



### Description

IP66. IK08. 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.

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

Mains voltage versions, ON-OFF Class I. 1-10 V analogue dimming or DALI interface available on request; refer to accessory listings.

Including 0.4 m of flexible cable enclosed in a stainless conduit, in-line connector and mounting clamp for installation to RAIL66 mounting system.

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

Weight	2.10 kg
Light distribution	linear spread, very narrow beam, sharp cut-off [EES]
Light source	LED-3/6W / 180 mA - 3000 K
CRI	80
Power supply	EC
LEDs	3
Rated input power	7.5 W

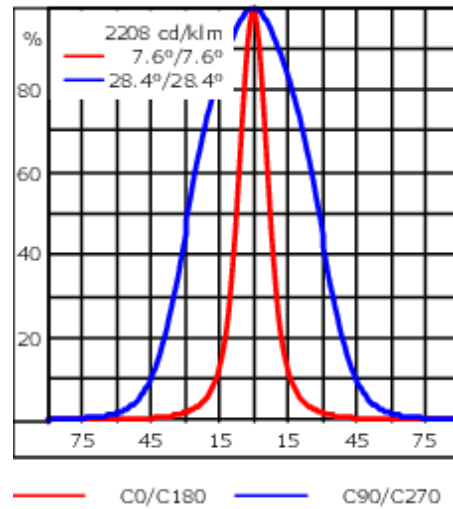
### Nominal Lumen (lm)

LED Lumen	240
Total Lumen	720
T <sub>j</sub>	85

### Rated lumens (lm)

LED Lumen	176.1
Total Lumen	528.4
T <sub>a</sub>	25

**FLC311 RAIL66**



**Specifications**

**Material description**

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass 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: #cccccc; margin-right: 5px;"></div> <span>RAL9006 White aluminium</span> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #808080; 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: #333333; 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: #e0e0e0; margin-right: 5px;"></div> <span>RAL9016 Traffic white</span> </div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	0.045 m <sup>2</sup>

**Electrical description**

Driver / Ballast	DALI
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**Additional information**

Lifetime	Ta=25° L90B10 > 90000h
Energy efficiency class	D-E (Light source)

**Mounting Accessories**

**Universal**

Description	Part ID	C1	C2	H1	M1	Weight (kg)	L1	L2
2 Mains outlets (L=1150)	310-9200	75	30	200	12	5.90	1150	1045



3 Mains outlets (L=1150)	310-9202	75	30	200	12	5.90	1150	1045
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Description	Part ID	C1	C2	H1	M1	Weight (kg)	L1	L2
3 Mains outlets (L=1650)	310-9210	75	30	200	12	7.20	1650	1545



4 Mains outlets (L=1650)	310-9212	75	30	200	12	7.20	1650	1545
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**FLC311 RAIL66**

Description	Part ID	C1	C2	H1	M1	Weight (kg)	L1	L2
4 Mains outlets (L=2150)	310-9220	75	30	200	12	8.50	2150	2045



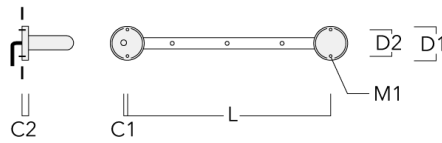
6 Mains outlets (L=2150)	310-9222	75	30	200	12	8.50	2150	2045
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**FLC311 RAIL66**

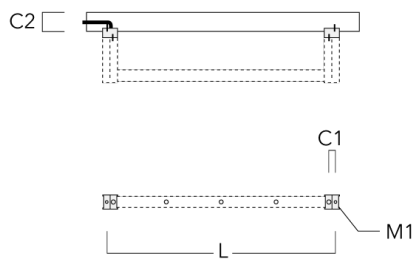
**Flat Surface Fitters**

Description	Part ID	C1	C2	D1	D2	L	M1	Weight (kg)
Surface fitters (pair)	310-9290	20	30	180	140	1070	9	1.70



**Column Fitters**

Description	Part ID	C1	C2	L	M1	Weight (kg)
Column fitters (pair)	310-9294	30	100	1115	12	0.90



145-7738+145-7781

FLC311 RAIL66

**we-ef**

## Control

### Eco Step Dim® Advanced

Description	Part ID
Eco Step Dim® Advanced LED	430-0002

### 0-10 V, 24VDC low voltage version

Description	Part ID
24VDC low voltage version, 0-10 V	0033

**Fagerhult Lighting Ltd**

33-34 Dolben Street, SE1 0UQ London, United Kingdom

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

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

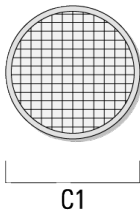
### Optical Accessories

#### Flood lens

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Description	Part ID	C1
IO-360-FLC311 for [EE]	145-7786	59

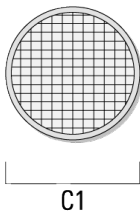
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IO-360-FLC311 for [EES]	145-7780	59
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**FLC311 RAIL66**

**Linear spread lens**

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Description	Part ID	C1
IO-180-FLC311	145-7781	59

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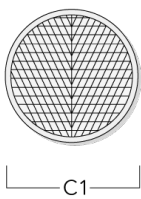
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**Wallwash lens**

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Description	Part ID	C1
IO-20-FLC311	145-7782	59

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**FLC311 RAIL66**

**Honeycomb louvre**

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Description	Part ID	C1
IW-FLC311	145-7783	59

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**Glare shield**

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Description	Part ID	A	C1
ES-FLC311	145-7784	34	85

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**FLC311 RAIL66**

**Snoot**

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Description	Part ID	A	C1
ET-FLC311	145-7785	34	85

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