

## FLC301 Spigot mounted

**Description**

IP66. IK07. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Safety glass lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Advanced thermal management protects LEDs while optimising lumens output. CAD-optimised optics for superior illumination and glare control. Including 1.5 m of flexible PVC free cable.

Mains voltage versions, ON-OFF Class I. Integral EC electronic converter.

24VDC low voltage versions, ON-OFF or DALI Class II can be ordered remote gear box 145-7234.

24VDC low voltage versions, ON-OFF Class III. DALI (only 4W available) Class I.

Remote 24VDC power supply to be ordered separately.

Optical accessories are factory-installed. To be specified at time of ordering.

Weight	0.70 kg
Light distribution	symmetric, wide beam [B]
Light source	LED-1/4W / 350 mA - 3000 K
CRI	80
Power supply	EC
LEDs	1
Rated input power	5 W

**Nominal Lumen (lm)**

LED Lumen	490
Total Lumen	490
Tj	85

**Rated lumens (lm)**

LED Lumen	379.1
Total Lumen	379.1
Ta	25

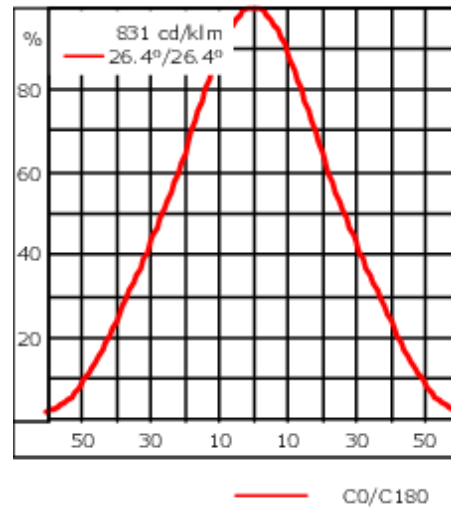
**WE-EF LIGHTING (Thailand) Co., Ltd.**

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## Specifications

### Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colours	<div style="display: flex; align-items: center; gap: 10px;"> <div style="width: 20px; height: 15px; background-color: black; margin-bottom: 5px;"></div> RAL9004 Signal black         </div> <div style="display: flex; align-items: center; gap: 10px; margin-bottom: 5px;"> <div style="width: 20px; height: 15px; background-color: #808080; margin-bottom: 5px;"></div> RAL9007 Grey aluminium         </div> <div style="display: flex; align-items: center; gap: 10px; margin-bottom: 5px;"> <div style="width: 20px; height: 15px; background-color: #404040; margin-bottom: 5px;"></div> RAL7016 Anthracite grey         </div> <div style="display: flex; align-items: center; gap: 10px;"> <div style="width: 20px; height: 15px; background-color: #e0e0e0; margin-bottom: 5px;"></div> RAL9016 Traffic white         </div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE
Windage	0.015 m <sup>2</sup>

### Electrical description

Driver / Ballast	Integral EC electronic converter (mains voltage). Integral ED electronic driver (24VDC low voltage).
Power factor	>0.9

### Additional information

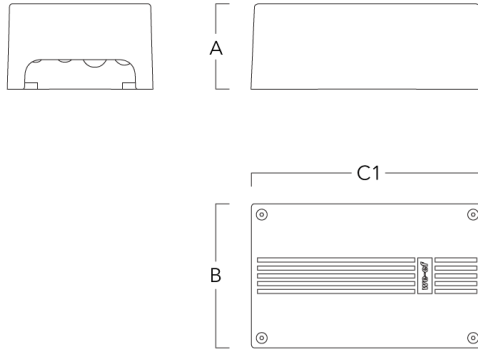
Lifetime	T <sub>a</sub> =25° L90B10 > 90000h
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**Electrical Accessories**

**Gear box**

Description	Part ID	Additional information	A	B	C1	Weight (kg)
Gear box CGB320	145-7234	Remote gear box for CLASS II	39	82	142	0.40



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**Mounting Accessories**

**Flat surface and Column fitter**

Description	Part ID	A	B	Weight (kg)
Column fitter FLC300	145-9536	70		0.20



Flat surface fitter FLC300	145-9535	100	85	0.20
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**Ground spike**

Description	Part ID	A	Weight (kg)
Ground spike EF1 for FLC300	310-9102	270	1.20



**Junction box**

Description	Part ID	A	B	C1	D1	Weight (kg)
Junction box JB1 with side entry	310-9002	107	67	135	67	1.20



145-7181+0025

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Description	Part ID	A	B	C1	D1	Weight (kg)
Junction box JB1 with wall entry	310-9025	107	67	135	67	1.10



145-7181+0025

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## Optical Accessories

### Linear spread lens

Description	Part ID	C1
Linear spread lens IO-180	145-7229	42.5



### Wallwash lens

Description	Part ID	C1
Wallwash lens IO-20	145-7230	42.5



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**Honeycomb louvre**

Description	Part ID	C1
Honeycomb louvre IW	145-7231	42.5



**Glare shield**

Description	Part ID	A	C1
Glare shield ES	145-7232	20.5	58





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**Snoot**

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Description	Part ID	A	C1
Snoot ET	145-7233	22.5	58

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## **Control**

### **DALI interface**

Description	Part ID
Low voltage DALI interface	0026

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