

**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.

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 only, ON-OFF. Class I. 1-10 V analogue dimming or DALI interface available on request (converter in thermally-separated compartment); 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.

### Specifications

#### Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colours	<div style="display: flex; flex-direction: column; gap: 5px;"> <div> RAL9004 Signal black</div> <div> RAL9006 White aluminium</div> <div> RAL9007 Grey aluminium</div> <div> RAL7016 Anthracite grey</div> <div> RAL9016 Traffic white</div> </div>
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE

#### Electrical description

Driver / Ballast	Integral EC electronic converter
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#### Additional information

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

**Options**

**Light distribution**



symmetric, wide beam [B]



symmetric, medium beam [M]



symmetric, narrow beam [E]



symmetric, very narrow beam [EE]



symmetric, very narrow beam, sharp cut-off [EES]



linear spread, very narrow beam [EE]



linear spread, very narrow beam, sharp cut-off [EES]



wallwash

**Colour temperature**



2700 K



3000 K

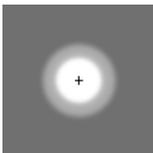
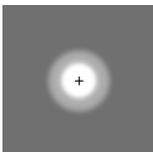
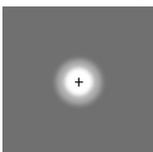
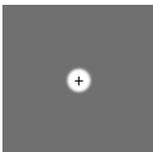
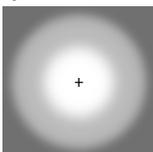


4000 K

**Nominal Watt**

0 W

## Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
linear spread, very narrow beam [EE] 	145-7222+145-7229	LED-1/4W / 350 mA - 2700 K	384.7	5 W	80	1.20
	145-7223+145-7229	LED-1/4W / 350 mA - 3000 K	406.1	5 W	80	1.20
	145-7224+145-7229	LED-1/4W / 350 mA - 4000 K	439.2	5 W	80	1.20
linear spread, very narrow beam, sharp cut-off [EES] 	145-7225+145-7229	LED-1/4W / 350 mA - 2700 K	343.5	5 W	80	1.20
	145-7226+145-7229	LED-1/4W / 350 mA - 3000 K	343.5	5 W	80	1.20
	145-7227+145-7229	LED-1/4W / 350 mA - 4000 K	369.9	5 W	80	1.20
symmetric, medium beam [M] 	145-7219	LED-1/4W / 350 mA - 2700 K	398.4	5 W	80	1.20
	145-7220	LED-1/4W / 350 mA - 3000 K	398.4	5 W	80	1.20
	145-7221	LED-1/4W / 350 mA - 4000 K	431	5 W	80	1.20
symmetric, narrow beam [E] 	145-7249	LED-1/4W / 350 mA - 2700 K	415.2	5 W	80	1.20
	145-7250	LED-1/4W / 350 mA - 3000 K	415.2	5 W	80	1.20
	145-7251	LED-1/4W / 350 mA - 4000 K	449.1	5 W	80	1.20
symmetric, very narrow beam [EE] 	145-7222	LED-1/4W / 350 mA - 2700 K	415.5	5 W	80	1.20
	145-7223	LED-1/4W / 350 mA - 3000 K	415.5	5 W	80	1.20
	145-7224	LED-1/4W / 350 mA - 4000 K	449.5	5 W	80	1.20
symmetric, very narrow beam, sharp cut-off [EES] 	145-7225	LED-1/4W / 350 mA - 2700 K	382.2	5 W	80	1.20
	145-7226	LED-1/4W / 350 mA - 3000 K	382.2	5 W	80	1.20
	145-7227	LED-1/4W / 350 mA - 4000 K	411.6	5 W	80	1.20
symmetric, wide beam [B] 	145-7216	LED-1/4W / 350 mA - 2700 K	379.1	5 W	80	1.20
	145-7217	LED-1/4W / 350 mA - 3000 K	379.1	5 W	80	1.20
	145-7218	LED-1/4W / 350 mA - 4000 K	410.1	5 W	80	1.20
wallwash	145-7219+145-7230	LED-1/4W / 350 mA - 2700 K	331.7	5 W	80	1.20

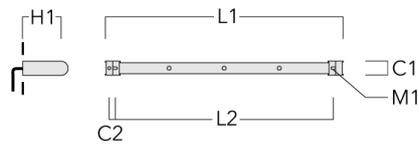
**RAIL66**

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	145-7220+145-7230	LED-1/4W / 350 mA - 3000 K	331.7	5 W	80	1.20
	145-7221+145-7230	LED-1/4W / 350 mA - 4000 K	358.8	5 W	80	1.20

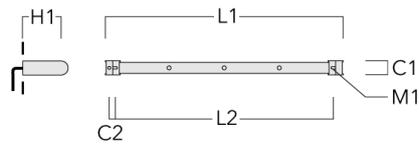
**Mounting Accessories**

**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

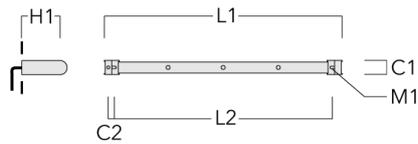


3 Mains outlets (L=1150)	310-9202	75	30	200	12	5.90	1150	1045
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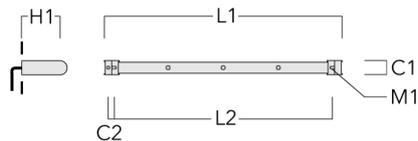


**RAIL66**

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

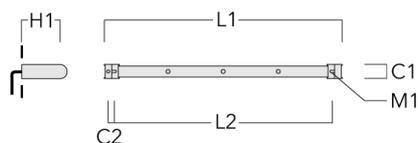


4 Mains outlets (L=1650)	310-9212	75	30	200	12	7.20	1650	1545
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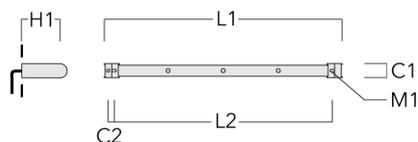


**RAIL66**

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



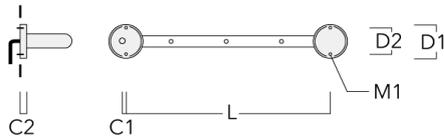
6 Mains outlets (L=2150)	310-9222	75	30	200	12	8.50	2150	2045
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**RAIL66**

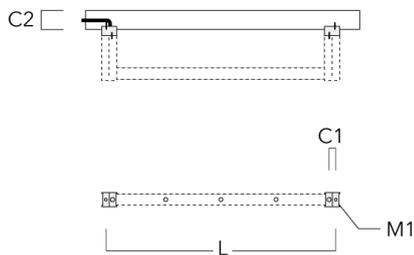
**Flat Surface Fitters**

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**

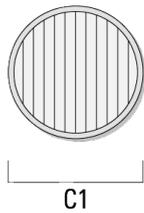
Description	Part ID	C1	C2	L	M1	Weight (kg)
Column fitters (pair)	310-9294	30	100	1115	12	0.90



## Optical Accessories

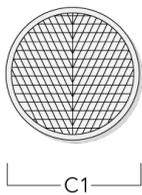
### Linear spread lens

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



### Wallwash lens

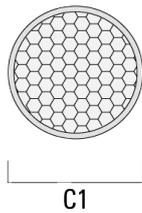
Description	Part ID	C1
IO-20-WW-FLC301-LED	145-7230	42.5



**RAIL66**

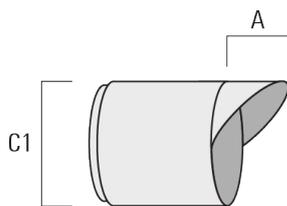
**Honeycomb louvre**

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



**RAIL66**

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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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