

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.

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	0.1956 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 [S65]



asymmetric, side throw [S70]



rectangular, side throw [R60]



pedestrian/bicycle lane [P66]



asymmetric, forward throw [A61]



square distribution [Q66]



pedestrian crossing, right-hand traffic [P46R]



pedestrian crossing, left-hand traffic [P46L]



asymmetric, side throw beam [S66]



asymmetric, side throw [S71]



rectangular, side throw [R61]



2200 K



2700 K



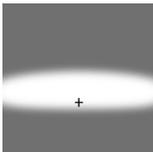
3000 K



4000 K

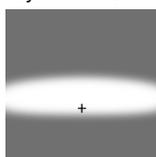
24 W

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, forward throw [A61] 	102-0179	LED-48/48W / 350 mA - 2200 K	6099.6	52 W	70	8.6
	102-0180	LED-48/48W / 350 mA - 2700 K	6099.6	52 W	80	8.6
	102-0180-70	LED-48/48W / 350 mA - 2700 K	6520.3	52 W	70	8.6
	102-0181	LED-48/48W / 350 mA - 3000 K	6520.3	52 W	80	8.6
	102-0181-70	LED-48/48W / 350 mA - 3000 K	7572	52 W	70	8.6
	102-0182	LED-48/48W / 350 mA - 4000 K	7151.3	52 W	80	8.6
	102-0182-70	LED-48/48W / 350 mA - 4000 K	7992.6	52 W	70	8.6
	102-0224	LED-48/72W / 500 mA - 2200 K	8422.6	77 W	70	8.6
	102-0225	LED-48/72W / 500 mA - 2700 K	8750.8	77 W	80	8.6
	102-0225-70	LED-48/72W / 500 mA - 2700 K	9407.1	77 W	70	8.6
	102-0226	LED-48/72W / 500 mA - 3000 K	9407.1	77 W	80	8.6
	102-0226-70	LED-48/72W / 500 mA - 3000 K	10719.7	77 W	70	8.6
	102-0227	LED-48/72W / 500 mA - 4000 K	10063.4	77 W	80	8.6
	102-0227-70	LED-48/72W / 500 mA - 4000 K	11376	77 W	70	8.6
	102-0269	LED-48/96W / 700 mA - 2200 K	11813.6	105.5 W	70	8.6
	102-0270	LED-48/96W / 700 mA - 2700 K	11813.6	105.5 W	80	8.6
	102-0270-70	LED-48/96W / 700 mA - 2700 K	12688.6	105.5 W	70	8.6
	102-0271	LED-48/96W / 700 mA - 3000 K	12688.6	105.5 W	80	8.6
	102-0271-70	LED-48/96W / 700 mA - 3000 K	14438.8	105.5 W	70	8.6
	102-0272	LED-48/96W / 700 mA - 4000 K	13563.7	105.5 W	80	8.6
	102-0272-70	LED-48/96W / 700 mA - 4000 K	15313.9	105.5 W	70	8.6
	102-0928	LED-48/144W / 1050 mA - 2200 K	14423.1	154 W	70	8.6
	102-0929	LED-48/144W / 1050 mA - 2700 K	14423.1	154 W	80	8.6
	102-0929-70	LED-48/144W / 1050 mA - 2700 K	18077	154 W	70	8.6
	102-0930	LED-48/144W / 1050 mA - 3000 K	15577	154 W	80	8.6
	102-0930-70	LED-48/144W / 1050 mA - 3000 K	18846.2	154 W	70	8.6
	102-0931	LED-48/144W / 1050 mA - 4000 K	16538.5	154 W	80	8.6
102-0931-70	LED-48/144W / 1050 mA - 4000 K	19615.5	154 W	70	8.6	
asymmetric, side throw [S70] 	102-0164	LED-48/48W / 350 mA - 2200 K	6600.9	52 W	70	8.6
	102-0165	LED-48/48W / 350 mA - 2700 K	6600.9	52 W	80	8.6
	102-0165-70	LED-48/48W / 350 mA - 2700 K	7056.1	52 W	70	8.6
	102-0166	LED-48/48W / 350 mA - 3000 K	7056.1	52 W	80	8.6
	102-0166-70	LED-48/48W / 350 mA - 3000 K	8194.2	52 W	70	8.6
	102-0167	LED-48/48W / 350 mA - 4000 K	7739	52 W	80	8.6

Pole mounted

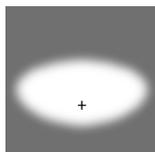
Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	102-0167-70	LED-48/48W / 350 mA - 4000 K	8649.4	52 W	70	8.6
	102-0209	LED-48/72W / 500 mA - 2200 K	8542.5	77 W	70	8.6
	102-0210	LED-48/72W / 500 mA - 2700 K	8875.3	77 W	80	8.6
	102-0210-70	LED-48/72W / 500 mA - 2700 K	9541	77 W	70	8.6
	102-0211	LED-48/72W / 500 mA - 3000 K	9541	77 W	80	8.6
	102-0211-70	LED-48/72W / 500 mA - 3000 K	10872.3	77 W	70	8.6
	102-0212	LED-48/72W / 500 mA - 4000 K	10206.6	77 W	80	8.6
	102-0212-70	LED-48/72W / 500 mA - 4000 K	11537.9	77 W	70	8.6
	102-0254	LED-48/96W / 700 mA - 2200 K	11981.7	105.5 W	70	8.6
	102-0255	LED-48/96W / 700 mA - 2700 K	11981.7	105.5 W	80	8.6
	102-0255-70	LED-48/96W / 700 mA - 2700 K	12869.2	105.5 W	70	8.6
	102-0256	LED-48/96W / 700 mA - 3000 K	12869.2	105.5 W	80	8.6
	102-0256-70	LED-48/96W / 700 mA - 3000 K	14644.3	105.5 W	70	8.6
	102-0257	LED-48/96W / 700 mA - 4000 K	13756.8	105.5 W	80	8.6
	102-0257-70	LED-48/96W / 700 mA - 4000 K	15531.8	105.5 W	70	8.6
	102-0916	LED-48/144W / 1050 mA - 2200 K	15608.5	154 W	70	8.6
	102-0917	LED-48/144W / 1050 mA - 2700 K	15608.5	154 W	80	8.6
	102-0917-70	LED-48/144W / 1050 mA - 2700 K	19562.6	154 W	70	8.6
	102-0918	LED-48/144W / 1050 mA - 3000 K	16857.1	154 W	80	8.6
	102-0918-70	LED-48/144W / 1050 mA - 3000 K	20395	154 W	70	8.6
	102-0919	LED-48/144W / 1050 mA - 4000 K	17897.7	154 W	80	8.6
	102-0919-70	LED-48/144W / 1050 mA - 4000 K	21227.5	154 W	70	8.6
asymmetric, side throw [S71]	102-0354	LED-48/48W / 350 mA - 2200 K	6025.3	52 W	70	8.6
	102-0355	LED-48/48W / 350 mA - 2700 K	6025.3	52 W	80	8.6
	102-0355-70	LED-48/48W / 350 mA - 2700 K	6440.8	52 W	70	8.6
	102-0356	LED-48/48W / 350 mA - 3000 K	6440.8	52 W	80	8.6
	102-0356-70	LED-48/48W / 350 mA - 3000 K	7479.6	52 W	70	8.6
	102-0357	LED-48/48W / 350 mA - 4000 K	7064.1	52 W	80	8.6
	102-0357-70	LED-48/48W / 350 mA - 4000 K	7895.2	52 W	70	8.6
	102-0366	LED-48/72W / 500 mA - 2200 K	7618.4	77 W	70	8.6
	102-0367	LED-48/72W / 500 mA - 2700 K	7915.2	77 W	80	8.6
	102-0367-70	LED-48/72W / 500 mA - 2700 K	8508.9	77 W	70	8.6
	102-0368	LED-48/72W / 500 mA - 3000 K	8508.9	77 W	80	8.6
	102-0368-70	LED-48/72W / 500 mA - 3000 K	9696.1	77 W	70	8.6
	102-0369	LED-48/72W / 500 mA - 4000 K	9102.5	77 W	80	8.6
	102-0369-70	LED-48/72W / 500 mA - 4000 K	10289.8	77 W	70	8.6



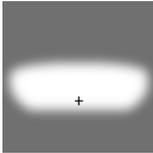
Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	102-0378	LED-48/96W / 700 mA - 2200 K	10685.5	105.5 W	70	8.6
	102-0379	LED-48/96W / 700 mA - 2700 K	10685.5	105.5 W	80	8.6
	102-0379-70	LED-48/96W / 700 mA - 2700 K	11477.1	105.5 W	70	8.6
	102-0380	LED-48/96W / 700 mA - 3000 K	11477.1	105.5 W	80	8.6
	102-0380-70	LED-48/96W / 700 mA - 3000 K	13060.1	105.5 W	70	8.6
	102-0381	LED-48/96W / 700 mA - 4000 K	12268.6	105.5 W	80	8.6
	102-0381-70	LED-48/96W / 700 mA - 4000 K	13851.6	105.5 W	70	8.6
	102-0948	LED-48/144W / 1050 mA - 2200 K	14247.6	154 W	70	8.6
	102-0949	LED-48/144W / 1050 mA - 2700 K	14247.6	154 W	80	8.6
	102-0949-70	LED-48/144W / 1050 mA - 2700 K	17857	154 W	70	8.6
	102-0950	LED-48/144W / 1050 mA - 3000 K	15387.4	154 W	80	8.6
	102-0950-70	LED-48/144W / 1050 mA - 3000 K	18616.9	154 W	70	8.6
	102-0951	LED-48/144W / 1050 mA - 4000 K	16337.3	154 W	80	8.6
	102-0951-70	LED-48/144W / 1050 mA - 4000 K	19376.8	154 W	70	8.6
asymmetric, side throw beam [S61]	102-0154	LED-48/48W / 350 mA - 2200 K	6594.1	52 W	70	8.6
	102-0155	LED-48/48W / 350 mA - 2700 K	6594.1	52 W	80	8.6
	102-0155-70	LED-48/48W / 350 mA - 2700 K	7048.9	52 W	70	8.6
	102-0156	LED-48/48W / 350 mA - 3000 K	7048.9	52 W	80	8.6
	102-0156-70	LED-48/48W / 350 mA - 3000 K	8185.8	52 W	70	8.6
	102-0157	LED-48/48W / 350 mA - 4000 K	7731	52 W	80	8.6
	102-0157-70	LED-48/48W / 350 mA - 4000 K	8640.6	52 W	70	8.6
	102-0199	LED-48/72W / 500 mA - 2200 K	8637.9	77 W	70	8.6
	102-0200	LED-48/72W / 500 mA - 2700 K	8974.4	77 W	80	8.6
	102-0200-70	LED-48/72W / 500 mA - 2700 K	9647.5	77 W	70	8.6
	102-0201	LED-48/72W / 500 mA - 3000 K	9647.5	77 W	80	8.6
	102-0201-70	LED-48/72W / 500 mA - 3000 K	10993.7	77 W	70	8.6
	102-0202	LED-48/72W / 500 mA - 4000 K	10320.6	77 W	80	8.6
	102-0202-70	LED-48/72W / 500 mA - 4000 K	11666.8	77 W	70	8.6
	102-0244	LED-48/96W / 700 mA - 2200 K	12115.5	105.5 W	70	8.6
	102-0245	LED-48/96W / 700 mA - 2700 K	12115.5	105.5 W	80	8.6
	102-0245-70	LED-48/96W / 700 mA - 2700 K	13012.9	105.5 W	70	8.6
	102-0246	LED-48/96W / 700 mA - 3000 K	13012.9	105.5 W	80	8.6
	102-0246-70	LED-48/96W / 700 mA - 3000 K	14807.8	105.5 W	70	8.6
	102-0247	LED-48/96W / 700 mA - 4000 K	13910.4	105.5 W	80	8.6
	102-0247-70	LED-48/96W / 700 mA - 4000 K	15705.3	105.5 W	70	8.6
	102-0908	LED-48/144W / 1050 mA - 2200 K	15592.5	154 W	70	8.6

asymmetric, side throw beam [S61]



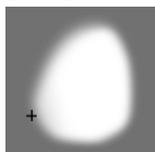
Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	102-0909	LED-48/144W / 1050 mA - 2700 K	15592.5	154 W	80	8.6
	102-0909-70	LED-48/144W / 1050 mA - 2700 K	19542.6	154 W	70	8.6
	102-0910	LED-48/144W / 1050 mA - 3000 K	16839.9	154 W	80	8.6
	102-0910-70	LED-48/144W / 1050 mA - 3000 K	20374.2	154 W	70	8.6
	102-0911	LED-48/144W / 1050 mA - 4000 K	17879.4	154 W	80	8.6
	102-0911-70	LED-48/144W / 1050 mA - 4000 K	21205.8	154 W	70	8.6
asymmetric, side throw beam [S65]	102-0159	LED-48/48W / 350 mA - 2200 K	6361.8	52 W	70	8.6
	102-0160	LED-48/48W / 350 mA - 2700 K	6361.8	52 W	80	8.6
	102-0160-70	LED-48/48W / 350 mA - 2700 K	6800.6	52 W	70	8.6
	102-0161	LED-48/48W / 350 mA - 3000 K	6800.6	52 W	80	8.6
	102-0161-70	LED-48/48W / 350 mA - 3000 K	7897.5	52 W	70	8.6
	102-0162	LED-48/48W / 350 mA - 4000 K	7458.7	52 W	80	8.6
	102-0162-70	LED-48/48W / 350 mA - 4000 K	8336.2	52 W	70	8.6
	102-0204	LED-48/72W / 500 mA - 2200 K	8445.9	77 W	70	8.6
	102-0205	LED-48/72W / 500 mA - 2700 K	8774.9	77 W	80	8.6
	102-0205-70	LED-48/72W / 500 mA - 2700 K	9433.1	77 W	70	8.6
	102-0206	LED-48/72W / 500 mA - 3000 K	9433.1	77 W	80	8.6
	102-0206-70	LED-48/72W / 500 mA - 3000 K	10749.3	77 W	70	8.6
	102-0207	LED-48/72W / 500 mA - 4000 K	10091.2	77 W	80	8.6
	102-0207-70	LED-48/72W / 500 mA - 4000 K	11407.4	77 W	70	8.6
	102-0249	LED-48/96W / 700 mA - 2200 K	11846.2	105.5 W	70	8.6
	102-0250	LED-48/96W / 700 mA - 2700 K	11846.2	105.5 W	80	8.6
	102-0250-70	LED-48/96W / 700 mA - 2700 K	12723.7	105.5 W	70	8.6
	102-0251	LED-48/96W / 700 mA - 3000 K	12723.7	105.5 W	80	8.6
	102-0251-70	LED-48/96W / 700 mA - 3000 K	14478.7	105.5 W	70	8.6
	102-0252	LED-48/96W / 700 mA - 4000 K	13601.2	105.5 W	80	8.6
	102-0252-70	LED-48/96W / 700 mA - 4000 K	15356.2	105.5 W	70	8.6
	102-0912	LED-48/144W / 1050 mA - 2200 K	15795.2	154 W	70	8.6
	102-0913	LED-48/144W / 1050 mA - 2700 K	15795.2	154 W	80	8.6
	102-0913-70	LED-48/144W / 1050 mA - 2700 K	19796.6	154 W	70	8.6
	102-0914	LED-48/144W / 1050 mA - 3000 K	17058.8	154 W	80	8.6
	102-0914-70	LED-48/144W / 1050 mA - 3000 K	20639.1	154 W	70	8.6
	102-0915	LED-48/144W / 1050 mA - 4000 K	18111.8	154 W	80	8.6
	102-0915-70	LED-48/144W / 1050 mA - 4000 K	21481.5	154 W	70	8.6
asymmetric, side throw beam [S66]	102-0350	LED-48/48W / 350 mA - 2200 K	6528.5	52 W	70	8.6
	102-0351	LED-48/48W / 350 mA - 2700 K	6528.5	52 W	80	8.6

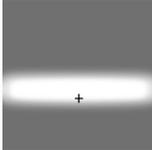
Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	102-0351-70	LED-48/48W / 350 mA - 2700 K	6978.7	52 W	70	8.6
	102-0352	LED-48/48W / 350 mA - 3000 K	6978.7	52 W	80	8.6
	102-0352-70	LED-48/48W / 350 mA - 3000 K	8104.3	52 W	70	8.6
	102-0353	LED-48/48W / 350 mA - 4000 K	7654.1	52 W	80	8.6
	102-0353-70	LED-48/48W / 350 mA - 4000 K	8554.6	52 W	70	8.6
	102-0362	LED-48/72W / 500 mA - 2200 K	8254.6	77 W	70	8.6
	102-0363	LED-48/72W / 500 mA - 2700 K	8576.2	77 W	80	8.6
	102-0363-70	LED-48/72W / 500 mA - 2700 K	9219.4	77 W	70	8.6
	102-0364	LED-48/72W / 500 mA - 3000 K	9219.4	77 W	80	8.6
	102-0364-70	LED-48/72W / 500 mA - 3000 K	10505.9	77 W	70	8.6
	102-0365	LED-48/72W / 500 mA - 4000 K	9862.7	77 W	80	8.6
	102-0365-70	LED-48/72W / 500 mA - 4000 K	11149.1	77 W	70	8.6
	102-0374	LED-48/96W / 700 mA - 2200 K	11577.9	105.5 W	70	8.6
	102-0375	LED-48/96W / 700 mA - 2700 K	11577.9	105.5 W	80	8.6
	102-0375-70	LED-48/96W / 700 mA - 2700 K	12435.5	105.5 W	70	8.6
	102-0376	LED-48/96W / 700 mA - 3000 K	12435.5	105.5 W	80	8.6
	102-0376-70	LED-48/96W / 700 mA - 3000 K	14150.8	105.5 W	70	8.6
	102-0377	LED-48/96W / 700 mA - 4000 K	13293.2	105.5 W	80	8.6
	102-0377-70	LED-48/96W / 700 mA - 4000 K	15008.4	105.5 W	70	8.6
	102-0944	LED-48/144W / 1050 mA - 2200 K	15437.4	154 W	70	8.6
102-0945	LED-48/144W / 1050 mA - 2700 K	15437.4	154 W	80	8.6	
102-0945-70	LED-48/144W / 1050 mA - 2700 K	19348.2	154 W	70	8.6	
102-0946	LED-48/144W / 1050 mA - 3000 K	16672.4	154 W	80	8.6	
102-0946-70	LED-48/144W / 1050 mA - 3000 K	20171.5	154 W	70	8.6	
102-0947	LED-48/144W / 1050 mA - 4000 K	17701.5	154 W	80	8.6	
102-0947-70	LED-48/144W / 1050 mA - 4000 K	20994.8	154 W	70	8.6	
pedestrian crossing, left-hand traffic [P46L] 	102-0194	LED-48/48W / 350 mA - 2200 K	6704.2	52 W	70	8.6
	102-0195	LED-48/48W / 350 mA - 2700 K	6704.2	52 W	80	8.6
	102-0195-70	LED-48/48W / 350 mA - 2700 K	7166.5	52 W	70	8.6
	102-0196	LED-48/48W / 350 mA - 3000 K	7166.5	52 W	80	8.6
	102-0196-70	LED-48/48W / 350 mA - 3000 K	8322.4	52 W	70	8.6
	102-0197	LED-48/48W / 350 mA - 4000 K	7860	52 W	80	8.6
	102-0197-70	LED-48/48W / 350 mA - 4000 K	8784.8	52 W	70	8.6
	102-0239	LED-48/72W / 500 mA - 2200 K	8802.4	77 W	70	8.6
	102-0240	LED-48/72W / 500 mA - 2700 K	9145.3	77 W	80	8.6
	102-0240-70	LED-48/72W / 500 mA - 2700 K	9831.2	77 W	70	8.6

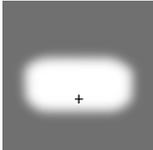
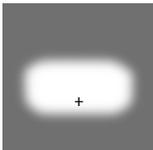
Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	102-0241	LED-48/72W / 500 mA - 3000 K	9831.2	77 W	80	8.6
	102-0241-70	LED-48/72W / 500 mA - 3000 K	11203	77 W	70	8.6
	102-0242	LED-48/72W / 500 mA - 4000 K	10517.1	77 W	80	8.6
	102-0242-70	LED-48/72W / 500 mA - 4000 K	11888.9	77 W	70	8.6
	102-0284	LED-48/96W / 700 mA - 2200 K	12346.2	105.5 W	70	8.6
	102-0285	LED-48/96W / 700 mA - 2700 K	12346.2	105.5 W	80	8.6
	102-0285-70	LED-48/96W / 700 mA - 2700 K	13260.7	105.5 W	70	8.6
	102-0286	LED-48/96W / 700 mA - 3000 K	13260.7	105.5 W	80	8.6
	102-0286-70	LED-48/96W / 700 mA - 3000 K	15089.8	105.5 W	80	8.6
	102-0287	LED-48/96W / 700 mA - 4000 K	14175.3	105.5 W	80	8.6
	102-0287-70	LED-48/96W / 700 mA - 4000 K	16004.3	105.5 W	70	8.6
	102-0940	LED-48/144W / 1050 mA - 2200 K	15852.7	154 W	70	8.6
	102-0941	LED-48/144W / 1050 mA - 2700 K	15852.7	154 W	80	8.6
	102-0941-70	LED-48/144W / 1050 mA - 2700 K	19868.7	154 W	70	8.6
	102-0942	LED-48/144W / 1050 mA - 3000 K	17120.9	154 W	80	8.6
	102-0942-70	LED-48/144W / 1050 mA - 3000 K	20714.2	154 W	70	8.6
	102-0943	LED-48/144W / 1050 mA - 4000 K	18177.8	154 W	80	8.6
	102-0943-70	LED-48/144W / 1050 mA - 4000 K	21559.7	154 W	70	8.6
pedestrian crossing, right-hand traffic [P46R]	102-0189	LED-48/48W / 350 mA - 2200 K	6640.5	52 W	70	8.6
	102-0190	LED-48/48W / 350 mA - 2700 K	6640.5	52 W	80	8.6
	102-0190-70	LED-48/48W / 350 mA - 2700 K	7098.4	52 W	70	8.6
	102-0191	LED-48/48W / 350 mA - 3000 K	7098.4	52 W	80	8.6
	102-0191-70	LED-48/48W / 350 mA - 3000 K	8243.3	52 W	70	8.6
	102-0192	LED-48/48W / 350 mA - 4000 K	7785.4	52 W	80	8.6
	102-0192-70	LED-48/48W / 350 mA - 4000 K	8701.3	52 W	70	8.6
	102-0234	LED-48/72W / 500 mA - 2200 K	8678.8	77 W	70	8.6
	102-0235	LED-48/72W / 500 mA - 2700 K	9016.9	77 W	80	8.6
	102-0235-70	LED-48/72W / 500 mA - 2700 K	9693.2	77 W	70	8.6
	102-0236	LED-48/72W / 500 mA - 3000 K	9693.2	77 W	80	8.6
	102-0236-70	LED-48/72W / 500 mA - 3000 K	11045.8	77 W	70	8.6
	102-0237	LED-48/72W / 500 mA - 4000 K	10369.5	77 W	80	8.6
	102-0237-70	LED-48/72W / 500 mA - 4000 K	11722	77 W	70	8.6
	102-0279	LED-48/96W / 700 mA - 2200 K	12172.9	105.5 W	70	8.6
	102-0280	LED-48/96W / 700 mA - 2700 K	12172.9	105.5 W	80	8.6
	102-0280-70	LED-48/96W / 700 mA - 2700 K	13074.6	105.5 W	70	8.6
	102-0281	LED-48/96W / 700 mA - 3000 K	13074.6	105.5 W	80	8.6



Pole mounted

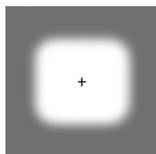
Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	102-0281-70	LED-48/96W / 700 mA - 3000 K	14878	105.5 W	70	8.6
	102-0282	LED-48/96W / 700 mA - 4000 K	13976.3	105.5 W	80	8.6
	102-0282-70	LED-48/96W / 700 mA - 4000 K	15779.7	105.5 W	70	8.6
	102-0936	LED-48/144W / 1050 mA - 2200 K	15702	154 W	70	8.6
	102-0937	LED-48/144W / 1050 mA - 2700 K	15702	154 W	80	8.6
	102-0937-70	LED-48/144W / 1050 mA - 2700 K	19679.8	154 W	70	8.6
	102-0938	LED-48/144W / 1050 mA - 3000 K	16958.1	154 W	80	8.6
	102-0938-70	LED-48/144W / 1050 mA - 3000 K	20517.2	154 W	70	8.6
	102-0939	LED-48/144W / 1050 mA - 4000 K	18004.9	154 W	80	8.6
	102-0939-70	LED-48/144W / 1050 mA - 4000 K	21354.7	154 W	70	8.6
pedestrian/bicycle lane [P66]	102-0174	LED-48/48W / 350 mA - 2200 K	6167.1	52 W	70	8.6
	102-0175	LED-48/48W / 350 mA - 2700 K	6167.1	52 W	80	8.6
	102-0175-70	LED-48/48W / 350 mA - 2700 K	6592.4	52 W	70	8.6
	102-0176	LED-48/48W / 350 mA - 3000 K	6592.4	52 W	80	8.6
	102-0176-70	LED-48/48W / 350 mA - 3000 K	7655.7	52 W	70	8.6
	102-0177	LED-48/48W / 350 mA - 4000 K	7230.4	52 W	80	8.6
	102-0177-70	LED-48/48W / 350 mA - 4000 K	8081	52 W	70	8.6
	102-0219	LED-48/72W / 500 mA - 2200 K	8142.7	77 W	70	8.6
	102-0220	LED-48/72W / 500 mA - 2700 K	8459.9	77 W	80	8.6
	102-0220-70	LED-48/72W / 500 mA - 2700 K	9094.4	77 W	70	8.6
	102-0221	LED-48/72W / 500 mA - 3000 K	9094.4	77 W	80	8.6
	102-0221-70	LED-48/72W / 500 mA - 3000 K	10363.4	77 W	70	8.6
	102-0222	LED-48/72W / 500 mA - 4000 K	9728.9	77 W	80	8.6
	102-0222-70	LED-48/72W / 500 mA - 4000 K	10997.9	77 W	70	8.6
	102-0264	LED-48/96W / 700 mA - 2200 K	11420.9	105.5 W	70	8.6
	102-0265	LED-48/96W / 700 mA - 2700 K	11420.9	105.5 W	80	8.6
	102-0265-70	LED-48/96W / 700 mA - 2700 K	12266.9	105.5 W	70	8.6
	102-0266	LED-48/96W / 700 mA - 3000 K	12266.9	105.5 W	80	8.6
	102-0266-70	LED-48/96W / 700 mA - 3000 K	13958.9	105.5 W	70	8.6
	102-0267	LED-48/96W / 700 mA - 4000 K	13112.9	105.5 W	80	8.6
	102-0267-70	LED-48/96W / 700 mA - 4000 K	14804.8	105.5 W	70	8.6
	102-0924	LED-48/144W / 1050 mA - 2200 K	14582.9	154 W	70	8.6
	102-0925	LED-48/144W / 1050 mA - 2700 K	14582.9	154 W	80	8.6
	102-0925-70	LED-48/144W / 1050 mA - 2700 K	18277.2	154 W	70	8.6
	102-0926	LED-48/144W / 1050 mA - 3000 K	15749.5	154 W	80	8.6
	102-0926-70	LED-48/144W / 1050 mA - 3000 K	19054.9	154 W	70	8.6

Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	102-0927	LED-48/144W / 1050 mA - 4000 K	16721.7	154 W	80	8.6
	102-0927-70	LED-48/144W / 1050 mA - 4000 K	19832.7	154 W	70	8.6
rectangular, side throw [R60]	102-0169	LED-48/48W / 350 mA - 2200 K	6081.9	52 W	70	8.6
	102-0170	LED-48/48W / 350 mA - 2700 K	6081.9	52 W	80	8.6
	102-0170-70	LED-48/48W / 350 mA - 2700 K	6501.4	52 W	70	8.6
	102-0171	LED-48/48W / 350 mA - 3000 K	6501.4	52 W	80	8.6
	102-0171-70	LED-48/48W / 350 mA - 3000 K	7550	52 W	70	8.6
	102-0172	LED-48/48W / 350 mA - 4000 K	7130.5	52 W	80	8.6
	102-0172-70	LED-48/48W / 350 mA - 4000 K	7969.4	52 W	70	8.6
	102-0214	LED-48/72W / 500 mA - 2200 K	8423.3	77 W	70	8.6
	102-0215	LED-48/72W / 500 mA - 2700 K	8751.4	77 W	80	8.6
	102-0215-70	LED-48/72W / 500 mA - 2700 K	9407.8	77 W	70	8.6
	102-0216	LED-48/72W / 500 mA - 3000 K	9407.8	77 W	80	8.6
	102-0216-70	LED-48/72W / 500 mA - 3000 K	10720.5	77 W	70	8.6
	102-0217	LED-48/72W / 500 mA - 4000 K	10064.2	77 W	80	8.6
	102-0217-70	LED-48/72W / 500 mA - 4000 K	11376.9	77 W	70	8.6
	102-0259	LED-48/96W / 700 mA - 2200 K	11814.4	105.5 W	70	8.6
	102-0260	LED-48/96W / 700 mA - 2700 K	11814.4	105.5 W	80	8.6
	102-0260-70	LED-48/96W / 700 mA - 2700 K	12689.6	105.5 W	70	8.6
	102-0261	LED-48/96W / 700 mA - 3000 K	12689.6	105.5 W	80	8.6
	102-0261-70	LED-48/96W / 700 mA - 3000 K	14439.9	105.5 W	70	8.6
	102-0262	LED-48/96W / 700 mA - 4000 K	13564.7	105.5 W	80	8.6
	102-0262-70	LED-48/96W / 700 mA - 4000 K	15315	105.5 W	70	8.6
	102-0920	LED-48/144W / 1050 mA - 2200 K	14519.4	154 W	70	8.6
	102-0921	LED-48/144W / 1050 mA - 2700 K	14519.4	154 W	80	8.6
	102-0921-70	LED-48/144W / 1050 mA - 2700 K	18197.6	154 W	70	8.6
	102-0922	LED-48/144W / 1050 mA - 3000 K	15680.9	154 W	80	8.6
	102-0922-70	LED-48/144W / 1050 mA - 3000 K	18972	154 W	70	8.6
	102-0923	LED-48/144W / 1050 mA - 4000 K	16648.9	154 W	80	8.6
	102-0923-70	LED-48/144W / 1050 mA - 4000 K	19746.3	154 W	70	8.6
rectangular, side throw [R61]	102-0358	LED-48/48W / 350 mA - 2200 K	6039.9	52 W	70	8.6
	102-0359	LED-48/48W / 350 mA - 2700 K	6039.9	52 W	80	8.6
	102-0359-70	LED-48/48W / 350 mA - 2700 K	6456.5	52 W	70	8.6
	102-0360	LED-48/48W / 350 mA - 3000 K	6456.5	52 W	80	8.6
	102-0360-70	LED-48/48W / 350 mA - 3000 K	7497.9	52 W	70	8.6
	102-0361	LED-48/48W / 350 mA - 4000 K	7081.3	52 W	80	8.6

Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	102-0361-70	LED-48/48W / 350 mA - 4000 K	7914.4	52 W	70	8.6
	102-0370	LED-48/72W / 500 mA - 2200 K	7636.8	77 W	70	8.6
	102-0371	LED-48/72W / 500 mA - 2700 K	7934.4	77 W	80	8.6
	102-0371-70	LED-48/72W / 500 mA - 2700 K	8529.5	77 W	70	8.6
	102-0372	LED-48/72W / 500 mA - 3000 K	8529.5	77 W	80	8.6
	102-0372-70	LED-48/72W / 500 mA - 3000 K	9719.6	77 W	70	8.6
	102-0373	LED-48/72W / 500 mA - 4000 K	9124.5	77 W	80	8.6
	102-0373-70	LED-48/72W / 500 mA - 4000 K	10314.7	77 W	70	8.6
	102-0382	LED-48/96W / 700 mA - 2200 K	10711.4	105.5 W	70	8.6
	102-0383	LED-48/96W / 700 mA - 2700 K	10711.4	105.5 W	80	8.6
	102-0383-70	LED-48/96W / 700 mA - 2700 K	11504.9	105.5 W	70	8.6
	102-0384	LED-48/96W / 700 mA - 3000 K	11504.9	105.5 W	80	8.6
	102-0384-70	LED-48/96W / 700 mA - 3000 K	13091.7	105.5 W	70	8.6
	102-0385	LED-48/96W / 700 mA - 4000 K	12298.3	105.5 W	80	8.6
	102-0385-70	LED-48/96W / 700 mA - 4000 K	13885.2	105.5 W	70	8.6
	102-0952	LED-48/144W / 1050 mA - 2200 K	14282.1	154 W	70	8.6
	102-0953	LED-48/144W / 1050 mA - 2700 K	14282.1	154 W	80	8.6
	102-0953-70	LED-48/144W / 1050 mA - 2700 K	17900.2	154 W	70	8.6
	102-0954	LED-48/144W / 1050 mA - 3000 K	15424.7	154 W	80	8.6
	102-0954-70	LED-48/144W / 1050 mA - 3000 K	18661.9	154 W	70	8.6
	102-0955	LED-48/144W / 1050 mA - 4000 K	16376.8	154 W	80	8.6
	102-0955-70	LED-48/144W / 1050 mA - 4000 K	19423.7	154 W	70	8.6
square distribution [Q66]	102-0184	LED-48/48W / 350 mA - 2200 K	6198.8	52 W	70	8.6
	102-0185	LED-48/48W / 350 mA - 2700 K	6198.8	52 W	80	8.6
	102-0185-70	LED-48/48W / 350 mA - 2700 K	6626.3	52 W	70	8.6
	102-0186	LED-48/48W / 350 mA - 3000 K	6626.3	52 W	80	8.6
	102-0186-70	LED-48/48W / 350 mA - 3000 K	7695.1	52 W	70	8.6
	102-0187	LED-48/48W / 350 mA - 4000 K	7267.6	52 W	80	8.6
	102-0187-70	LED-48/48W / 350 mA - 4000 K	8122.6	52 W	70	8.6
	102-0229	LED-48/72W / 500 mA - 2200 K	8252.2	77 W	70	8.6
	102-0230	LED-48/72W / 500 mA - 2700 K	8573.7	77 W	80	8.6
	102-0230-70	LED-48/72W / 500 mA - 2700 K	9216.7	77 W	70	8.6
	102-0231	LED-48/72W / 500 mA - 3000 K	9216.7	77 W	80	8.6
	102-0231-70	LED-48/72W / 500 mA - 3000 K	10502.8	77 W	70	8.6
	102-0232	LED-48/72W / 500 mA - 4000 K	9859.8	77 W	80	8.6
	102-0232-70	LED-48/72W / 500 mA - 4000 K	11145.8	77 W	70	8.6



Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	102-0274	LED-48/96W / 700 mA - 2200 K	11574.5	105.5 W	70	8.6
	102-0275	LED-48/96W / 700 mA - 2700 K	11574.5	105.5 W	80	8.6
	102-0275-70	LED-48/96W / 700 mA - 2700 K	12431.9	105.5 W	70	8.6
	102-0276	LED-48/96W / 700 mA - 3000 K	12431.9	105.5 W	80	8.6
	102-0276-70	LED-48/96W / 700 mA - 3000 K	14146.6	105.5 W	70	8.6
	102-0277	LED-48/96W / 700 mA - 4000 K	13289.2	105.5 W	80	8.6
	102-0277-70	LED-48/96W / 700 mA - 4000 K	15004	105.5 W	70	8.6
	102-0932	LED-48/144W / 1050 mA - 2200 K	14657.9	154 W	70	8.6
	102-0933	LED-48/144W / 1050 mA - 2700 K	14657.9	154 W	80	8.6
	102-0933-70	LED-48/144W / 1050 mA - 2700 K	18371.3	154 W	70	8.6
	102-0934	LED-48/144W / 1050 mA - 3000 K	15830.6	154 W	80	8.6
	102-0934-70	LED-48/144W / 1050 mA - 3000 K	19153	154 W	70	8.6
	102-0935	LED-48/144W / 1050 mA - 4000 K	16807.8	154 W	80	8.6
	102-0935-70	LED-48/144W / 1050 mA - 4000 K	19934.8	154 W	70	8.6

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. 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: 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>



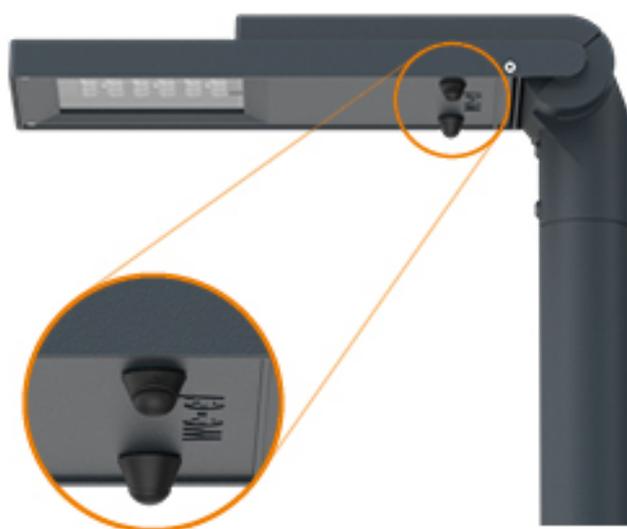
Pole mounted

Description	Part ID	Additional information
Citygrid Motion - Smart-City-Package	420-0013	<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>



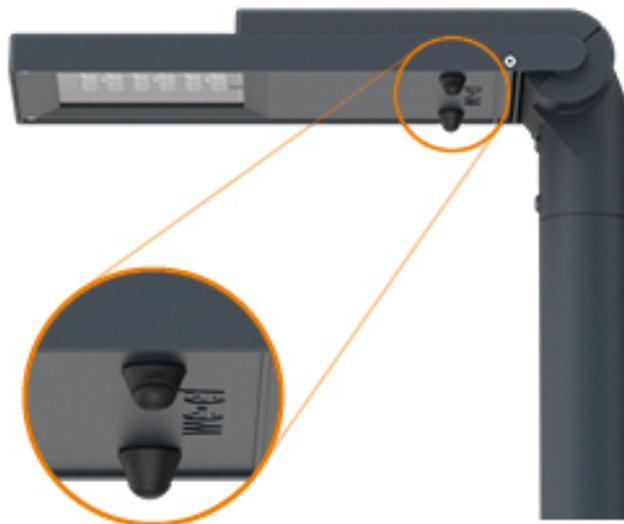
Pole mounted

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.



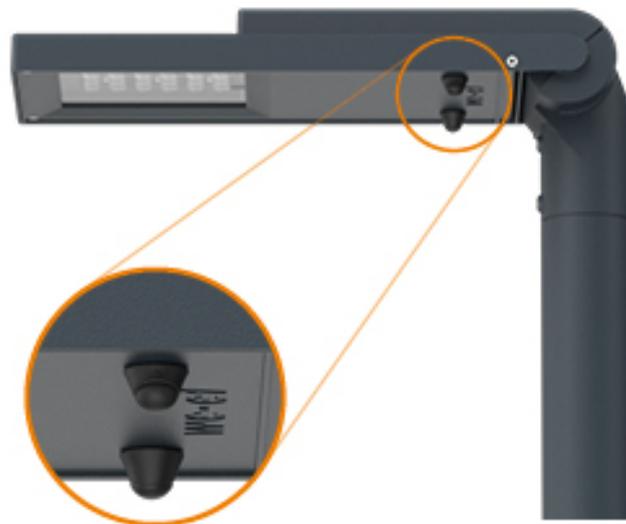
Pole mounted

Description	Part ID	Additional information
Citygrid Motion - Smart-City-Package	420-0023	Citygrid Motion built-in light controller with angled sensors The sensors detect motion and traffic on entering the sensor and lighting field.

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).



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.</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

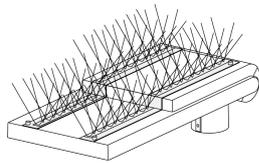
Description	Part ID	Additional information
Citygrid Motion - Smart-City-Package	420-0033	<p>Citygrid Motion Zhaga controller with sensor. The compact all-in-one design turns every luminaire with a Zhaga Book 18 socket facing the street surface into motion-controlled, intelligent street & area lighting.</p> <p>The Smart-City package: 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>



Mounting Accessories

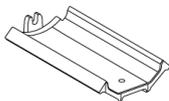
Bird deterrent

Description	Part ID
Bird deterrent BD	430-0015



Adaptor

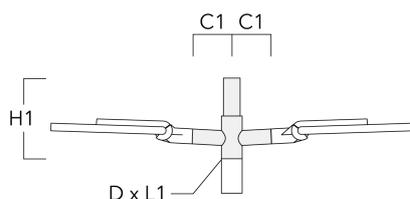
Description	Part ID
Adaptor AFL100	102-0392



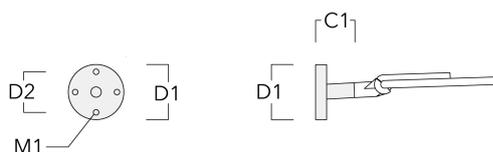
Pole mounted

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

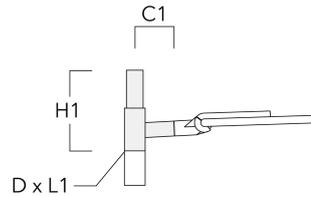


RE0-540 Wall bracket	111-0084	180	230	195		12	3.20	
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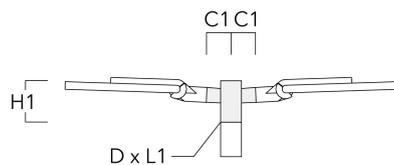
Pole mounted

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



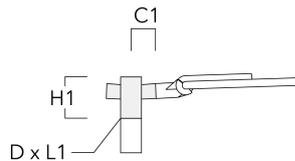
Pole brackets RF

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



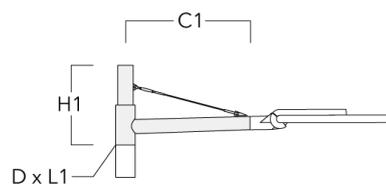
Pole mounted

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



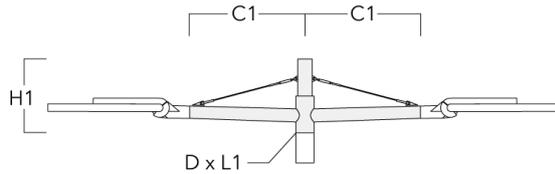
Wall and pole brackets RX

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

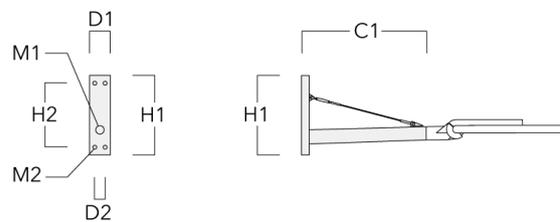


Pole mounted

Description	Part ID	C1	D1	D2	D × 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
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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.

