

**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**

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Body	Marine-grade, die-cast aluminium alloy
Lens	Safety glass lens
Colours	 RAL9004 Signal black  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS hardware
Ingress protection	IP66
Impact resistance	IK07
Corrosion resistance	5CE

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**Electrical description**

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

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Lifetime	Ta=25° L90B10 > 90000h
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### 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

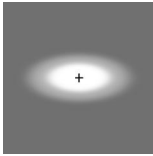
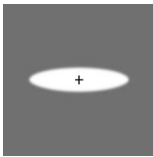
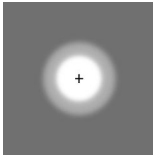
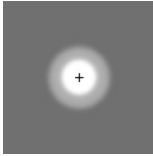
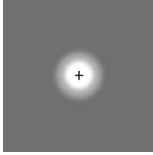


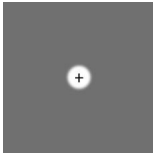
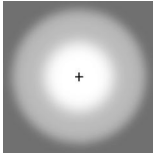

4000 K

#### Nominal Watt

0 W

**Configurations**

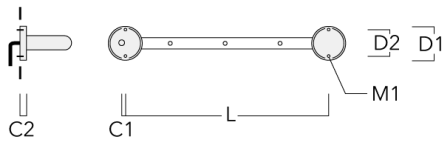
Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
linear spread, very narrow beam [EE] 	145-7222+145-7229	LED-1/4W / 350 mA - 2700 K	384.7	5 W	80	1.20
	145-7223+145-7229	LED-1/4W / 350 mA - 3000 K	406.1	5 W	80	1.20
	145-7224+145-7229	LED-1/4W / 350 mA - 4000 K	439.2	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
	145-7258	LED-1/4W / 350 mA - 2700 K	400.8	5 W	80	1.90
	145-7259	LED-1/4W / 350 mA - 3000 K	398.4	5 W	80	1.90
	145-7260	LED-1/4W / 350 mA - 4000 K	430.9	5 W	80	1.90
	145-7303	LED-1/6W / 500 mA - 2700 K	544.8	7.5 W	80	1.90
	145-7304	LED-1/6W / 500 mA - 3000 K	544.8	7.5 W	80	1.90
	145-7305	LED-1/6W / 500 mA - 4000 K	585.5	7.5 W	80	1.90
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
	145-7261	LED-1/4W / 350 mA - 2700 K	417.6	5 W	80	1.90
	145-7262	LED-1/4W / 350 mA - 3000 K	415	5 W	80	1.90
	145-7263	LED-1/4W / 350 mA - 4000 K	448.9	5 W	80	1.90
	145-7306	LED-1/6W / 500 mA - 2700 K	567.7	7.5 W	80	1.90
	145-7307	LED-1/6W / 500 mA - 3000 K	567.7	7.5 W	80	1.90
	145-7308	LED-1/6W / 500 mA - 4000 K	610.1	7.5 W	80	1.90
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
	145-7264	LED-1/4W / 350 mA - 2700 K	418.1	5 W	80	1.90
	145-7265	LED-1/4W / 350 mA - 3000 K	415.5	5 W	80	1.90
	145-7266	LED-1/4W / 350 mA - 4000 K	449.4	5 W	80	1.90
	145-7309	LED-1/6W / 500 mA - 2700 K	568.2	7.5 W	80	1.90

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)	
symmetric, very narrow beam, sharp cut-off [EES] 	145-7310	LED-1/6W / 500 mA - 3000 K	568.2	7.5 W	80	1.90	
	145-7311	LED-1/6W / 500 mA - 4000 K	610.6	7.5 W	80	1.90	
	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	
	145-7267	LED-1/4W / 350 mA - 2700 K	382.2	5 W	80	1.90	
	145-7268	LED-1/4W / 350 mA - 3000 K	382.2	5 W	80	1.90	
	145-7269	LED-1/4W / 350 mA - 4000 K	411.6	5 W	80	1.90	
	145-7312	LED-1/6W / 500 mA - 2700 K	516.6	7.5 W	80	1.90	
	145-7313	LED-1/6W / 500 mA - 3000 K	516.6	7.5 W	80	1.90	
	145-7314	LED-1/6W / 500 mA - 4000 K	558.6	7.5 W	80	1.90	
	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
145-7255		LED-1/4W / 350 mA - 2700 K	378.8	5 W	80	1.90	
145-7256		LED-1/4W / 350 mA - 3000 K	378.8	5 W	80	1.90	
145-7257		LED-1/4W / 350 mA - 4000 K	409.7	5 W	80	1.90	
145-7300		LED-1/6W / 500 mA - 2700 K	518.4	7.5 W	80	1.90	
145-7301		LED-1/6W / 500 mA - 3000 K	518.4	7.5 W	80	1.90	
145-7302		LED-1/6W / 500 mA - 4000 K	557.1	7.5 W	80	1.90	
wallwash 		145-7219+145-7230	LED-1/4W / 350 mA - 2700 K	331.7	5 W	80	1.20
	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**

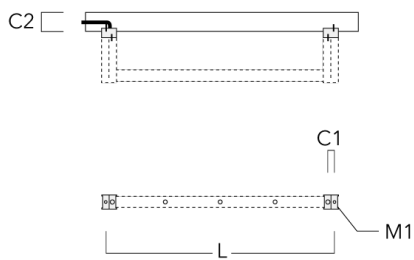
**Flat Surface Fitters**

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**

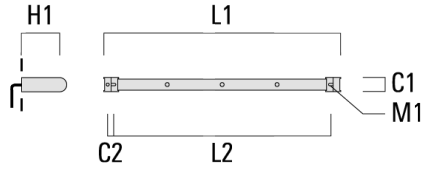
Description	Part ID	C1	C2	L	M1	Weight (kg)
Column fitters (pair)	310-9294	30	100	1115	12	0.90



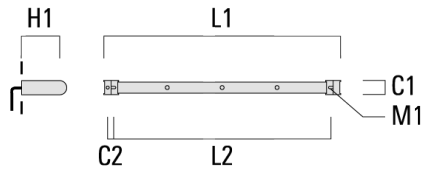
**RAIL66**

**Universal**

Description	Part ID	C1	C2	H1	M1	Weight (kg)	L1	L2
2 Mains outlets (L=1150)	310-9300	75	30	200	12	5.90	1150	1045



3 Mains outlets (L=1150)	310-9301	75	30	200	12	5.90	1150	1045
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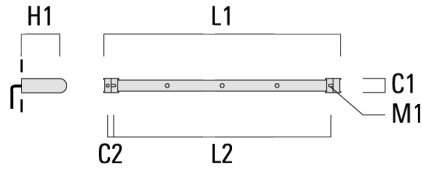


**RAIL66**

Description	Part ID	C1	C2	H1	M1	Weight (kg)	L1	L2
3 Mains outlets (L=1650)	310-9302	75	30	200	12	7.20	1650	1545



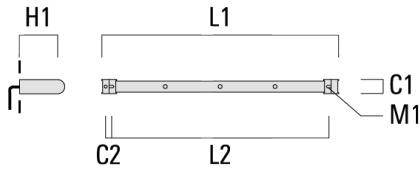
4 Mains outlets (L=1650)	310-9303	75	30	200	12	7.20	1650	1545
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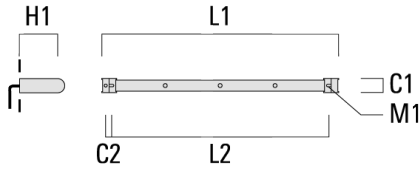


**RAIL66**

Description	Part ID	C1	C2	H1	M1	Weight (kg)	L1	L2
4 Mains outlets (L=2150)	310-9304	75	30	200	12	8.50	2150	2045

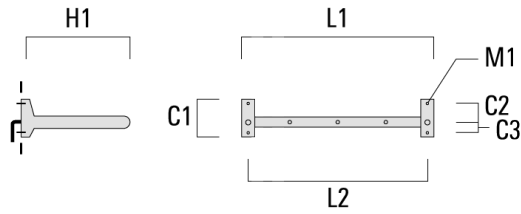


6 Mains outlets (L=2150)	310-9305	75	30	200	12	8.50	2150	2045
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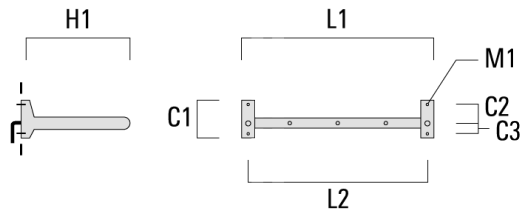


**Cantilever**

Description	Part ID	C1	C2	C3	H1	M1	Weight (kg)	L1	L2
2 Mains outlets (L=1150)	310-9233	220	120	60	600	13	12.00	1150	1070

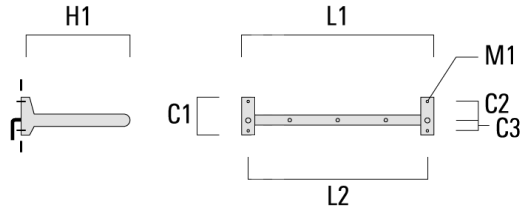


3 Mains outlets (L=1150)	310-9234	220	120	60	600	13	12.00	1150	1070
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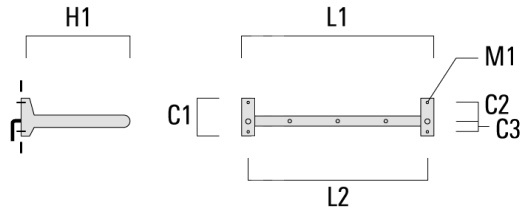


**RAIL66**

Description	Part ID	C1	C2	C3	H1	M1	Weight (kg)	L1	L2
3 Mains outlets (L=1650)	310-9243	220	120	60	600	13	13.30	1650	1570

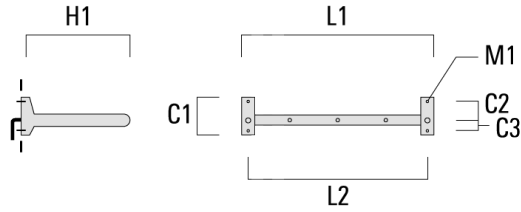


4 Mains outlets (L=1650)	310-9244	220	120	60	600	13	13.30	1650	1570
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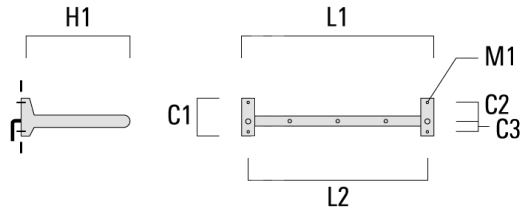


**RAIL66**

Description	Part ID	C1	C2	C3	H1	M1	Weight (kg)	L1	L2
4 Mains outlets (L=2150)	310-9255	220	120	60	600	13	14.60	2150	2070

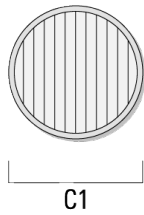


6 Mains outlets (L=2150)	310-9256	220	120	60	600	13	14.60	2150	2070
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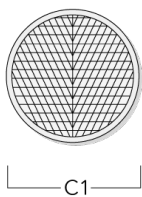


**Optical Accessories****Linear spread lens**

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

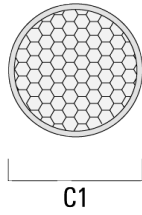
**Wallwash lens**

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



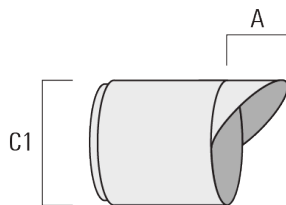
**Honeycomb louvre**

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**

**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	Additional information
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!

**1-10 V analogue dimming interface**

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