

117-0227

ZFY230 LED

**we-ef**



#### 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.

Weight	9.10 kg
Light distribution	symmetric distribution [C60]
Light source	LED-FT-12W / 350 mA - 4000 K
CRI	80
Power supply	EC
BUG	B1 U3 G1
LEDs	1
Rated input power	14 W

#### Rated lumens (lm)

LED Lumen	799.4
Total Lumen	799.4
Ta	25

#### Nominal Lumen (lm)

LED Lumen	2160
Total Lumen	2160
Tc	25

**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 05/10/2025

**117-0227****ZFY230 LED****we-ef**

## Specifications

### Material description

Body	Marine-grade, all-aluminium construction
Lens	Polycarbonate lens
Colours	<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> <span>RAL9004 Signal black</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: grey; margin-right: 5px;"></div> <span>RAL9007 Grey aluminium</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: darkgrey; margin-right: 5px;"></div> <span>RAL7016 Anthracite grey</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: white; margin-right: 5px;"></div> <span>RAL9016 Traffic white</span> </div>
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.

#### 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 05/10/2025

**117-0227**

**ZFY230 LED**

**we-ef**

## **Control**

### **1-10 V analogue dimming interface**

---

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

---

**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 05/10/2025

**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!

117-0227

ZFY230 LED

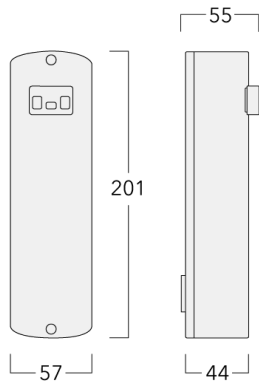
**we-ef**

**Eco Step Dim® Motion**

---

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

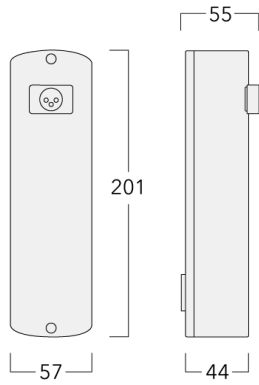
---



---

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

---



**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 05/10/2025

117-0227

ZFY230 LED

**we-ef**

---

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

---



**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

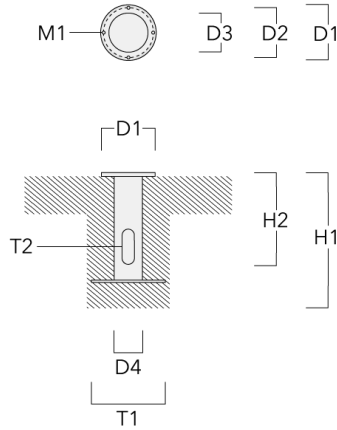
<https://we-ef.com/asia>

Subject to technical changes and errors. - Generated on 05/10/2025

**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



117-0227

ZFY230 LED

**we-ef**

## Optical Accessories

### Light shield

Description	Part ID	H1	Weight (kg)
Cut-off shield IL-180	117-0228	49	0.03

