

Description

IP66, Class I or Class II. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. CCG® Controlled Compression Gasket. Non-reflective flat safety glass cover, hinged. Integral EC electronic converter. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. The luminaire is factory-sealed and does not need to be opened during installation. Can be used as post top or side entry version. Specification at time of order is recommended.

Spigot Ø 76 x 100 mm. Spigot Ø 60 x 100 mm or 42 x 100 mm option available. Must be indicated during order placement.

Contact WE-EF direct or your local WE-EF sales representative for an individual solution designed to precisely meet your needs.

Photometric files (IES, LDT) for light distributions [S61] [S65] [S66] [S70] [R60] [R61] [P66] [Q66] [A61] with Backlight Shield on request.

Pole mounted

Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	Non-reflective safety glass lens
Colours	 RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white
Gasket	CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	0.146 m ²

Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter. DALI
Power factor	> 0.9
Surge protection	6/6kV, optional 10kV

Additional information

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

Options

Light distribution

Colour temperature

Nominal Watt



asymmetric, side throw beam [S61]



asymmetric, side throw beam [S66]



asymmetric, side throw beam [S65]



asymmetric, side throw [S70]



pedestrian crossing, right-hand traffic [P46R]



rectangular, side throw [R60]



pedestrian/bicycle lane [P66]



asymmetric, forward throw [A61]



square distribution [Q66]



pedestrian crossing, left-hand traffic [P46L]



asymmetric, side throw [S71]



rectangular, side throw [R61]



2200 K



2700 K



3000 K



4000 K

24 W

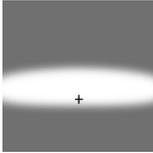
36 W

72 W

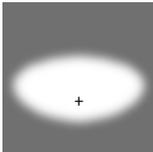
Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, forward throw [A61] 	102-0026	LED-24/24W / 350 mA - 2200 K	3136.5	26.5 W	70	7.00
	102-0027	LED-24/24W / 350 mA - 2700 K	3136.5	26.5 W	80	7.00
	102-0027-70	LED-24/24W / 350 mA - 2700 K	3352.9	26.5 W	70	7.00
	102-0028	LED-24/24W / 350 mA - 3000 K	3352.9	26.5 W	80	7.00
	102-0028-70	LED-24/24W / 350 mA - 3000 K	3893.6	26.5 W	70	7.00
	102-0029	LED-24/24W / 350 mA - 4000 K	3677.3	26.5 W	80	7.00
	102-0029-70	LED-24/24W / 350 mA - 4000 K	4110	26.5 W	70	7.00
	102-0071	LED-24/36W / 500 mA - 2200K	4120.3	39 W	70	7.00
	102-0072	LED-24/36W / 500 mA - 2700K	4120.3	39 W	80	7.00
	102-0072-70	LED-24/36W / 500 mA - 2700K	4429.4	39 W	70	7.00
	102-0073	LED-24/36W / 500 mA - 3000 K	4429.4	39 W	80	7.00
	102-0073-70	LED-24/36W / 500 mA - 3000 K	5047.4	39 W	70	7.00
	102-0074	LED-24/36W / 500 mA - 4000 K	4738.4	39 W	80	7.00
	102-0074-70	LED-24/36W / 500 mA - 4000 K	5356.4	39 W	70	7.00
	102-0116	LED-24/48W / 700 mA - 2200 K	5562.5	54 W	70	7.00
	102-0117	LED-24/48W / 700 mA - 2700 K	5562.5	54 W	80	7.00
	102-0117-70	LED-24/48W / 700 mA - 2700 K	5974.5	54 W	70	7.00
	102-0118	LED-24/48W / 700 mA - 3000 K	5974.5	54 W	80	7.00
	102-0118-70	LED-24/48W / 700 mA - 3000 K	6798.6	54 W	70	7.00
	102-0119	LED-24/48W / 700 mA - 4000 K	6386.5	54 W	80	7.00
	102-0119-70	LED-24/48W / 700 mA - 4000 K	7210.6	54 W	70	7.00
	102-0880	LED-24/72W / 1050 mA - 2200 K	7614.4	79 W	70	7.00
	102-0881	LED-24/72W / 1050 mA - 2700 K	7416.7	79 W	80	7.00
	102-0881-70	LED-24/72W / 1050 mA - 2700 K	8010	79 W	70	7.00
	102-0882	LED-24/72W / 1050 mA - 3000 K	8010	79 W	80	7.00
	102-0882-70	LED-24/72W / 1050 mA - 3000 K	9097.8	79 W	70	7.00
	102-0883	LED-24/72W / 1050 mA - 4000 K	8504.4	79 W	80	7.00
102-0883-70	LED-24/72W / 1050 mA - 4000 K	9691.1	79 W	70	7.00	
asymmetric, side throw [S70] 	102-0011	LED-24/24W / 350 mA - 2200 K	3229.6	26.5 W	70	7.00
	102-0012	LED-24/24W / 350 mA - 2700 K	3229.6	26.5 W	80	7.00
	102-0012-70	LED-24/24W / 350 mA - 2700 K	3452.3	26.5 W	70	7.00
	102-0013	LED-24/24W / 350 mA - 3000 K	3452.3	26.5 W	80	7.00
	102-0013-70	LED-24/24W / 350 mA - 3000 K	4009.2	26.5 W	70	7.00
	102-0014	LED-24/24W / 350 mA - 4000 K	3786.4	26.5 W	80	7.00

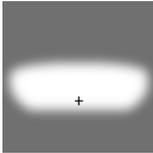
Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	102-0014-70	LED-24/24W / 350 mA - 4000 K	4231.9	26.5 W	70	7.00
	102-0056	LED-24/36W / 500 mA - 2200K	4242.6	39 W	70	7.00
	102-0057	LED-24/36W / 500 mA - 2700K	4242.6	39 W	80	7.00
	102-0057-70	LED-24/36W / 500 mA - 2700K	4560.8	39 W	70	7.00
	102-0058	LED-24/36W / 500 mA - 3000 K	4560.8	39 W	80	7.00
	102-0058-70	LED-24/36W / 500 mA - 3000 K	5197.2	39 W	70	7.00
	102-0059	LED-24/36W / 500 mA - 4000 K	4879	39 W	80	7.00
	102-0059-70	LED-24/36W / 500 mA - 4000 K	5515.4	39 W	70	7.00
	102-0101	LED-24/48W / 700 mA - 2200 K	5727.6	54 W	70	7.00
	102-0102	LED-24/48W / 700 mA - 2700 K	5727.6	54 W	80	7.00
	102-0102-70	LED-24/48W / 700 mA - 2700 K	6151.8	54 W	70	7.00
	102-0103	LED-24/48W / 700 mA - 3000 K	6151.8	54 W	80	7.00
	102-0103-70	LED-24/48W / 700 mA - 3000 K	7000.3	54 W	70	7.00
	102-0104	LED-24/48W / 700 mA - 4000 K	6576.1	54 W	80	7.00
	102-0104-70	LED-24/48W / 700 mA - 4000 K	7424.6	54 W	70	7.00
	102-0868	LED-24/72W / 1050 mA - 2200 K	7840.5	79 W	70	7.00
	102-0869	LED-24/72W / 1050 mA - 2700 K	7636.9	79 W	80	7.00
	102-0869-70	LED-24/72W / 1050 mA - 2700 K	8247.8	79 W	70	7.00
	102-0870	LED-24/72W / 1050 mA - 3000 K	8247.8	79 W	80	7.00
	102-0870-70	LED-24/72W / 1050 mA - 3000 K	9367.9	79 W	70	7.00
	102-0871	LED-24/72W / 1050 mA - 4000 K	8756.9	79 W	80	7.00
	102-0871-70	LED-24/72W / 1050 mA - 4000 K	9978.8	79 W	70	7.00
asymmetric, side throw [S71]	102-0312	LED-24/24W / 350 mA - 2200 K	2971.1	26.5 W	70	7.00
	102-0313	LED-24/24W / 350 mA - 2700 K	2971.1	26.5 W	80	7.00
	102-0313-70	LED-24/24W / 350 mA - 2700 K	3176	26.5 W	70	7.00
	102-0314	LED-24/24W / 350 mA - 3000 K	3176	26.5 W	80	7.00
	102-0314-70	LED-24/24W / 350 mA - 3000 K	3688.3	26.5 W	70	7.00
	102-0315	LED-24/24W / 350 mA - 4000 K	3483.4	26.5 W	80	7.00
	102-0315-70	LED-24/24W / 350 mA - 4000 K	3893.2	26.5 W	70	7.00
	102-0324	LED-24/36W / 500 mA - 2200K	3903.1	39 W	70	7.00
	102-0325	LED-24/36W / 500 mA - 2700K	3903.1	39 W	80	7.00
	102-0325-70	LED-24/36W / 500 mA - 2700K	4195.8	39 W	70	7.00
	102-0326	LED-24/36W / 500 mA - 3000 K	4195.8	39 W	80	7.00
	102-0326-70	LED-24/36W / 500 mA - 3000 K	4781.3	39 W	70	7.00
	102-0327	LED-24/36W / 500 mA - 4000 K	4488.5	39 W	80	7.00
	102-0327-70	LED-24/36W / 500 mA - 4000 K	5074	39 W	70	7.00

Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	102-0336	LED-24/48W / 700 mA - 2200 K	5269.1	54 W	70	7.00
	102-0337	LED-24/48W / 700 mA - 2700 K	5269.1	54 W	80	7.00
	102-0337-70	LED-24/48W / 700 mA - 2700 K	5659.4	54 W	70	7.00
	102-0338	LED-24/48W / 700 mA - 3000 K	5659.4	54 W	80	7.00
	102-0338-70	LED-24/48W / 700 mA - 3000 K	6440.1	54 W	70	7.00
	102-0339	LED-24/48W / 700 mA - 4000 K	6049.8	54 W	80	7.00
	102-0339-70	LED-24/48W / 700 mA - 4000 K	6830.4	54 W	70	7.00
	102-0900	LED-24/72W / 1050 mA - 2200 K	7213	79 W	70	7.00
	102-0901	LED-24/72W / 1050 mA - 2700 K	7025.7	79 W	80	7.00
	102-0901-70	LED-24/72W / 1050 mA - 2700 K	7587.7	79 W	70	7.00
	102-0902	LED-24/72W / 1050 mA - 3000 K	7587.7	79 W	80	7.00
	102-0902-70	LED-24/72W / 1050 mA - 3000 K	8618.1	79 W	70	7.00
	102-0903	LED-24/72W / 1050 mA - 4000 K	8056.1	79 W	80	7.00
	102-0903-70	LED-24/72W / 1050 mA - 4000 K	8056.1	79 W	70	7.00
asymmetric, side throw beam [S61]	102-0001	LED-24/24W / 350 mA - 2200 K	3309.7	26.5 W	70	7.00
	102-0002	LED-24/24W / 350 mA - 2700 K	3309.7	26.5 W	80	7.00
	102-0002-70	LED-24/24W / 350 mA - 2700 K	3537.9	26.5 W	70	7.00
	102-0003	LED-24/24W / 350 mA - 3000 K	3537.9	26.5 W	80	7.00
	102-0003-70	LED-24/24W / 350 mA - 3000 K	4108.6	26.5 W	70	7.00
	102-0004	LED-24/24W / 350 mA - 4000 K	3880.3	26.5 W	80	7.00
	102-0004-70	LED-24/24W / 350 mA - 4000 K	4336.8	26.5 W	70	7.00
	102-0046	LED-24/36W / 500 mA - 2200K	4347.8	39 W	70	7.00
	102-0047	LED-24/36W / 500 mA - 2700K	4347.8	39 W	80	7.00
	102-0047-70	LED-24/36W / 500 mA - 2700K	4673.9	39 W	70	7.00
	102-0048	LED-24/36W / 500 mA - 3000 K	4673.9	39 W	80	7.00
	102-0048-70	LED-24/36W / 500 mA - 3000 K	5326.1	39 W	70	7.00
	102-0049	LED-24/36W / 500 mA - 4000 K	5000	39 W	80	7.00
	102-0049-70	LED-24/36W / 500 mA - 4000 K	5652.2	39 W	70	7.00
	102-0091	LED-24/48W / 700 mA - 2200 K	5869.6	54 W	70	7.00
	102-0092	LED-24/48W / 700 mA - 2700 K	5869.6	54 W	80	7.00
	102-0092-70	LED-24/48W / 700 mA - 2700 K	6304.4	54 W	70	7.00
	102-0093	LED-24/48W / 700 mA - 3000 K	6304.4	54 W	80	7.00
	102-0093-70	LED-24/48W / 700 mA - 3000 K	7173.9	54 W	70	7.00
	102-0094	LED-24/48W / 700 mA - 4000 K	6739.1	54 W	80	7.00
	102-0094-70	LED-24/48W / 700 mA - 4000 K	7608.7	54 W	70	7.00
	102-0860	LED-24/72W / 1050 mA - 2200 K	8034.9	79 W	70	7.00

Pole mounted

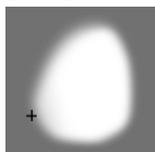
Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	102-0861	LED-24/72W / 1050 mA - 2700 K	7826.2	79 W	80	7.00
	102-0861-70	LED-24/72W / 1050 mA - 2700 K	8452.3	79 W	70	7.00
	102-0862	LED-24/72W / 1050 mA - 3000 K	8452.3	79 W	80	7.00
	102-0862-70	LED-24/72W / 1050 mA - 3000 K	9600.2	79 W	70	7.00
	102-0863	LED-24/72W / 1050 mA - 4000 K	8974.1	79 W	80	7.00
	102-0863-70	LED-24/72W / 1050 mA - 4000 K	10226.3	79 W	70	7.00
asymmetric, side throw beam [S65]	102-0006	LED-24/24W / 350 mA - 2200 K	3301.3	26.5 W	70	7.00
	102-0007	LED-24/24W / 350 mA - 2700 K	3301.3	26.5 W	80	7.00
	102-0007-70	LED-24/24W / 350 mA - 2700 K	3529	26.5 W	70	7.00
	102-0008	LED-24/24W / 350 mA - 3000 K	3529	26.5 W	80	7.00
	102-0008-70	LED-24/24W / 350 mA - 3000 K	4098.2	26.5 W	70	7.00
	102-0009	LED-24/24W / 350 mA - 4000 K	3870.5	26.5 W	80	7.00
	102-0009-70	LED-24/24W / 350 mA - 4000 K	4325.9	26.5 W	70	7.00
	102-0051	LED-24/36W / 500 mA - 2200K	4336.8	39 W	70	7.00
	102-0052	LED-24/36W / 500 mA - 2700K	4336.8	39 W	80	7.00
	102-0052-70	LED-24/36W / 500 mA - 2700K	4662.1	39 W	70	7.00
	102-0053	LED-24/36W / 500 mA - 3000 K	4662.1	39 W	80	7.00
	102-0053-70	LED-24/36W / 500 mA - 3000 K	5312.6	39 W	70	7.00
	102-0054	LED-24/36W / 500 mA - 4000 K	4987.4	39 W	80	7.00
	102-0054-70	LED-24/36W / 500 mA - 4000 K	5637.9	39 W	70	7.00
	102-0096	LED-24/48W / 700 mA - 2200 K	5854.7	54 W	70	7.00
	102-0097	LED-24/48W / 700 mA - 2700 K	5854.7	54 W	80	7.00
	102-0097-70	LED-24/48W / 700 mA - 2700 K	6288.4	54 W	70	7.00
	102-0098	LED-24/48W / 700 mA - 3000 K	6288.4	54 W	80	7.00
	102-0098-70	LED-24/48W / 700 mA - 3000 K	7155.8	54 W	70	7.00
	102-0099	LED-24/48W / 700 mA - 4000 K	6722.1	54 W	80	7.00
	102-0099-70	LED-24/48W / 700 mA - 4000 K	7589.5	54 W	70	7.00
	102-0864	LED-24/72W / 1050 mA - 2200 K	8014.7	79 W	70	7.00
	102-0865	LED-24/72W / 1050 mA - 2700 K	7806.5	79 W	80	7.00
	102-0865-70	LED-24/72W / 1050 mA - 2700 K	8431	79 W	70	7.00
	102-0866	LED-24/72W / 1050 mA - 3000 K	8431	79 W	80	7.00
	102-0866-70	LED-24/72W / 1050 mA - 3000 K	9576	79 W	70	7.00
	102-0867	LED-24/72W / 1050 mA - 4000 K	8951.4	79 W	80	7.00
	102-0867-70	LED-24/72W / 1050 mA - 4000 K	10200.5	79 W	70	7.00
asymmetric, side throw beam [S66]	102-0308	LED-24/24W / 350 mA - 2200 K	3279.6	26.5 W	70	7.00
	102-0309	LED-24/24W / 350 mA - 2700 K	3279.6	26.5 W	80	7.00

Pole mounted

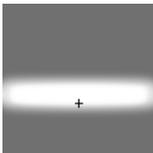
Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	102-0309-70	LED-24/24W / 350 mA - 2700 K	3505.7	26.5 W	70	7.00
	102-0310	LED-24/24W / 350 mA - 3000 K	3505.7	26.5 W	80	7.00
	102-0310-70	LED-24/24W / 350 mA - 3000 K	4071.2	26.5 W	70	7.00
	102-0311	LED-24/24W / 350 mA - 4000 K	3845	26.5 W	80	7.00
	102-0311-70	LED-24/24W / 350 mA - 4000 K	4297.3	26.5 W	70	7.00
	102-0320	LED-24/36W / 500 mA - 2200K	4308.2	39 W	70	7.00
	102-0321	LED-24/36W / 500 mA - 2700K	4308.2	39 W	80	7.00
	102-0321-70	LED-24/36W / 500 mA - 2700K	4631.3	39 W	70	7.00
	102-0322	LED-24/36W / 500 mA - 3000 K	4631.3	39 W	80	7.00
	102-0322-70	LED-24/36W / 500 mA - 3000 K	5277.6	39 W	70	7.00
	102-0323	LED-24/36W / 500 mA - 4000 K	4954.5	39 W	80	7.00
	102-0323-70	LED-24/36W / 500 mA - 4000 K	5600.7	39 W	70	7.00
	102-0332	LED-24/48W / 700 mA - 2200 K	5816.1	54 W	70	7.00
	102-0333	LED-24/48W / 700 mA - 2700 K	5816.1	54 W	80	7.00
	102-0333-70	LED-24/48W / 700 mA - 2700 K	6246.9	54 W	70	7.00
	102-0334	LED-24/48W / 700 mA - 3000 K	6246.9	54 W	80	7.00
	102-0334-70	LED-24/48W / 700 mA - 3000 K	7108.6	54 W	70	7.00
	102-0335	LED-24/48W / 700 mA - 4000 K	6677.7	54 W	80	7.00
	102-0335-70	LED-24/48W / 700 mA - 4000 K	7539.4	54 W	70	7.00
	pedestrian crossing, left-hand traffic [P46L] 	102-0896	LED-24/72W / 1050 mA - 2200 K	7961.8	79 W	70
102-0897		LED-24/72W / 1050 mA - 2700 K	7755	79 W	80	7.00
102-0897-70		LED-24/72W / 1050 mA - 2700 K	8375.4	79 W	70	7.00
102-0898		LED-24/72W / 1050 mA - 3000 K	8375.4	79 W	80	7.00
102-0898-70		LED-24/72W / 1050 mA - 3000 K	9512.8	79 W	70	7.00
102-0899		LED-24/72W / 1050 mA - 4000 K	8892.4	79 W	80	7.00
102-0899-70		LED-24/72W / 1050 mA - 4000 K	10133.1	79 W	70	7.00
102-0041		LED-24/24W / 350 mA - 2200 K	3428.3	26.5 W	70	7.00
102-0042		LED-24/24W / 350 mA - 2700 K	3428.3	26.5 W	80	7.00
102-0042-70		LED-24/24W / 350 mA - 2700 K	3664.7	26.5 W	70	7.00
102-0043	LED-24/24W / 350 mA - 3000 K	3664.7	26.5 W	80	7.00	
102-0043-70	LED-24/24W / 350 mA - 3000 K	4255.8	26.5 W	70	7.00	
102-0044	LED-24/24W / 350 mA - 4000 K	4019.4	26.5 W	80	7.00	
102-0044-70	LED-24/24W / 350 mA - 4000 K	4492.3	26.5 W	70	7.00	
102-0086	LED-24/36W / 500 mA - 2200K	4572.7	39 W	70	7.00	
102-0087	LED-24/36W / 500 mA - 2700K	4572.7	39 W	80	7.00	
102-0087-70	LED-24/36W / 500 mA - 2700K	4915.6	39 W	70	7.00	

Pole mounted

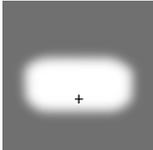
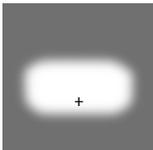
Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	102-0088	LED-24/36W / 500 mA - 3000 K	4915.6	39 W	80	7.00
	102-0088-70	LED-24/36W / 500 mA - 3000 K	5601.5	39 W	70	7.00
	102-0089	LED-24/36W / 500 mA - 4000 K	5258.6	39 W	80	7.00
	102-0089-70	LED-24/36W / 500 mA - 4000 K	5944.5	39 W	70	7.00
	102-0131	LED-24/48W / 700 mA - 2200 K	6173.1	54 W	70	7.00
	102-0132	LED-24/48W / 700 mA - 2700 K	6173.1	54 W	80	7.00
	102-0132-70	LED-24/48W / 700 mA - 2700 K	6630.4	54 W	70	7.00
	102-0133	LED-24/48W / 700 mA - 3000 K	6630.4	54 W	80	7.00
	102-0133-70	LED-24/48W / 700 mA - 3000 K	7544.9	54 W	70	7.00
	102-0134	LED-24/48W / 700 mA - 4000 K	7087.6	54 W	80	7.00
	102-0134-70	LED-24/48W / 700 mA - 4000 K	8002.2	54 W	70	7.00
	102-0892	LED-24/72W / 1050 mA - 2200 K	8322.9	79 W	70	7.00
	102-0893	LED-24/72W / 1050 mA - 2700 K	8106.7	79 W	80	7.00
	102-0893-70	LED-24/72W / 1050 mA - 2700 K	8755.3	79 W	70	7.00
	102-0894	LED-24/72W / 1050 mA - 3000 K	8755.3	79 W	80	7.00
	102-0894-70	LED-24/72W / 1050 mA - 3000 K	9944.3	79 W	70	7.00
	102-0895	LED-24/72W / 1050 mA - 4000 K	9295.7	79 W	80	7.00
	102-0895-70	LED-24/72W / 1050 mA - 4000 K	10592.8	79 W	70	7.00
pedestrian crossing, right-hand traffic [P46R]	102-0036	LED-24/24W / 350 mA - 2200 K	3364.3	26.5 W	70	7.00
	102-0037	LED-24/24W / 350 mA - 2700 K	3364.3	26.5 W	80	7.00
	102-0037-70	LED-24/24W / 350 mA - 2700 K	3596.3	26.5 W	70	7.00
	102-0038	LED-24/24W / 350 mA - 3000 K	3596.3	26.5 W	80	7.00
	102-0038-70	LED-24/24W / 350 mA - 3000 K	4176.3	26.5 W	70	7.00
	102-0039	LED-24/24W / 350 mA - 4000 K	3944.3	26.5 W	80	7.00
	102-0039-70	LED-24/24W / 350 mA - 4000 K	4408.3	26.5 W	70	7.00
	102-0081	LED-24/36W / 500 mA - 2200K	4419.5	39 W	70	7.00
	102-0082	LED-24/36W / 500 mA - 2700K	4419.5	39 W	80	7.00
	102-0082-70	LED-24/36W / 500 mA - 2700K	4751	39 W	70	7.00
	102-0083	LED-24/36W / 500 mA - 3000 K	4751	39 W	80	7.00
	102-0083-70	LED-24/36W / 500 mA - 3000 K	5413.9	39 W	70	7.00
	102-0084	LED-24/36W / 500 mA - 4000 K	5082.5	39 W	80	7.00
	102-0084-70	LED-24/36W / 500 mA - 4000 K	5745.4	39 W	70	7.00
	102-0126	LED-24/48W / 700 mA - 2200 K	5966.4	54 W	70	7.00
	102-0127	LED-24/48W / 700 mA - 2700 K	5966.4	54 W	80	7.00
	102-0127-70	LED-24/48W / 700 mA - 2700 K	6408.3	54 W	70	7.00
	102-0128	LED-24/48W / 700 mA - 3000 K	6408.3	54 W	80	7.00



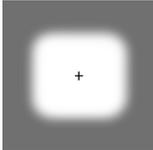
Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	102-0128-70	LED-24/48W / 700 mA - 3000 K	7292.2	54 W	70	7.00
	102-0129	LED-24/48W / 700 mA - 4000 K	6850.3	54 W	80	7.00
	102-0129-70	LED-24/48W / 700 mA - 4000 K	7734.2	54 W	70	7.00
	102-0888	LED-24/72W / 1050 mA - 2200 K	8167.4	79 W	70	7.00
	102-0889	LED-24/72W / 1050 mA - 2700 K	7955.3	79 W	80	7.00
	102-0889-70	LED-24/72W / 1050 mA - 2700 K	8591.7	79 W	70	7.00
	102-0890	LED-24/72W / 1050 mA - 3000 K	8591.7	79 W	80	7.00
	102-0890-70	LED-24/72W / 1050 mA - 3000 K	9758.5	79 W	70	7.00
	102-0891	LED-24/72W / 1050 mA - 4000 K	9122.1	79 W	80	7.00
	102-0891-70	LED-24/72W / 1050 mA - 4000 K	10394.9	79 W	70	7.00
pedestrian/bicycle lane [P66]	102-0021	LED-24/24W / 350 mA - 2200 K	3059.5	26.5 W	70	7.00
	102-0022	LED-24/24W / 350 mA - 2700 K	3059.5	26.5 W	80	7.00
	102-0022-70	LED-24/24W / 350 mA - 2700 K	3270.5	26.5 W	70	7.00
	102-0023	LED-24/24W / 350 mA - 3000 K	3270.5	26.5 W	80	7.00
	102-0023-70	LED-24/24W / 350 mA - 3000 K	3798	26.5 W	70	7.00
	102-0024	LED-24/24W / 350 mA - 4000 K	3587	26.5 W	80	7.00
	102-0024-70	LED-24/24W / 350 mA - 4000 K	4009	26.5 W	70	7.00
	102-0066	LED-24/36W / 500 mA - 2200K	4019.2	39 W	70	7.00
	102-0067	LED-24/36W / 500 mA - 2700K	4019.2	39 W	80	7.00
	102-0067-70	LED-24/36W / 500 mA - 2700K	4320.6	39 W	70	7.00
	102-0068	LED-24/36W / 500 mA - 3000 K	4320.6	39 W	80	7.00
	102-0068-70	LED-24/36W / 500 mA - 3000 K	4923.5	39 W	70	7.00
	102-0069	LED-24/36W / 500 mA - 4000 K	4622.1	39 W	80	7.00
	102-0069-70	LED-24/36W / 500 mA - 4000 K	5224.9	39 W	70	7.00
	102-0111	LED-24/48W / 700 mA - 2200 K	5425.9	54 W	70	7.00
	102-0112	LED-24/48W / 700 mA - 2700 K	5425.9	54 W	80	7.00
	102-0112-70	LED-24/48W / 700 mA - 2700 K	5827.8	54 W	70	7.00
	102-0113	LED-24/48W / 700 mA - 3000 K	5827.8	54 W	80	7.00
	102-0113-70	LED-24/48W / 700 mA - 3000 K	6631.7	54 W	70	7.00
	102-0114	LED-24/48W / 700 mA - 4000 K	6229.7	54 W	80	7.00
	102-0114-70	LED-24/48W / 700 mA - 4000 K	7033.6	54 W	70	7.00
	102-0876	LED-24/72W / 1050 mA - 2200 K	7427.6	79 W	70	7.00
	102-0877	LED-24/72W / 1050 mA - 2700 K	7234.7	79 W	80	7.00
	102-0877-70	LED-24/72W / 1050 mA - 2700 K	7813.4	79 W	70	7.00
	102-0878	LED-24/72W / 1050 mA - 3000 K	7813.4	79 W	80	7.00
	102-0878-70	LED-24/72W / 1050 mA - 3000 K	8874.5	79 W	70	7.00

Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	102-0879	LED-24/72W / 1050 mA - 4000 K	8295.7	79 W	80	7.00
	102-0879-70	LED-24/72W / 1050 mA - 4000 K	9453.3	79 W	70	7.00
rectangular, side throw [R60]	102-0016	LED-24/24W / 350 mA - 2200 K	3005.7	26.5 W	70	7.00
	102-0017	LED-24/24W / 350 mA - 2700 K	3005.7	26.5 W	80	7.00
	102-0017-70	LED-24/24W / 350 mA - 2700 K	3213	26.5 W	70	7.00
	102-0018	LED-24/24W / 350 mA - 3000 K	3213	26.5 W	80	7.00
	102-0018-70	LED-24/24W / 350 mA - 3000 K	3731.2	26.5 W	70	7.00
	102-0019	LED-24/24W / 350 mA - 4000 K	3524	26.5 W	80	7.00
	102-0019-70	LED-24/24W / 350 mA - 4000 K	3938.5	26.5 W	70	7.00
	102-0061	LED-24/36W / 500 mA - 2200K	4375.7	39 W	70	7.00
	102-0062	LED-24/36W / 500 mA - 2700K	4375.7	39 W	80	7.00
	102-0062-70	LED-24/36W / 500 mA - 2700K	4703.9	39 W	70	7.00
	102-0063	LED-24/36W / 500 mA - 3000 K	4703.9	39 W	80	7.00
	102-0063-70	LED-24/36W / 500 mA - 3000 K	5360.3	39 W	70	7.00
	102-0064	LED-24/36W / 500 mA - 4000 K	5032.1	39 W	80	7.00
	102-0064-70	LED-24/36W / 500 mA - 4000 K	5688.4	39 W	70	7.00
	102-0106	LED-24/48W / 700 mA - 2200 K	5907.2	54 W	70	7.00
	102-0107	LED-24/48W / 700 mA - 2700 K	5907.2	54 W	80	7.00
	102-0107-70	LED-24/48W / 700 mA - 2700 K	6344.8	54 W	70	7.00
	102-0108	LED-24/48W / 700 mA - 3000 K	6344.8	54 W	80	7.00
	102-0108-70	LED-24/48W / 700 mA - 3000 K	7219.9	54 W	70	7.00
	102-0109	LED-24/48W / 700 mA - 4000 K	6782.4	54 W	80	7.00
	102-0109-70	LED-24/48W / 700 mA - 4000 K	7657.5	54 W	70	7.00
	102-0872	LED-24/72W / 1050 mA - 2200 K	7367	79 W	70	7.00
	102-0873	LED-24/72W / 1050 mA - 2700 K	7175.6	79 W	80	7.00
	102-0873-70	LED-24/72W / 1050 mA - 2700 K	7749.7	79 W	70	7.00
	102-0874	LED-24/72W / 1050 mA - 3000 K	7749.7	79 W	80	7.00
	102-0874-70	LED-24/72W / 1050 mA - 3000 K	7749.7	79 W	70	7.00
	102-0875	LED-24/72W / 1050 mA - 4000 K	8228.1	79 W	80	7.00
	102-0875-70	LED-24/72W / 1050 mA - 4000 K	9376.2	79 W	70	7.00
rectangular, side throw [R61]	102-0316	LED-24/24W / 350 mA - 2200 K	2982.9	26.5 W	70	7.00
	102-0317	LED-24/24W / 350 mA - 2700 K	2982.9	26.5 W	80	7.00
	102-0317-70	LED-24/24W / 350 mA - 2700 K	3188.6	26.5 W	70	7.00
	102-0318	LED-24/24W / 350 mA - 3000 K	3188.6	26.5 W	80	7.00
	102-0318-70	LED-24/24W / 350 mA - 3000 K	3702.9	26.5 W	70	7.00
	102-0319	LED-24/24W / 350 mA - 4000 K	3497.2	26.5 W	80	7.00

Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	102-0319-70	LED-24/24W / 350 mA - 4000 K	3908.6	26.5 W	70	7.00
	102-0328	LED-24/36W / 500 mA - 2200K	3918.5	39 W	70	7.00
	102-0329	LED-24/36W / 500 mA - 2700K	3918.5	39 W	80	7.00
	102-0329-70	LED-24/36W / 500 mA - 2700K	4212.4	39 W	70	7.00
	102-0330	LED-24/36W / 500 mA - 3000 K	4212.4	39 W	80	7.00
	102-0330-70	LED-24/36W / 500 mA - 3000 K	4800.2	39 W	70	7.00
	102-0331	LED-24/36W / 500 mA - 4000 K	4506.3	39 W	80	7.00
	102-0331-70	LED-24/36W / 500 mA - 4000 K	5094.1	39 W	70	7.00
	102-0340	LED-24/48W / 700 mA - 2200 K	5290	54 W	70	7.00
	102-0341	LED-24/48W / 700 mA - 2700 K	5290	54 W	80	7.00
	102-0341-70	LED-24/48W / 700 mA - 2700 K	5681.9	54 W	70	7.00
	102-0342	LED-24/48W / 700 mA - 3000 K	5681.9	54 W	80	7.00
	102-0342-70	LED-24/48W / 700 mA - 3000 K	6465.6	54 W	70	7.00
	102-0343	LED-24/48W / 700 mA - 4000 K	6073.7	54 W	80	7.00
	102-0343-70	LED-24/48W / 700 mA - 4000 K	6857.4	54 W	70	7.00
	102-0904	LED-24/72W / 1050 mA - 2200 K	7241.6	79 W	70	7.00
	102-0905	LED-24/72W / 1050 mA - 2700 K	7053.5	79 W	80	7.00
	102-0905-70	LED-24/72W / 1050 mA - 2700 K	7617.8	79 W	70	7.00
	102-0906	LED-24/72W / 1050 mA - 3000 K	7617.8	79 W	80	7.00
	102-0906-70	LED-24/72W / 1050 mA - 3000 K	8652.3	79 W	70	7.00
	102-0907	LED-24/72W / 1050 mA - 4000 K	8088	79 W	80	7.00
	102-0907-70	LED-24/72W / 1050 mA - 4000 K	9216.6	79 W	70	7.00
square distribution [Q66]	102-0031	LED-24/24W / 350 mA - 2200 K	3045.3	26.5 W	70	7.00
	102-0032	LED-24/24W / 350 mA - 2700 K	3045.3	26.5 W	80	7.00
	102-0032-70	LED-24/24W / 350 mA - 2700 K	3255.4	26.5 W	70	7.00
	102-0033	LED-24/24W / 350 mA - 3000 K	3255.4	26.5 W	80	7.00
	102-0033-70	LED-24/24W / 350 mA - 3000 K	3780.4	26.5 W	70	7.00
	102-0034	LED-24/24W / 350 mA - 4000 K	3570.4	26.5 W	80	7.00
	102-0034-70	LED-24/24W / 350 mA - 4000 K	3990.5	26.5 W	70	7.00
	102-0076	LED-24/36W / 500 mA - 2200K	4000.6	39 W	70	7.00
	102-0077	LED-24/36W / 500 mA - 2700K	4000.6	39 W	80	7.00
	102-0077-70	LED-24/36W / 500 mA - 2700K	4300.6	39 W	70	7.00
	102-0078	LED-24/36W / 500 mA - 3000 K	4300.6	39 W	80	7.00
	102-0078-70	LED-24/36W / 500 mA - 3000 K	4900.7	39 W	70	7.00
	102-0079	LED-24/36W / 500 mA - 4000 K	4600.7	39 W	80	7.00
	102-0079-70	LED-24/36W / 500 mA - 4000 K	5200.8	39 W	70	7.00

AFL120 LED

Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	102-0121	LED-24/48W / 700 mA - 2200 K	5400.8	54 W	70	7.00
	102-0122	LED-24/48W / 700 mA - 2700 K	5400.8	54 W	80	7.00
	102-0122-70	LED-24/48W / 700 mA - 2700 K	5800.9	54 W	70	7.00
	102-0123	LED-24/48W / 700 mA - 3000 K	5800.9	54 W	80	7.00
	102-0123-70	LED-24/48W / 700 mA - 3000 K	6601	54 W	70	7.00
	102-0124	LED-24/48W / 700 mA - 4000 K	6200.9	54 W	80	7.00
	102-0124-70	LED-24/48W / 700 mA - 4000 K	7001.1	54 W	70	7.00
	102-0884	LED-24/72W / 1050 mA - 2200 K	7393.3	79 W	70	7.00
	102-0885	LED-24/72W / 1050 mA - 2700 K	7201.3	79 W	80	7.00
	102-0885-70	LED-24/72W / 1050 mA - 2700 K	7777.4	79 W	70	7.00
	102-0886	LED-24/72W / 1050 mA - 3000 K	7777.4	79 W	80	7.00
	102-0886-70	LED-24/72W / 1050 mA - 3000 K	8833.5	79 W	70	7.00
	102-0887	LED-24/72W / 1050 mA - 4000 K	8257.4	79 W	80	7.00
	102-0887-70	LED-24/72W / 1050 mA - 4000 K	9409.6	79 W	70	7.00

Pole mounted

Control

Eco Step Dim® Advanced

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

R2C Ready to Connect

Description	Part ID
R2C Ready to Connect (top)	430-0019
R2C Ready to Connect (below)	430-0027
R2C Ready to Connect (top and below)	430-0032

Citygrid Motion On Pole

Description	Part ID	Additional information
Citygrid Motion - Entry-Package	420-0011	Citygrid Motion. Das All-in-One Gerät, das vorhandene Leuchten in ein intelligentes Lichtsystem verwandeln kann.

Einstiegs-Paket
WE-EF liefert und konfiguriert Leuchten und Citygrid System einmalig ab Werk bzw. am Einsatzort. Neukonfiguration als Service abrufbar (kostenpflichtig). Gateway/App nicht inbegriffen.

Anwendungen: Kommunale Einzelprojekte, Insellösungen und Feldversuche für Smart Lighting, z.B. einzelne Straßen, Wege oder Plätze. Halböffentliche oder private Projekte, z.B. Firmengelände, Parkplatz.



Pole mounted

Description	Part ID	Additional information
Citygrid Motion - Standalone-Package	420-0012	<p>Citygrid Motion On Pole Controller.</p> <p>The Citygrid Motion On Pole Controller is the all-in-one device that can convert existing luminaires into an intelligent lighting system.</p> <p>The standalone package:</p> <p>Dongle & apps included; operators can configure, change and service the Citygrid system themselves (on site) using the apps on their mobile device.</p> <p>Applications: demarcated communal projects (street, square, district) or private projects (larger company sites, commercial estates) if qualified personnel are available for the operation of the system.</p>



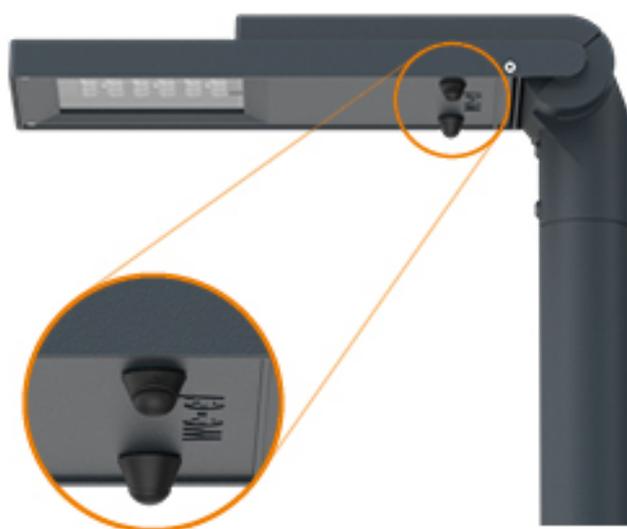
Pole mounted

Description	Part ID	Additional information
Citygrid Motion - Smart-City-Package	420-0013	<p>Citygrid Motion On Pole Controller</p> <p>The Citygrid Motion On Pole Controller is the all-in-one device that can convert existing luminaires into an intelligent lighting system.</p> <p>The Smart-City package:</p> <p>Internet gateway (via mobile phone) and dashboard included; operators can configure, change and service themselves (remotely). Networked Smart-City functions (data collection, remote maintenance, etc.).</p> <p>Applications: larger communal projects or field trials in the context of Smart City; operator has qualified personnel (municipal utilities).</p>



Citygrid Motion On Luminaire

Description	Part ID	Additional information
Citygrid Motion - Entry-Package	420-0021	<p>Citygrid On Luminaire - Entry Package Citygrid On Luminaire. Die Sensoren erkennen Bewegung und Verkehr beim Betreten des Sensor und Leuchtenfelds.</p> <p>Einstiegs-Paket WE-EF liefert und konfiguriert Leuchten und Citygrid System einmalig ab Werk bzw. am Einsatzort. Neukonfiguration als Service abrufbar (kostenpflichtig). Gateway/App nicht inbegriffen.</p> <p>Anwendungen: Kommunale Einzelprojekte, Insellösungen und Feldversuche für Smart Lighting, z.B. einzelne Straßen, Wege oder Plätze. Halböffentliche oder private Projekte, z.B. Firmengelände, Parkplatz. Citygrid built-in light controller with angled sensors The sensors detect motion and traffic on entering the sensor and lighting field.</p> <p>The entry-level package: WE-EF supplies and configures luminaires and the Citygrid system once ex works or on site. Reconfiguration is available as a service (chargeable). Gateway/app not included.</p> <p>Applications: individual communal projects, isolated solutions and field trials for smart lighting, e.g. single streets, paths or squares. Semi-public or private projects, e.g. company site, car park.</p>



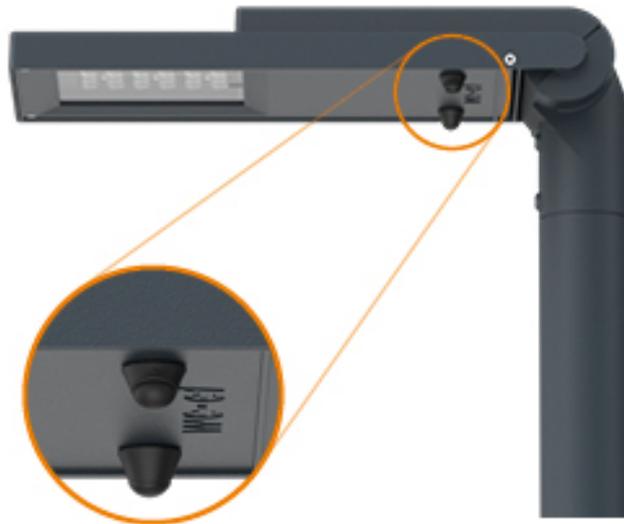
Pole mounted

Description	Part ID	Additional information
Citygrid Motion - Standalone-Package	420-0022	Citygrid Motion built-in light controller with angled sensors The sensors detect motion and traffic on entering the sensor and lighting field.

The standalone package:

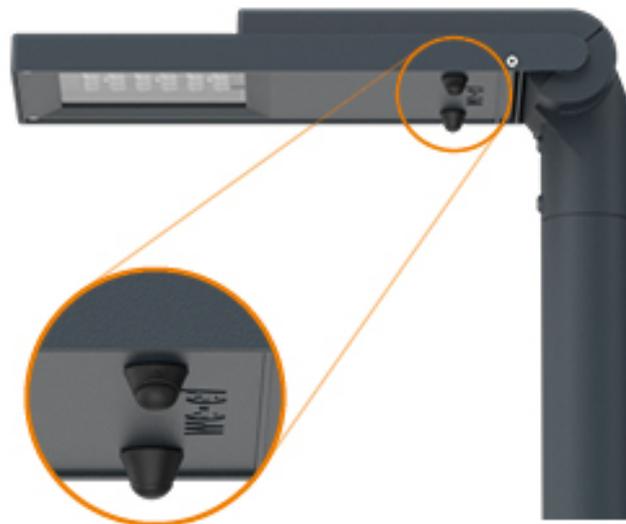
Dongle & apps included; operators can configure, change and service the Citygrid system themselves (on site) using the apps on their mobile device.

Applications: demarcated communal projects (street, square, district) or private projects (larger company sites, commercial estates) if qualified personnel are available for the operation of the system.



Pole mounted

Description	Part ID	Additional information
Citygrid Motion - Smart-City-Package	420-0023	<p>Citygrid Motion built-in light controller with angled sensors The sensors detect motion and traffic on entering the sensor and lighting field.</p> <p>The Smart-City package: Internet gateway (via mobile phone) and dashboard included; operators can configure, change and service themselves (remotely). Networked Smart-City functions (data collection, remote maintenance, etc.). Applications: larger communal projects or field trials in the context of Smart City; operator has qualified personnel (municipal utilities).</p>



Citygrid Motion Zhaga

Description	Part ID	Additional information
Citygrid Motion - Standalone-Package	420-0032	<p>Citygrid Motion Zhaga controller with sensor.</p> <p>The compact all-in-one design turns every luminaire with a Zhaga Book 18 socket facing the street surface into motion-controlled, intelligent street & area lighting.</p> <p>The standalone package: Dongle & apps included; operators can configure, change and service the Citygrid system themselves (on site) using the apps on their mobile device. Applications: demarcated communal projects (street, square, district) or private projects (larger company sites, commercial estates) if qualified personnel are available for the operation of the system.</p>



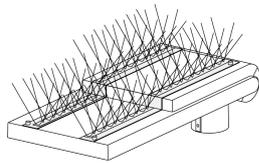
Pole mounted

Description	Part ID	Additional information
Citygrid Motion - Smart-City-Package	420-0033	<p>Citygrid Motion Zhaga controller with sensor.</p> <p>The compact all-in-one design turns every luminaire with a Zhaga Book 18 socket facing the street surface into motion-controlled, intelligent street & area lighting.</p> <p>The Smart-City package:</p> <p>Internet gateway (via mobile phone) and dashboard included; operators can configure, change and service themselves (remotely). Networked Smart-City functions (data collection, remote maintenance, etc.).</p> <p>Applications: larger communal projects or field trials in the context of Smart City; operator has qualified personnel (municipal utilities).</p>



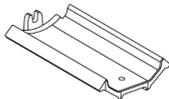
Mounting Accessories**Bird deterrent**

Description	Part ID
Bird deterrent BD	430-0015



Adaptor

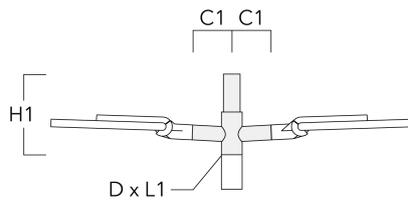
Description	Part ID
Adaptor AFL100	102-0392



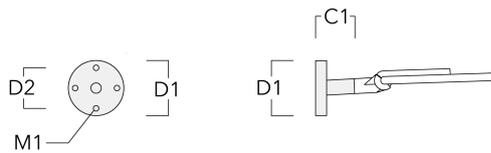
Pole mounted

Wall and pole brackets RE

Description	Part ID	C1	D1	D2	D x L1	H1	M1	Weight (kg)
RE2-540 Pole bracket, double	111-0043	200			76 x 130	550		5.30

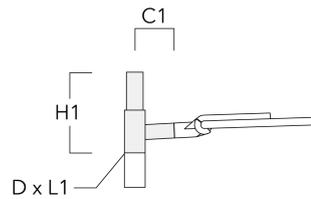


RE0-540 Wall bracket	111-0084	180	230	195		12		3.20
----------------------	----------	-----	-----	-----	--	----	--	------



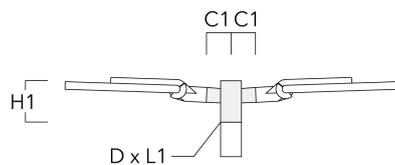
Pole mounted

Description	Part ID	C1	D1	D2	D × L1	H1	M1	Weight (kg)
RE1-540 Pole bracket, single	111-0042	200			76 x 130	500		4.60



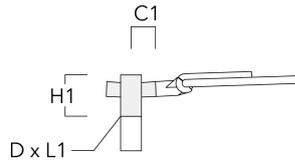
Pole brackets RF

Description	Part ID	C1	D × L1	H1	Weight (kg)
RF2-540 Pole bracket, double	111-0047	200	76 x 80	200	3.30



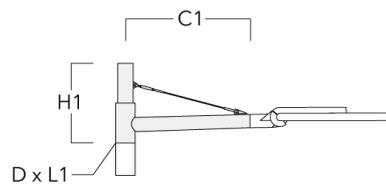
Pole mounted

Description	Part ID	C1	D × L1	H1	Weight (kg)
RF1-540 Pole bracket, single	111-0046	200	76 x 80	200	2.60



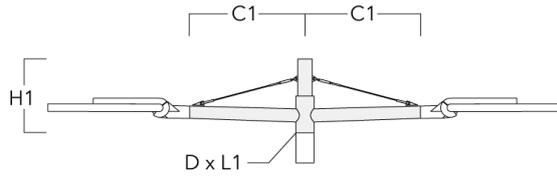
Wall and pole brackets RX

Description	Part ID	C1	D1	D2	D × L1	H1	H2	M1	M2	Weight (kg)
RX1-540 Pole bracket, single	111-0054	1000			76 x 130	550				6.8

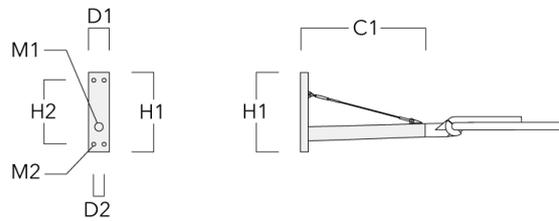


Pole mounted

Description	Part ID	C1	D1	D2	D x L1	H1	H2	M1	M2	Weight (kg)
RX2-540 Pole bracket, double	111-0055	1000			76 x 130	550				9.70



RX0-540 Wall bracket	111-0086	1000	140	100		450	385	30	12	5.20
----------------------	----------	------	-----	-----	--	-----	-----	----	----	------



Optical Accessories**Backlight shield**

Description	Part ID	Additional information
LS180	430-0029	Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit. Suitable for [S61][S65][S66][S70][S71][R60][R61][P66][Q66][A61] lenses. Must be specified at time of ordering.

