

PFL540 LED

Pole mounted

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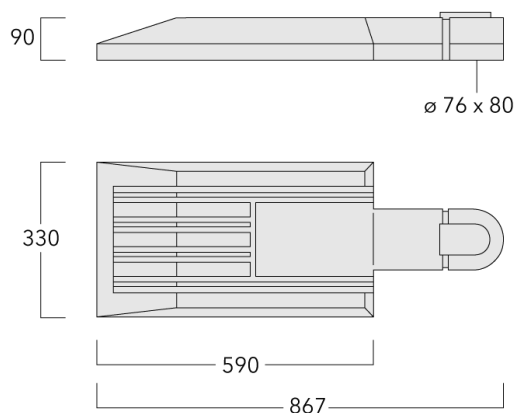
Töpinger Straße 16, 29646 Bispingen, Germany - Phone: +49 5194 909-0
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Description

IP66, Class I. Class II on request. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. RFC® Reflection Free Contour main lens. Integral EC electronic converter in thermally separated compartment. DALI. 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.

Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering.

Eco Step Dim® up to 1050 mA on request.

Brackets to be ordered separately.

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Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	RFC® Reflection Free Contour technology
Colours	 RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white
Gasket	Silicone CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE
Windage	0.23

Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter. DALI
Power factor	> 0.9
Surge protection	6/6 kV (optional SP10)

Additional information

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

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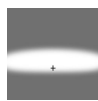
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Options

Light distribution



asymmetric, side throw [S70]



asymmetric, side throw beam [S65]



asymmetric, side throw beam [S60]



rectangular, side throw [R65]



asymmetric, forward throw [A60]



pedestrian crossing, left-hand traffic [P45L]



pedestrian crossing, right-hand traffic [P45R]

Colour temperature



4000 K



3000 K



2700 K

Nominal Watt

115 W

85 W

57 W

83 W

119 W

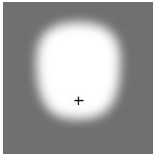
156 W

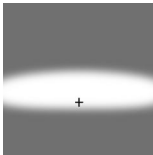
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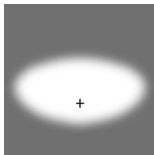
Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, forward throw [A60] 	108-0961	LED-24/48W / 700 mA - 4000 K	6145.6	54 W	80	13.00
	108-0961-70	LED-24/48W / 700 mA - 4000 K	6938.6	54 W	70	13.00
	108-0962	LED-36/72W / 700 mA - 4000 K	9218.5	79 W	80	14.00
	108-0962-70	LED-36/72W / 700 mA - 4000 K	10407.9	79 W	70	14.00
	108-0963	LED-48/96W / 700 mA - 4000 K	12291.3	105.5 W	80	15.00
	108-0963-70	LED-48/96W / 700 mA - 4000 K	13877.2	105.5 W	70	15.00
	108-0964	LED-24/72W / 1050 mA - 4000 K	8901.8	81 W	80	13.00
	108-0964-70	LED-24/72W / 1050 mA - 4000 K	10088.7	81 W	70	13.00
	108-0965	LED-36/108W / 1050 mA - 4000 K	13352.6	119 W	80	14.00
	108-0965-70	LED-36/108W / 1050 mA - 4000 K	15133	119 W	70	14.00
	108-0966	LED-48/144W / 1050 mA - 4000 K	17803.5	159 W	80	15.00
	108-0966-70	LED-48/144W / 1050 mA - 4000 K	20177.3	159 W	70	15.00
	108-1019	LED-24/48W / 700 mA - 3000 K	5749.1	54 W	80	13.00
	108-1019-70	LED-24/48W / 700 mA - 3000 K	6542.1	54 W	70	13.00
	108-1021	LED-24/72W / 1050 mA - 3000 K	8506.1	81 W	80	13.00
	108-1021-70	LED-24/72W / 1050 mA - 3000 K	9693	81 W	70	13.00
	108-1023	LED-36/72W / 700 mA - 3000 K	8623.7	79 W	80	14.00
	108-1023-70	LED-36/72W / 700 mA - 3000 K	9813.2	79 W	70	14.00
	108-1025	LED-36/108W / 1050 mA - 3000 K	12759.2	119 W	80	14.00
	108-1025-70	LED-36/108W / 1050 mA - 3000 K	14539.6	119 W	70	14.00
	108-1027	LED-48/96W / 700 mA - 3000 K	11498.3	105.5 W	80	15.00
	108-1027-70	LED-48/96W / 700 mA - 3000 K	13084.3	105.5 W	70	15.00
	108-1029	LED-48/144W / 1050 mA - 3000 K	17012.3	159 W	80	15.00
	108-1029-70	LED-48/144W / 1050 mA - 3000 K	19386.1	159 W	70	15.00
	108-2478	LED-24/48W / 700 mA - 2700 K	5352.6	54 W	80	13.00
	108-2479	LED-24/72W / 1050 mA - 2700 K	8110.5	81 W	80	13.00
	108-2479-70	LED-24/72W / 1050 mA - 2700 K	9297.4	81 W	70	13.00
	108-2480	LED-36/72W / 700 mA - 2700 K	8029	79 W	80	14.00
	108-2480-70	LED-36/72W / 700 mA - 3000 K	8623.7	79 W	70	14.00
	108-2481	LED-36/108W / 1050 mA - 2700 K	12165.7	119 W	80	14.00
	108-2481-70	LED-36/108W / 1050 mA - 2700 K	13946.1	119 W	70	14.00
	108-2482	LED-48/96W / 700 mA - 2700 K	10705.3	105.5 W	80	15.00
	108-2482-70	LED-48/96W / 700 mA - 2700 K	11498.3	105.5 W	70	15.00
108-2483	LED-48/144W / 1050 mA - 2700 K	16221	159 W	80	15.00	
108-2483-70	LED-48/144W / 1050 mA - 2700 K	18594.8	159 W	70	15.00	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	108-2650	LED-48/207W / 1400 mA - 2700 K	20573	214 W	80	13.00
	108-2650-70	LED-48/207W / 1400 mA - 2700 K	23738	214 W	70	13.00
	108-2651	LED-48/207W / 1400 mA - 3000 K	21759.9	214 W	80	13.00
	108-2651-70	LED-48/207W / 1400 mA - 3000 K	24727.1	214 W	70	13.00
	108-2652	LED-48/207W / 1400 mA - 4000 K	22749	214 W	80	13.00
	108-2652-70	LED-48/207W / 1400 mA - 4000 K	25716.2	214 W	70	13.00
asymmetric, side throw [S70]	108-0822	LED-48/96W / 700 mA - 4000 K	13171.5	105.5 W	80	15.00
	108-0822-70	LED-48/96W / 700 mA - 4000 K	14871.1	105.5 W	70	15.00
	108-0823	LED-36/72W / 700 mA - 4000 K	9878.6	79 W	80	14.00
	108-0823-70	LED-36/72W / 700 mA - 4000 K	11153.3	79 W	70	14.00
	108-0824	LED-24/48W / 700 mA - 4000 K	6585.8	54 W	80	13.00
	108-0824-70	LED-24/48W / 700 mA - 4000 K	7435.5	54 W	70	13.00
	108-0825	LED-24/72W / 1050 mA - 4000 K	9478.2	81 W	80	13.00
	108-0825-70	LED-24/72W / 1050 mA - 4000 K	10741.9	81 W	70	13.00
	108-0826	LED-36/108W / 1050 mA - 4000 K	14217.3	119 W	80	14.00
	108-0826-70	LED-36/108W / 1050 mA - 4000 K	16112.9	119 W	70	14.00
	108-0827	LED-48/144W / 1050 mA - 4000 K	18956.4	159 W	80	15.00
	108-0827-70	LED-48/144W / 1050 mA - 4000 K	21483.9	159 W	70	15.00
	108-0997	LED-24/48W / 700 mA - 3000 K	6160.9	54 W	80	13.00
	108-0997-70	LED-24/48W / 700 mA - 3000 K	7010.6	54 W	70	13.00
	108-0999	LED-24/72W / 1050 mA - 3000 K	9056.9	81 W	80	13.00
	108-0999-70	LED-24/72W / 1050 mA - 3000 K	10320.7	81 W	70	13.00
	108-1001	LED-36/72W / 700 mA - 3000 K	9241.3	79 W	80	14.00
	108-1001-70	LED-36/72W / 700 mA - 3000 K	10516	79 W	70	14.00
	108-1003	LED-36/108W / 1050 mA - 3000 K	13585.4	119 W	80	14.00
	108-1003-70	LED-36/108W / 1050 mA - 3000 K	15481	119 W	70	14.00
	108-1005	LED-48/96W / 700 mA - 3000 K	12321.7	105.5 W	80	15.00
	108-1005-70	LED-48/96W / 700 mA - 3000 K	14021.3	105.5 W	70	15.00
	108-1007	LED-48/144W / 1050 mA - 3000 K	18113.9	159 W	80	15.00
	108-1007-70	LED-48/144W / 1050 mA - 3000 K	20641.4	159 W	70	15.00
	108-2466	LED-24/48W / 700 mA - 2700 K	5736	54 W	80	13.00
	108-2466-70	LED-24/48W / 700 mA - 2700 K	6160.9	54 W	70	13.00
	108-2467	LED-24/72W / 1050 mA - 2700 K	8635.7	81 W	80	13.00
	108-2467-70	LED-24/72W / 1050 mA - 2700 K	9899.4	81 W	70	13.00
	108-2468	LED-36/72W / 700 mA - 2700 K	8604	79 W	80	14.00
	108-2468-70	LED-36/72W / 700 mA - 2700 K	9241.3	79 W	70	14.00

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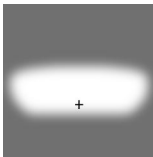
Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	108-2469	LED-36/108W / 1050 mA - 2700 K	12953.5	119 W	80	14.00
	108-2469-70	LED-36/108W / 1050 mA - 2700 K	14849.2	119 W	70	14.00
	108-2470	LED-48/96W / 700 mA - 2700 K	11472	105.5 W	80	15.00
	108-2470-70	LED-48/96W / 700 mA - 2700 K	12321.7	105.5 W	70	15.00
	108-2471	LED-48/144W / 1050 mA - 2700 K	17271.4	159 W	80	15.00
	108-2471-70	LED-48/144W / 1050 mA - 2700 K	19798.9	159 W	70	15.00
	108-2644	LED-48/207W / 1400 mA - 2700 K	21905.1	214 W	80	13.00
	108-2644-70	LED-48/207W / 1400 mA - 2700 K	25275.2	214 W	70	13.00
	108-2645	LED-48/207W / 1400 mA - 3000 K	23168.9	214 W	80	15.00
	108-2645-70	LED-48/207W / 1400 mA - 3000 K	26328.3	214 W	70	15.00
	108-2646	LED-48/207W / 1400 mA - 4000 K	24222	214 W	80	15.00
	108-2646-70	LED-48/207W / 1400 mA - 4000 K	27381.4	214 W	70	15.00
asymmetric, side throw beam [S60]	108-0949	LED-24/48W / 700 mA - 4000 K	6701	54 W	80	13.00
	108-0949-70	LED-24/48W / 700 mA - 4000 K	7565.7	54 W	70	13.00
	108-0950	LED-36/72W / 700 mA - 4000 K	10051.6	79 W	80	14.00
	108-0950-70	LED-36/72W / 700 mA - 4000 K	11348.5	79 W	70	14.00
	108-0951	LED-48/96W / 700 mA - 4000 K	13402.1	105.5 W	80	15.00
	108-0951-70	LED-48/96W / 700 mA - 4000 K	15131.4	105.5 W	70	15.00
	108-0952	LED-24/72W / 1050 mA - 4000 K	9628.2	81 W	80	13.00
	108-0952-70	LED-24/72W / 1050 mA - 4000 K	10911.9	81 W	70	13.00
	108-0953	LED-36/108W / 1050 mA - 4000 K	14442.3	119 W	80	14.00
	108-0953-70	LED-36/108W / 1050 mA - 4000 K	16367.9	119 W	70	14.00
	108-0954	LED-48/144W / 1050 mA - 4000 K	19256.4	159 W	80	15.00
	108-0954-70	LED-48/144W / 1050 mA - 4000 K	21823.9	159 W	70	15.00
	108-0985	LED-24/48W / 700 mA - 3000 K	6268.7	54 W	80	13.00
	108-0985-70	LED-24/48W / 700 mA - 3000 K	7133.4	54 W	70	13.00
	108-0987	LED-24/72W / 1050 mA - 3000 K	9200.3	81 W	80	13.00
	108-0987-70	LED-24/72W / 1050 mA - 3000 K	10484	81 W	70	13.00
	108-0989	LED-36/108W / 1050 mA - 3000 K	13800.4	119 W	80	14.00
	108-0989-70	LED-36/108W / 1050 mA - 3000 K	15726	119 W	70	14.00
	108-0991	LED-48/144W / 1050 mA - 3000 K	18400.5	159 W	80	15.00
	108-0991-70	LED-48/144W / 1050 mA - 3000 K	20968.1	159 W	70	15.00
	108-0993	LED-36/72W / 700 mA - 3000 K	9403.1	79 W	80	14.00
	108-0993-70	LED-36/72W / 700 mA - 3000 K	10700	79 W	70	14.00
	108-0995	LED-48/96W / 700 mA - 3000 K	12537.4	105.5 W	80	15.00
	108-0995-70	LED-48/96W / 700 mA - 3000 K	14266.7	105.5 W	70	15.00

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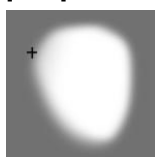
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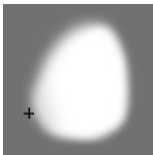
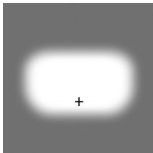
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Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	108-2454	LED-24/48W / 700 mA - 2700 K	5836.4	54 W	80	13.00
	108-2454-70	LED-24/48W / 700 mA - 2700 K	6268.7	54 W	70	13.00
	108-2455	LED-24/72W / 1050 mA - 2700 K	8772.3	81 W	80	13.00
	108-2455-70	LED-24/72W / 1050 mA - 2700 K	10056.1	81 W	70	13.00
	108-2456	LED-36/72W / 700 mA - 2700 K	8754.6	79 W	80	14.00
	108-2456-70	LED-36/72W / 700 mA - 2700 K	9403.1	79 W	70	14.00
	108-2457	LED-36/108W / 1050 mA - 2700 K	13158.5	119 W	80	14.00
	108-2457-70	LED-36/108W / 1050 mA - 2700 K	15084.2	119 W	70	14.00
	108-2458	LED-48/96W / 700 mA - 2700 K	11672.8	105.5 W	80	15.00
	108-2458-70	LED-48/96W / 700 mA - 2700 K	12537.4	105.5 W	70	15.00
	108-2459	LED-48/144W / 1050 mA - 2700 K	17544.7	159 W	80	15.00
	108-2459-70	LED-48/144W / 1050 mA - 2700 K	20112.2	159 W	70	15.00
	108-2638	LED-48/207W / 1400 mA - 2700 K	22251.8	214 W	80	13.00
	108-2638-70	LED-48/207W / 1400 mA - 2700 K	25675.2	214 W	70	13.00
	108-2639	LED-48/207W / 1400 mA - 3000 K	23535.6	214 W	80	13.00
	108-2639-70	LED-48/207W / 1400 mA - 3000 K	26745	214 W	70	13.00
	108-2640	LED-48/207W / 1400 mA - 4000 K	24605.4	214 W	80	13.00
	108-2640-70	LED-48/207W / 1400 mA - 4000 K	27814.8	214 W	70	13.00
asymmetric, side throw beam [S65]	108-0828	LED-24/48W / 700 mA - 4000 K	6763.7	54 W	80	13.00
	108-0828-70	LED-24/48W / 700 mA - 4000 K	7636.4	54 W	70	13.00
	108-0829	LED-24/72W / 1050 mA - 4000 K	9816.6	81 W	80	13.00
	108-0829-70	LED-24/72W / 1050 mA - 4000 K	11125.5	81 W	70	13.00
	108-0830	LED-36/72W / 700 mA - 4000 K	10145.6	79 W	80	14.00
	108-0830-70	LED-36/72W / 700 mA - 4000 K	11454.7	79 W	70	14.00
	108-0831	LED-36/108W / 1050 mA - 4000 K	14725	119 W	80	14.00
	108-0831-70	LED-36/108W / 1050 mA - 4000 K	16688.3	119 W	70	14.00
	108-0832	LED-48/96W / 700 mA - 4000 K	13527.4	105.5 W	80	15.00
	108-0832-70	LED-48/96W / 700 mA - 4000 K	15272.9	105.5 W	70	15.00
	108-0833	LED-48/144W / 1050 mA - 4000 K	19633.3	159 W	80	15.00
	108-0833-70	LED-48/144W / 1050 mA - 4000 K	22251.1	159 W	70	15.00
	108-1009	LED-24/48W / 700 mA - 3000 K	6327.3	54 W	80	13.00
	108-1009-70	LED-24/48W / 700 mA - 3000 K	7200.1	54 W	70	13.00
	108-1011	LED-24/72W / 1050 mA - 3000 K	9380.3	81 W	80	13.00
	108-1011-70	LED-24/72W / 1050 mA - 3000 K	10689.2	81 W	70	13.00
	108-1013	LED-36/108W / 1050 mA - 3000 K	14070.5	119 W	80	14.00
	108-1013-70	LED-36/108W / 1050 mA - 3000 K	16033.9	119 W	70	14.00

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	108-1015	LED-48/96W / 700 mA - 3000 K	12654.7	105.5 W	80	15.00
	108-1015-70	LED-48/96W / 700 mA - 3000 K	14400.2	105.5 W	70	15.00
	108-1017	LED-48/144W / 1050 mA - 3000 K	18760.7	159 W	80	15.00
	108-1017-70	LED-48/144W / 1050 mA - 3000 K	21378.5	159 W	70	15.00
	108-1043	LED-36/72W / 700 mA - 3000 K	9491	79 W	80	14.00
	108-1043-70	LED-36/72W / 700 mA - 3000 K	10800.1	79 W	70	14.00
	108-2460	LED-24/48W / 700 mA - 2700 K	5891	54 W	80	13.00
	108-2460-70	LED-24/48W / 700 mA - 2700 K	6327.3	54 W	70	13.00
	108-2461	LED-24/72W / 1050 mA - 2700 K	8944.1	81 W	80	13.00
	108-2461-70	LED-24/72W / 1050 mA - 2700 K	10252.9	81 W	70	13.00
	108-2462	LED-36/72W / 700 mA - 2700 K	8836.5	79 W	80	14.00
	108-2462-70	LED-36/72W / 700 mA - 2700 K	9491	79 W	70	14.00
	108-2463	LED-36/108W / 1050 mA - 2700 K	13416.1	119 W	80	14.00
	108-2463-70	LED-36/108W / 1050 mA - 2700 K	15379.4	119 W	70	14.00
	108-2464	LED-48/96W / 700 mA - 2700 K	11781.9	105.5 W	80	15.00
	108-2464-70	LED-48/96W / 700 mA - 2700 K	12654.7	105.5 W	70	15.00
	108-2465	LED-48/144W / 1050 mA - 2700 K	17888.1	159 W	80	15.00
	108-2465-70	LED-48/144W / 1050 mA - 2700 K	20505.9	159 W	70	15.00
	108-2641	LED-48/207W / 1400 mA - 2700 K	22687.4	214 W	80	15.00
	108-2641-70	LED-48/207W / 1400 mA - 2700 K	26177.7	214 W	70	15.00
	108-2642	LED-48/207W / 1400 mA - 3000 K	23996.2	214 W	80	13.00
	108-2642-70	LED-48/207W / 1400 mA - 3000 K	27268.5	214 W	70	13.00
	108-2643	LED-48/207W / 1400 mA - 4000 K	25087	214 W	80	13.00
	108-2643-70	LED-48/207W / 1400 mA - 4000 K	28359.2	214 W	70	13.00
pedestrian crossing, left-hand traffic [P45L]	108-1963	LED-36/72W / 700 mA - 3000 K	9127.9	79 W	80	14.00
	108-1963-70	LED-36/72W / 700 mA - 3000 K	10386.9	79 W	70	14.00
	108-1964	LED-36/72W / 700 mA - 4000 K	9757.4	79 W	80	14.00
	108-1964-70	LED-36/72W / 700 mA - 4000 K	11016.4	79 W	70	14.00
	108-1967	LED-48/96W / 700 mA - 3000 K	12170.5	105.5 W	80	14.00
	108-1967-70	LED-48/96W / 700 mA - 3000 K	13849.2	105.5 W	70	14.00
	108-1968	LED-48/96W / 700 mA - 4000 K	13009.9	105.5 W	80	14.00
	108-1968-70	LED-48/96W / 700 mA - 4000 K	14688.6	105.5 W	70	14.00
	108-1971	LED-36/108W / 1050 mA - 3000 K	13047.5	119 W	80	14.00
	108-1971-70	LED-36/108W / 1050 mA - 3000 K	14868.1	119 W	70	14.00
	108-1972	LED-36/108W / 1050 mA - 4000 K	13654.4	119 W	80	14.00
	108-1972-70	LED-36/108W / 1050 mA - 4000 K	15474.9	119 W	70	14.00



Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	108-1975	LED-48/144W / 1050 mA - 3000 K	17396.7	159 W	80	14.00
	108-1975-70	LED-48/144W / 1050 mA - 3000 K	19824.1	159 W	70	14.00
	108-1976	LED-48/144W / 1050 mA - 4000 K	18205.8	159 W	80	14.00
	108-1976-70	LED-48/144W / 1050 mA - 4000 K	20633.3	159 W	70	14.00
pedestrian crossing, right-hand traffic [P45R] 	108-1965	LED-36/72W / 700 mA - 3000 K	9018.9	79 W	80	14.00
	108-1965-70	LED-36/72W / 700 mA - 3000 K	10262.8	79 W	70	14.00
	108-1966	LED-36/72W / 700 mA - 4000 K	9640.9	79 W	80	14.00
	108-1966-70	LED-36/72W / 700 mA - 4000 K	10884.8	79 W	70	14.00
	108-1969	LED-48/96W / 700 mA - 3000 K	12025.2	105.5 W	80	14.00
	108-1969-70	LED-48/96W / 700 mA - 3000 K	13683.8	105.5 W	70	14.00
	108-1970	LED-48/96W / 700 mA - 4000 K	12854.5	105.5 W	80	14.00
	108-1970-70	LED-48/96W / 700 mA - 4000 K	14513.1	105.5 W	70	14.00
	108-1973	LED-36/108W / 1050 mA - 3000 K	13103.3	119 W	80	14.00
	108-1973-70	LED-36/108W / 1050 mA - 3000 K	14931.6	119 W	70	14.00
	108-1974	LED-36/108W / 1050 mA - 4000 K	13712.7	119 W	80	14.00
	108-1974-70	LED-36/108W / 1050 mA - 4000 K	15541.1	119 W	70	14.00
	108-1977	LED-48/144W / 1050 mA - 3000 K	17471	159 W	80	14.00
	108-1977-70	LED-48/144W / 1050 mA - 3000 K	19908.9	159 W	70	14.00
	108-1978	LED-48/144W / 1050 mA - 4000 K	18283.6	159 W	80	14.00
	108-1978-70	LED-48/144W / 1050 mA - 4000 K	20721.5	159 W	70	14.00
	108-2653	LED-48/207W / 1400 mA - 2700 K	21127.8	214 W	80	13.00
	108-2653-70	LED-48/207W / 1400 mA - 2700 K	24378.2	214 W	70	13.00
	108-2654	LED-48/207W / 1400 mA - 3000 K	22346.7	214 W	80	13.00
	108-2654-70	LED-48/207W / 1400 mA - 3000 K	25394	214 W	70	13.00
108-2655	LED-48/207W / 1400 mA - 4000 K	23362.4	214 W	80	13.00	
108-2655-70	LED-48/207W / 1400 mA - 4000 K	26409.7	214 W	70	13.00	
rectangular, side throw [R65] 	108-0955	LED-24/48W / 700 mA - 4000 K	6295.7	54 W	80	13.00
	108-0955-70	LED-24/48W / 700 mA - 4000 K	7108	54 W	70	13.00
	108-0956	LED-36/72W / 700 mA - 4000 K	9443.5	79 W	80	14.00
	108-0956-70	LED-36/72W / 700 mA - 4000 K	10662	79 W	70	14.00
	108-0957	LED-48/96W / 700 mA - 4000 K	12591.3	105.5 W	80	15.00
	108-0957-70	LED-48/96W / 700 mA - 4000 K	14216	105.5 W	70	15.00
	108-0958	LED-24/72W / 1050 mA - 4000 K	9104.5	81 W	80	13.00
	108-0958-70	LED-24/72W / 1050 mA - 4000 K	10318.4	81 W	70	13.00
	108-0959	LED-36/108W / 1050 mA - 4000 K	13656.7	119 W	80	14.00
	108-0959-70	LED-36/108W / 1050 mA - 4000 K	15477.6	119 W	70	14.00

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	108-0960	LED-48/144W / 1050 mA - 4000 K	18209	159 W	80	15.00
	108-0960-70	LED-48/144W / 1050 mA - 4000 K	20636.8	159 W	70	15.00
	108-1031	LED-24/48W / 700 mA - 3000 K	5889.5	54 W	80	13.00
	108-1031-70	LED-24/48W / 700 mA - 3000 K	6701.8	54 W	70	13.00
	108-1033	LED-24/72W / 1050 mA - 3000 K	8699.8	81 W	80	13.00
	108-1033-70	LED-24/72W / 1050 mA - 3000 K	9913.8	81 W	70	13.00
	108-1035	LED-36/72W / 700 mA - 3000 K	8834.2	79 W	80	14.00
	108-1035-70	LED-36/72W / 700 mA - 3000 K	10052.8	79 W	70	14.00
	108-1037	LED-36/108W / 1050 mA - 3000 K	13049.8	119 W	80	14.00
	108-1037-70	LED-36/108W / 1050 mA - 3000 K	14870.7	119 W	70	14.00
	108-1039	LED-48/96W / 700 mA - 3000 K	11779	105.5 W	80	15.00
	108-1039-70	LED-48/96W / 700 mA - 3000 K	13403.7	105.5 W	70	15.00
	108-1041	LED-48/144W / 1050 mA - 3000 K	17399.7	159 W	80	15.00
	108-1041-70	LED-48/144W / 1050 mA - 3000 K	19827.5	159 W	70	15.00
	108-2472	LED-24/48W / 700 mA - 2700 K	5483.3	54 W	80	13.00
	108-2472-70	LED-24/48W / 700 mA - 2700 K	5889.5	54 W	70	13.00
	108-2473	LED-24/72W / 1050 mA - 2700 K	8295.2	81 W	80	13.00
	108-2473-70	LED-24/72W / 1050 mA - 2700 K	9509.1	81 W	70	13.00
	108-2474	LED-36/72W / 700 mA - 2700 K	8225	79 W	80	14.00
	108-2474-70	LED-36/72W / 700 mA - 2700 K	8834.2	79 W	70	14.00
	108-2475	LED-36/108W / 1050 mA - 2700 K	12442.8	119 W	80	14.00
	108-2475-70	LED-36/108W / 1050 mA - 2700 K	14263.7	119 W	70	14.00
	108-2476	LED-48/96W / 700 mA - 2700 K	10966.6	105.5 W	80	15.00
	108-2476-70	LED-48/96W / 700 mA - 2700 K	11779	105.5 W	70	15.00
	108-2477	LED-48/144W / 1050 mA - 2700 K	16590.4	159 W	80	15.00
	108-2477-70	LED-48/144W / 1050 mA - 2700 K	19018.2	159 W	70	15.00
	108-2647	LED-48/207W / 1400 mA - 2700 K	21041.5	214 W	80	15.00
	108-2647-70	LED-48/207W / 1400 mA - 2700 K	24278.6	214 W	70	15.00
	108-2648	LED-48/207W / 1400 mA - 3000 K	22255.4	214 W	80	13.00
	108-2648-70	LED-48/207W / 1400 mA - 3000 K	25290.2	214 W	70	13.00
	108-2649	LED-48/207W / 1400 mA - 4000 K	23267	214 W	80	13.00
	108-2649-70	LED-48/207W / 1400 mA - 4000 K	26301.8	214 W	70	13.00

PFL540 LED

Pole mounted

Control

Eco Step Dim® Basic

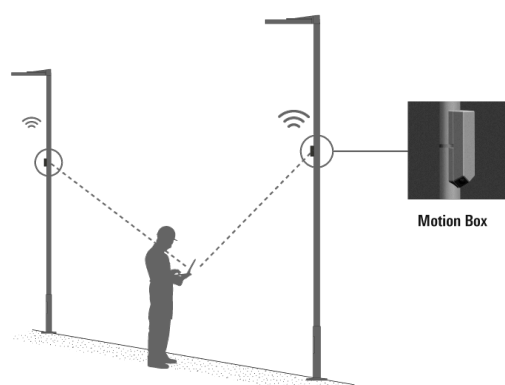
Description	Part ID
Eco Step Dim® Basic LED	430-0001

Eco Step Dim® Advanced

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

Eco Step Dim® Motion

Description	Part ID
Eco Step Dim® Motion - Linked	430-0021



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

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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.



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>

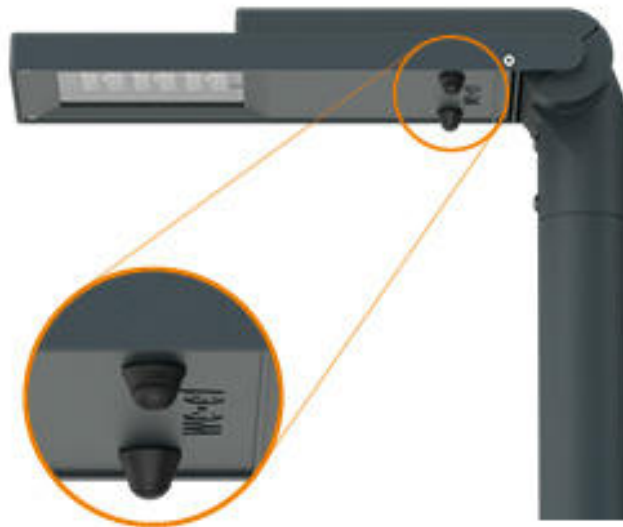


Description	Part ID	Additional information
Citygrid Motion - Smart-City-Package	420-0013	<p>Citygrid Motion On Pole Controller</p> <p>The Citygrid Motion On Pole Controller is the all-in-one device that can convert existing luminaires into an intelligent lighting system.</p> <p>The Smart-City package: 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>



PFL540 LED

Pole mounted

Description	Part ID	Additional information
Citygrid Motion - Standalone-Package	420-0022	<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 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>



PFL540 LED

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. 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>



PFL540 LED

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: 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>



Wild-Light Citygrid Motion On Pole

Description	Part ID	Additional information
Wild-Light Citygrid Motion - Entry- Package	420-1111	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.

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.

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.



Description	Part ID	Additional information
Wild-Light Citygrid Motion - Standalone-Package	420-1112	Citygrid Motion On Pole Controller for Wild-Light. The Citygrid Motion On Pole Controller is the all-in-one device that can convert existing luminaires into an intelligent lighting system.

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.



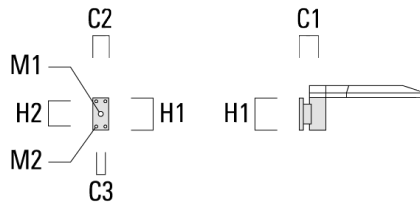
Description	Part ID	Additional information
Wild-Light Citygrid Motion - Smart-City-Package	420-1113	<p>Citygrid Motion On Pole Controller for Wild-Light.</p> <p>The Citygrid Motion On Pole Controller is the all-in-one device that can convert existing luminaires into an intelligent lighting system.</p> <p>The Smart-City package: 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>



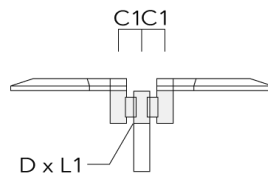
Mounting Accessories

Wall and pole brackets RV

Description	Part ID	Additional information	C1	C2	C3	D1	D × L1	H1	H2	M1	M2	Weight (kg)	C	D	H
RV0 Wall bracket	108-0979	RV0 Wall bracket	108	100	60			200	160	38	12	2.00	108		



RV2-76 Pole bracket, double	108-0980		147				76 x 100					4.80	147	76	200
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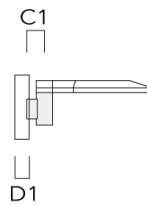
PFL540 LED

Pole mounted

Description	Part ID	Additional information	C1	C2	C3	D1	D × L1	H1	H2	M1	M2	Weight (kg)	C	D	H
RV2-60 Pole bracket, double	108-0981	147					60 x 100					4.80	147	60	200



RV5 Pole bracket	108-0982	108				76-240						1.70	106		200
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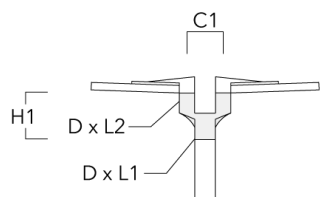
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PFL540 LED

Pole mounted

Post top fitter AKV

Description	Part ID	C1	D × L1	D × L2	H1	Weight (kg)
AKV2-76	300-0053	180	76x100	67x	235	1.50



Optical Accessories**Light shield**

Description	Part ID	Additional information
LS180-[A60]	430-0038	Light shield LS180 to greatly reduce or eliminate light pollution. PA injection moulded component, black matt. Suitable for asymmetric light distribution [A60].
LS180	430-0029	Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit. Suitable for [S60], [S65], [S70], [R65], [P65] lenses. Must be specified at time of ordering.