

**ZFY230 LED**

**Bollards and pathway luminaires**

**we-ef**



**WE-EF LIGHTING (Thailand) Co., Ltd.**

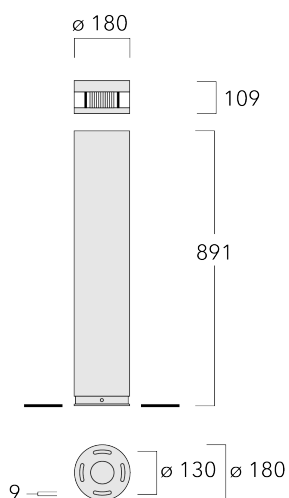
57 Moo 5, Kingkaew Rd., Bangplee, 10540 Samutprakarn - Phone: +66 2 738 96 20 - Fax: +66 2 738 96 29

<https://we-ef.com/asia>

Subject to technical changes and errors. - Generated on 23/11/2024

# ZFY230 LED

## Bollards and pathway luminaires







### Description

IP66. IK10. Marine-grade, all-aluminium construction. 5CE superior corrosion protection including PCS hardware. Polycarbonate lens. Silicone CCG® 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**

---

Body	Marine-grade, all-aluminium construction
Lens	Polycarbonate lens
Colours	 RAL9004 Signal black  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK10
Corrosion resistance	5CE

---

**Electrical description**

---

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter
Surge protection	10/10kV

---

**Additional information**

---

Lifetime	Ta=25° L70B50 > 50000h
BUG Rating	Please see individual Spec Sheets for classification of Backlight, Uplight and Glare.

---

# ZFY230 LED

Bollards and pathway luminaires

## Options

### Light distribution



symmetric distribution [C60]

### Colour temperature



3000 K



4000 K



2700 K

### Nominal Watt

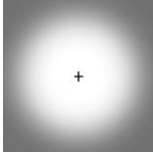
2 W

15 W

# ZFY230 LED

## Bollards and pathway luminaires

### 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

# ZFY230 LED

## Bollards and pathway luminaires



### Control

#### 1-10 V analogue dimming interface

---

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

---

**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

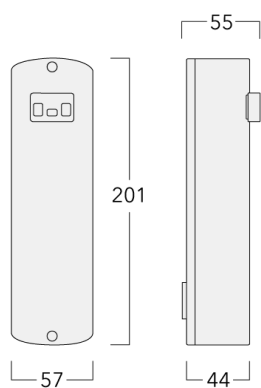
Note: Mixing Dali 1 and Dali 2.0 drivers can cause problems because the addressing and the command scope has changed!

### Eco Step Dim® Motion

---

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

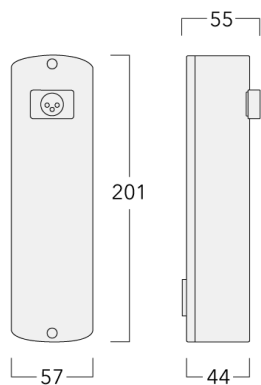
---



---

Eco Step Dim® Motion - Linked-Secondary	430-0031
---	----------

---





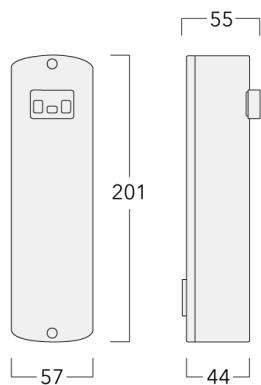
# ZFY230 LED

## Bollards and pathway luminaires

---

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

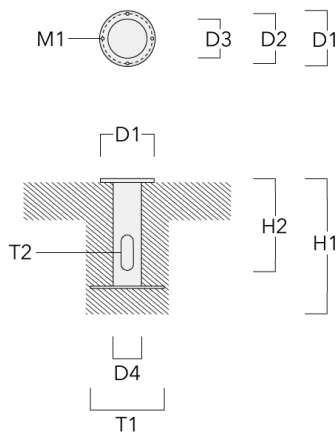
---



**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**

Description	Part ID	H1	Weight (kg)
Cut-off shield LS180	117-0228	49	0.03

