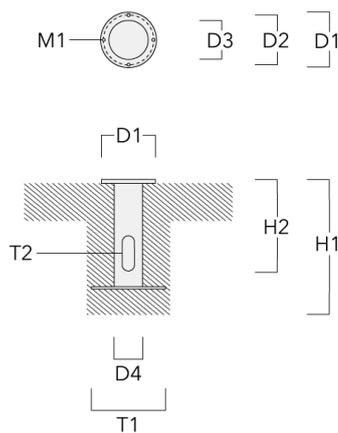
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**Mounting Accessories**

**Planted root**

Description	Part ID	D1	D2	D3	D4	H1	H2	M1	T1	T2	Weight (kg)
Planted root ESV4	300-0461-AP	150	130	60	89	400	350	8	200	50 x 100	3.85



**Optical Accessories**

**Light shield**

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Description	Part ID	H1	Weight (kg)
LS180 ZFY	117-0228	49	0.03

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