



Description

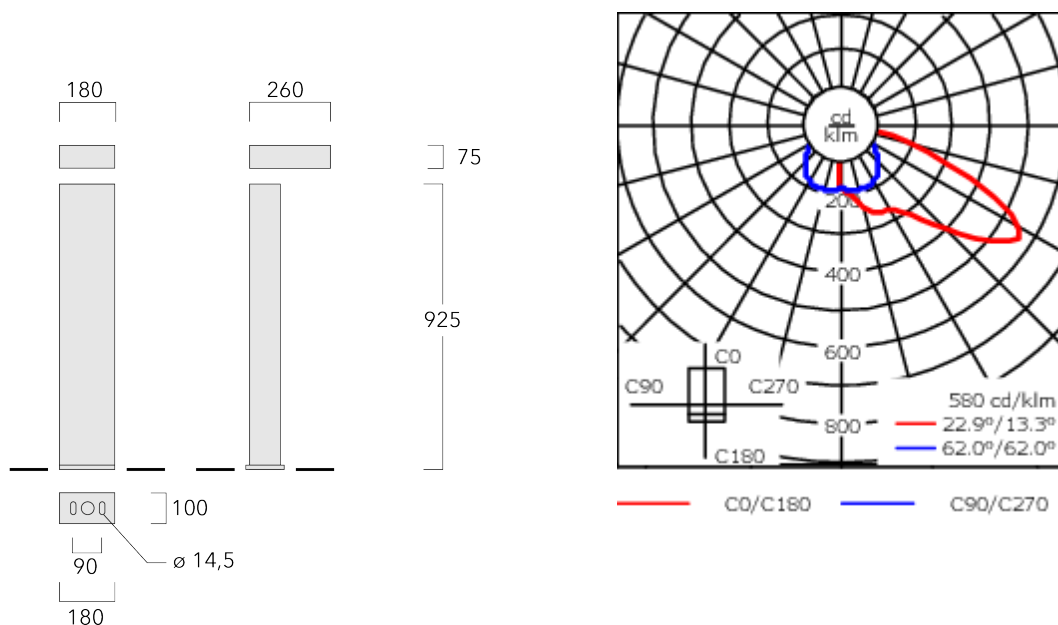
IP66. Class I. Class II on request. IK10. Marine-grade, all-aluminium construction. Pole section features galvanised steel reinforcement core. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. RFC® Reflection Free Contour main lens. Integral EC electronic converter in thermally-separated compartment. DALI. CAD-optimised optics for superior illumination and glare control. Factory installed LED circuit board. Pre-wired post complete with cable connecting box and fuse for mains connection. Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering.

Supplied as a complete luminaire (luminaire head and standpipe). Please note: The standpipe height must be entered for the photometric calculation.

Weight	15.10 kg
Light distribution	asymmetric, forward throw [A60]
Light source	LED-6/26W / 1400 mA - 4000 K
CRI	80
Power supply	EC
LEDs	6
Rated input power	27 W

Nominal Lumen (lm)	
LED Lumen	575
Total Lumen	3450
Tj	85

Rated lumens (lm)	
LED Lumen	431.9
Total Lumen	2591.1
Ta	25



## Specifications

### Material description

Body	Marine-grade, all-aluminium construction. Pole section features galvanised steel reinforcement core
Lens	RFC® Reflection Free Contour main lens
Colours	<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 20px; background-color: black; margin-right: 5px;"></div> <div>RAL9004 Signal black</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 20px; background-color: #cccccc; margin-right: 5px;"></div> <div>RAL9006 White aluminium</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 20px; background-color: #808080; margin-right: 5px;"></div> <div>RAL9007 Grey aluminium</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 20px; background-color: #333333; margin-right: 5px;"></div> <div>RAL7016 Anthracite grey</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 20px; background-color: #e0e0e0; margin-right: 5px;"></div> <div>RAL9016 Traffic white</div> </div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66/IP67
Impact resistance	IK10
Corrosion resistance	5CE

### Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	DALI
Power factor	> 0.9
Surge protection	10kV (SP10)

**114-0145**

**PSY424 LED**

**we-ef**

### **Additional information**

---

Lifetime Ta=25° L90B10 > 90000h

Energy efficiency class C-D (Light source)

---

**WE-EF LEUCHTEN GmbH**

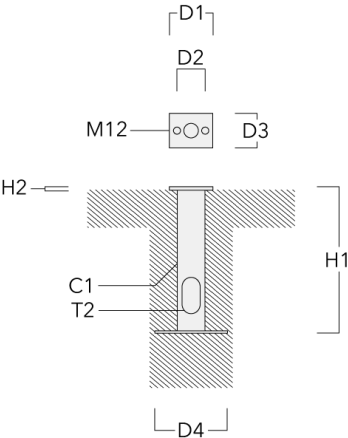
Töpinger Straße 16, 29646 Bispingen, Germany - Phone: +49 5194 909-0  
info@we-ef.com - <https://we-ef.com>

Subject to technical changes and errors. - Generated on 07/09/2025

Mounting Accessories

Planted root

Description	Part ID	C1	D1	D2	D3	D4	H1	H2	T2	Weight (kg)
Planted root ESV2	300-9115	76	120	90	95	200	400	10	62 x 100	3.80



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).  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!	90