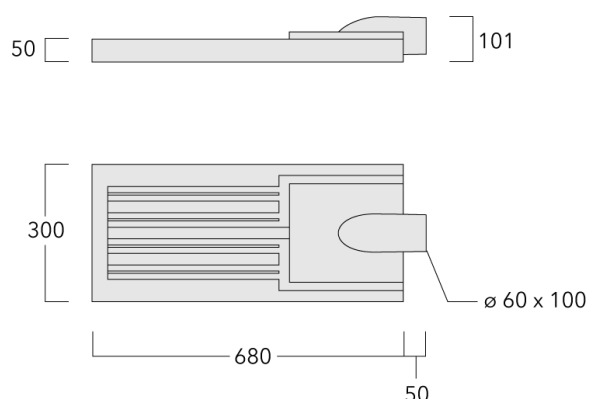


VFL540-SE LED

Pole mounted

we-ef



Description

IP66, Class I or Class II. 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.

Variant with 2200 K or as 'Wild-Light' 2200 K combined with 3000 K with Eco Step Dim® Advanced or Motion available on request, must be specified at time of ordering. For further details and available variants see below under additional information - Wild-Light Presentation.

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






Fagerhult Lighting Ltd

33-34 Dolben Street, SE1 0UQ London, United Kingdom

<https://we-ef.com/uk>

Subject to technical changes and errors. - Generated on 23/11/2024

Pole mounted**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	0.208 m ²

Electrical description

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

Additional information

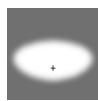
Lifetime	Ta=25° L90B10 > 90000h
Energy efficiency class	C-D (Light source)

VFL540-SE LED

Pole mounted

Options

Light distribution



asymmetric, side throw beam [S60]



asymmetric, side throw [S70]



asymmetric, forward throw [A60]



asymmetric, side throw beam [S65]



rectangular, side throw [R65]



pedestrian crossing, left-hand traffic [P45L]



pedestrian/bicycle lane [P65]



pedestrian crossing, right-hand traffic [P45R]

Colour temperature



3000 K



4000 K



2700 K

Nominal Watt

86 W

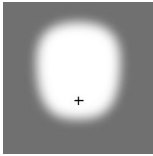
114 W

42 W

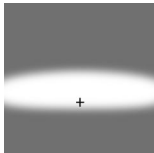
56 W

0 W

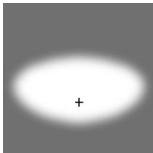
Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
asymmetric, forward throw [A60] 	108-1251	LED-36/72W / 700 mA - 3000 K	8317.1	79 W	80	8.20
	108-1251-70	LED-36/72W / 700 mA - 3000 K	9464.3	79 W	70	8.20
	108-1252	LED-36/72W / 700 mA - 4000 K	8890.7	79 W	80	8.20
	108-1252-70	LED-36/72W / 700 mA - 4000 K	10037.9	79 W	70	8.20
	108-1261	LED-48/96W / 700 mA - 3000 K	11089.5	105.5 W	80	8.20
	108-1261-70	LED-48/96W / 700 mA - 3000 K	12619	105.5 W	70	8.20
	108-1262	LED-48/96W / 700 mA - 4000 K	11854.2	105.5 W	80	8.20
	108-1262-70	LED-48/96W / 700 mA - 4000 K	13383.8	105.5 W	70	8.20
	108-1271	LED-36/36W / 350 mA - 3000 K	4667.5	39 W	80	8.20
	108-1271-70	LED-36/36W / 350 mA - 3000 K	5420.3	39 W	70	8.20
	108-1272	LED-36/36W / 350 mA - 4000 K	5119.2	39 W	80	8.20
	108-1272-70	LED-36/36W / 350 mA - 4000 K	5721.5	39 W	70	8.20
	108-1281	LED-48/48W / 350 mA - 3000 K	6223.3	52 W	80	8.20
	108-1281-70	LED-48/48W / 350 mA - 3000 K	7227.1	52 W	70	8.20
	108-1282	LED-48/48W / 350 mA - 4000 K	6825.6	52 W	80	8.20
	108-1282-70	LED-48/48W / 350 mA - 4000 K	7628.6	52 W	70	8.20
	108-2068	LED-36/108W / 1050 mA - 3000 K	13363.6	119 W	80	8.20
	108-2068-70	LED-36/108W / 1050 mA - 3000 K	15228.3	119 W	70	8.20
	108-2069	LED-36/108W / 1050 mA - 4000 K	13985.2	119 W	80	8.20
	108-2069-70	LED-36/108W / 1050 mA - 4000 K	15849.9	119 W	70	8.20
	108-2078	LED-48/144W / 1050 mA - 3000 K	17818.2	159 W	80	8.20
	108-2078-70	LED-48/144W / 1050 mA - 3000 K	20304.4	159 W	70	8.20
	108-2079	LED-48/144W / 1050 mA - 4000 K	18646.9	159 W	80	8.20
	108-2079-70	LED-48/144W / 1050 mA - 4000 K	21133.2	159 W	70	8.20
	108-2446	LED-36/36W / 350 mA - 2700 K	4366.4	39 W	80	8.20
	108-2446-70	LED-36/36W / 350 mA - 2700 K	4667.5	39 W	70	8.20
	108-2447	LED-36/72W / 700 mA - 2700 K	7743.5	79 W	80	8.20
	108-2447-70	LED-36/72W / 700 mA - 2700 K	8317.1	79 W	70	8.20
	108-2448	LED-36/108W / 1050 mA - 2700 K	12742.1	119 W	80	8.20
	108-2448-70	LED-36/108W / 1050 mA - 2700 K	14606.8	119 W	70	8.20
	108-2449	LED-48/48W / 350 mA - 2700 K	5821.8	52 W	80	8.20
	108-2449-70	LED-48/48W / 350 mA - 2700 K	6223.3	52 W	70	8.20
	108-2450	LED-48/96W / 700 mA - 2700 K	10324.7	105.5 W	80	8.20
108-2450-70	LED-48/96W / 700 mA - 2700 K	11089.5	105.5 W	70	8.20	
108-2451	LED-48/144W / 1050 mA - 2700 K	16989.4	159 W	80	8.20	

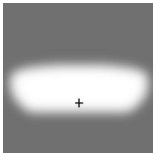
Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	108-2451-70	LED-48/144W / 1050 mA - 2700 K	19475.7	159 W	70	8.20
asymmetric, side throw [S70]	108-1249	LED-36/72W / 700 mA - 3000 K	9266.9	79 W	80	8.20
	108-1249-70	LED-36/72W / 700 mA - 3000 K	10545.1	79 W	70	8.20
	108-1250	LED-36/72W / 700 mA - 4000 K	9906	79 W	80	8.20
	108-1250-70	LED-36/72W / 700 mA - 4000 K	11184.2	79 W	70	8.20
	108-1259	LED-48/96W / 700 mA - 3000 K	12355.9	105.5 W	80	8.20
	108-1259-70	LED-48/96W / 700 mA - 3000 K	14060.1	105.5 W	70	8.20
	108-1260	LED-48/96W / 700 mA - 4000 K	13208	105.5 W	80	8.20
	108-1260-70	LED-48/96W / 700 mA - 4000 K	14912.3	105.5 W	70	8.20
	108-1269	LED-36/36W / 350 mA - 3000 K	5163.3	39 W	80	8.20
	108-1269-70	LED-36/36W / 350 mA - 3000 K	5996.1	39 W	70	8.20
	108-1270	LED-36/36W / 350 mA - 4000 K	5663	39 W	80	8.20
	108-1270-70	LED-36/36W / 350 mA - 4000 K	6329.2	39 W	70	8.20
	108-1279	LED-48/48W / 350 mA - 3000 K	6884.4	52 W	80	8.20
	108-1279-70	LED-48/48W / 350 mA - 3000 K	7994.8	52 W	70	8.20
	108-1280	LED-48/48W / 350 mA - 4000 K	7550.6	52 W	80	8.20
	108-1280-70	LED-48/48W / 350 mA - 4000 K	8439	52 W	70	8.20
	108-2076	LED-36/108W / 1050 mA - 3000 K	14561.8	119 W	80	8.20
	108-2076-70	LED-36/108W / 1050 mA - 3000 K	16593.7	119 W	70	8.20
	108-2077	LED-36/108W / 1050 mA - 4000 K	15239.1	119 W	80	8.20
	108-2077-70	LED-36/108W / 1050 mA - 4000 K	17271	119 W	70	8.20
	108-2086	LED-48/144W / 1050 mA - 3000 K	19415.7	159 W	80	8.20
	108-2086-70	LED-48/144W / 1050 mA - 3000 K	22124.9	159 W	70	8.20
	108-2087	LED-48/144W / 1050 mA - 4000 K	20318.8	159 W	80	8.20
	108-2087-70	LED-48/144W / 1050 mA - 4000 K	23028	159 W	70	8.20
	108-2434	LED-36/36W / 350 mA - 2700 K	4830.2	39 W	80	8.20
	108-2434-70	LED-36/36W / 350 mA - 2700 K	5163.3	39 W	70	8.20
	108-2435	LED-36/72W / 700 mA - 2700 K	8627.8	79 W	80	8.20
	108-2435-70	LED-36/72W / 700 mA - 2700 K	9266.9	79 W	70	8.20
	108-2436	LED-36/108W / 1050 mA - 2700 K	13884.5	119 W	80	8.20
	108-2436-70	LED-36/108W / 1050 mA - 2700 K	15916.4	119 W	70	8.20
	108-2437	LED-48/48W / 350 mA - 2700 K	6440.3	52 W	80	8.20
	108-2437-70	LED-48/48W / 350 mA - 2700 K	6884.4	52 W	70	8.20
	108-2438	LED-48/96W / 700 mA - 2700 K	11503.7	105.5 W	80	8.20
	108-2438-70	LED-48/96W / 700 mA - 2700 K	12355.9	105.5 W	70	8.20
	108-2439	LED-48/144W / 1050 mA - 2700 K	18512.7	159 W	80	8.20

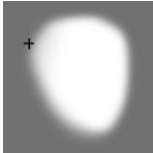
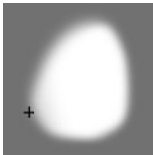
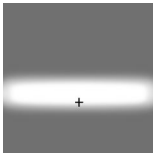
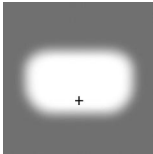
Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	108-2439-70	LED-48/144W / 1050 mA - 2700 K	21221.8	159 W	70	8.20
asymmetric, side throw beam [S60]	108-1247	LED-36/72W / 700 mA - 3000 K	9293.7	79 W	80	8.20
	108-1247-70	LED-36/72W / 700 mA - 3000 K	10575.6	79 W	70	8.20
	108-1248	LED-36/72W / 700 mA - 4000 K	9934.7	79 W	80	8.20
	108-1248-70	LED-36/72W / 700 mA - 4000 K	11216.6	79 W	70	8.20
	108-1257	LED-48/96W / 700 mA - 3000 K	12391.6	105.5 W	80	8.20
	108-1257-70	LED-48/96W / 700 mA - 3000 K	14100.8	105.5 W	70	8.20
	108-1258	LED-48/96W / 700 mA - 4000 K	13246.2	105.5 W	80	8.20
	108-1258-70	LED-48/96W / 700 mA - 4000 K	14955.4	105.5 W	70	8.20
	108-1267	LED-36/36W / 350 mA - 3000 K	5175.6	39 W	80	8.20
	108-1267-70	LED-36/36W / 350 mA - 3000 K	6010.3	39 W	70	8.20
	108-1268	LED-36/36W / 350 mA - 4000 K	5676.4	39 W	80	8.20
	108-1268-70	LED-36/36W / 350 mA - 4000 K	6344.2	39 W	70	8.20
	108-1277	LED-48/48W / 350 mA - 3000 K	6900.7	52 W	80	8.20
	108-1277-70	LED-48/48W / 350 mA - 3000 K	8013.8	52 W	70	8.20
	108-1278	LED-48/48W / 350 mA - 4000 K	7568.6	52 W	80	8.20
	108-1278-70	LED-48/48W / 350 mA - 4000 K	8459	52 W	70	8.20
	108-2072	LED-36/108W / 1050 mA - 3000 K	14542.9	119 W	80	8.20
	108-2072-70	LED-36/108W / 1050 mA - 3000 K	16572.2	119 W	70	8.20
	108-2073	LED-36/108W / 1050 mA - 4000 K	15219.4	119 W	80	8.20
	108-2073-70	LED-36/108W / 1050 mA - 4000 K	17248.6	119 W	70	8.20
	108-2082	LED-48/144W / 1050 mA - 3000 K	19390.6	159 W	80	8.20
	108-2082-70	LED-48/144W / 1050 mA - 3000 K	22096.3	159 W	70	8.20
	108-2083	LED-48/144W / 1050 mA - 4000 K	20292.5	159 W	80	8.20
	108-2083-70	LED-48/144W / 1050 mA - 4000 K	22998.2	159 W	70	8.20
	108-2422	LED-36/36W / 350 mA - 2700 K	4841.6	39 W	80	8.20
	108-2422-70	LED-36/36W / 350 mA - 2700 K	5175.6	39 W	70	8.20
	108-2423	LED-36/72W / 700 mA - 2700 K	8652.8	79 W	80	8.20
	108-2423-70	LED-36/72W / 700 mA - 2700 K	9293.7	79 W	70	8.20
	108-2424	LED-36/108W / 1050 mA - 2700 K	13866.5	119 W	80	8.20
	108-2424-70	LED-36/108W / 1050 mA - 2700 K	15895.8	119 W	70	8.20
	108-2425	LED-48/48W / 350 mA - 2700 K	6455.5	52 W	80	8.20
	108-2425-70	LED-48/48W / 350 mA - 2700 K	6900.7	52 W	70	8.20
	108-2426	LED-48/96W / 700 mA - 2700 K	11537	105.5 W	80	8.20
	108-2426-70	LED-48/96W / 700 mA - 2700 K	12391.6	105.5 W	70	8.20
	108-2427	LED-48/144W / 1050 mA - 2700 K	18488.7	159 W	80	8.20

Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	108-2427-70	LED-48/144W / 1050 mA - 2700 K	21194.4	159 W	70	8.20
asymmetric, side throw beam [S65]	108-1253	LED-36/72W / 700 mA - 3000 K	9433.3	79 W	80	8.20
	108-1253-70	LED-36/72W / 700 mA - 3000 K	10734.4	79 W	70	8.20
	108-1254	LED-36/72W / 700 mA - 4000 K	10083.9	79 W	80	8.20
	108-1254-70	LED-36/72W / 700 mA - 4000 K	11385	79 W	70	8.20
	108-1263	LED-48/96W / 700 mA - 3000 K	12577.7	105.5 W	80	8.20
	108-1263-70	LED-48/96W / 700 mA - 3000 K	14312.6	105.5 W	70	8.20
	108-1264	LED-48/96W / 700 mA - 4000 K	13445.2	105.5 W	80	8.20
	108-1264-70	LED-48/96W / 700 mA - 4000 K	15180	105.5 W	70	8.20
	108-1273	LED-36/36W / 350 mA - 3000 K	5242.6	39 W	80	8.20
	108-1273-70	LED-36/36W / 350 mA - 3000 K	6088.1	39 W	70	8.20
	108-1274	LED-36/36W / 350 mA - 4000 K	5749.9	39 W	80	8.20
	108-1274-70	LED-36/36W / 350 mA - 4000 K	6426.4	39 W	70	8.20
	108-1283	LED-48/48W / 350 mA - 3000 K	6990.1	52 W	80	8.20
	108-1283-70	LED-48/48W / 350 mA - 3000 K	8117.5	52 W	70	8.20
	108-1284	LED-48/48W / 350 mA - 4000 K	7666.6	52 W	80	8.20
	108-1284-70	LED-48/48W / 350 mA - 4000 K	8568.5	52 W	70	8.20
	108-2074	LED-36/108W / 1050 mA - 3000 K	14707.6	119 W	80	8.20
	108-2074-70	LED-36/108W / 1050 mA - 3000 K	16759.8	119 W	70	8.20
	108-2075	LED-36/108W / 1050 mA - 4000 K	15391.6	119 W	80	8.20
	108-2075-70	LED-36/108W / 1050 mA - 4000 K	17443.8	119 W	70	8.20
	108-2084	LED-48/144W / 1050 mA - 3000 K	19610.1	159 W	80	8.20
	108-2084-70	LED-48/144W / 1050 mA - 3000 K	22346.4	159 W	70	8.20
	108-2085	LED-48/144W / 1050 mA - 4000 K	20522.2	159 W	80	8.20
	108-2085-70	LED-48/144W / 1050 mA - 4000 K	23258.5	159 W	70	8.20
	108-2428	LED-36/36W / 350 mA - 2700 K	4904.3	39 W	80	8.20
	108-2428-70	LED-36/36W / 350 mA - 2700 K	5242.6	39 W	70	8.20
	108-2429	LED-36/72W / 700 mA - 2700 K	8782.7	79 W	80	8.20
	108-2429-70	LED-36/72W / 700 mA - 2700 K	9433.3	79 W	70	8.20
	108-2430	LED-36/108W / 1050 mA - 2700 K	14023.5	119 W	80	8.20
	108-2430-70	LED-36/108W / 1050 mA - 2700 K	16075.7	119 W	70	8.20
	108-2431	LED-48/48W / 350 mA - 2700 K	6539.1	52 W	80	8.20
	108-2431-70	LED-48/48W / 350 mA - 2700 K	6990.1	52 W	70	8.20
	108-2432	LED-48/96W / 700 mA - 2700 K	11710.3	105.5 W	80	8.20
	108-2432-70	LED-48/96W / 700 mA - 2700 K	12577.7	105.5 W	70	8.20
	108-2433	LED-48/144W / 1050 mA - 2700 K	18698	159 W	80	8.20

Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)	
pedestrian crossing, left-hand traffic [P45L] 	108-2433-70	LED-48/144W / 1050 mA - 2700 K	21434.3	159 W	70	8.20	
	108-1991	LED-36/72W / 700 mA - 3000 K	9127.9	79 W	80	8.20	
	108-1992	LED-36/72W / 700 mA - 4000 K	9757.4	79 W	80	8.20	
	108-1995	LED-48/96W / 700 mA - 3000 K	12170.5	105.5 W	80	8.20	
	108-1996	LED-48/96W / 700 mA - 4000 K	13009.9	105.5 W	80	8.20	
	108-2530	LED-36/72W / 700 mA - 2700 K	8498.4	79 W	80	8.20	
	108-2531	LED-48/96W / 700 mA - 2700 K	11331.2	105.5 W	80	8.20	
	108-2877	LED-36/108W / 1050 mA - 2700 K	12440.6	119 W	80	8.20	
	108-2881	LED-48/144W / 1050 mA - 2700 K	16587.5	159 W	80	8.20	
	108-5170	LED-36/108W / 1050 mA - 3000 K	13047.5	119 W	80	8.20	
	108-5171	LED-36/108W / 1050 mA - 4000 K	13654.4	119 W	80	8.20	
	108-5174	LED-48/144W / 1050 mA - 3000 K	17396.7	159 W	80	8.20	
	108-5926	LED-48/144W / 1050 mA - 4000 K	18205.8	159 W	80	8.20	
	pedestrian crossing, right-hand traffic [P45R] 	108-2878	LED-36/108W / 1050 mA - 2700 K	12493.8	119 W	80	8.20
		108-2882	LED-48/144W / 1050 mA - 2700 K	16658.4	159 W	80	8.20
108-5172		LED-36/108W / 1050 mA - 3000 K	13103.3	119 W	80	8.20	
108-5173		LED-36/108W / 1050 mA - 4000 K	13712.7	119 W	80	8.20	
108-5175		LED-48/144W / 1050 mA - 3000 K	17471	159 W	80	8.20	
108-5546		LED-48/144W / 1050 mA - 4000 K	18283.6	159 W	80	8.20	
pedestrian/bicycle lane [P65] 	108-2128	LED-36/108W / 1050 mA - 3000 K	14412.4	119 W	80	8.20	
	108-2128-70	LED-36/108W / 1050 mA - 3000 K	16423.5	119 W	70	8.20	
	108-2129	LED-36/108W / 1050 mA - 4000 K	15082.8	119 W	80	8.20	
	108-2129-70	LED-36/108W / 1050 mA - 4000 K	17093.8	119 W	70	8.2	
	108-2130	LED-48/144W / 1050 mA - 3000 K	19216.6	159 W	80	8.20	
	108-2130-70	LED-48/144W / 1050 mA - 3000 K	21898	159 W	70	8.20	
	108-2131	LED-48/144W / 1050 mA - 4000 K	20110.4	159 W	80	8.20	
	108-2131-70	LED-48/144W / 1050 mA - 4000 K	22791.8	159 W	70	8.20	
	rectangular, side throw [R65] 	108-1255	LED-36/72W / 700 mA - 3000 K	8906.1	79 W	80	8.20
108-1255-70		LED-36/72W / 700 mA - 3000 K	10134.5	79 W	70	8.20	
108-1256		LED-36/72W / 700 mA - 4000 K	9520.3	79 W	80	8.20	
108-1256-70		LED-36/72W / 700 mA - 4000 K	10748.7	79 W	70	8.20	
108-1265		LED-48/96W / 700 mA - 3000 K	11874.8	105.5 W	80	8.20	
108-1265-70		LED-48/96W / 700 mA - 3000 K	13512.7	105.5 W	70	8.20	
108-1266		LED-48/96W / 700 mA - 4000 K	12693.7	105.5 W	80	8.20	
108-1266-70		LED-48/96W / 700 mA - 4000 K	14331.6	105.5 W	70	8.20	
108-1275		LED-36/36W / 350 mA - 3000 K	5050.6	39 W	80	8.20	

Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	108-1275-70	LED-36/36W / 350 mA - 3000 K	5865.2	39 W	70	8.20
	108-1276	LED-36/36W / 350 mA - 4000 K	5539.3	39 W	80	8.20
	108-1276-70	LED-36/36W / 350 mA - 4000 K	6191	39 W	70	8.20
	108-1285	LED-48/48W / 350 mA - 3000 K	6734.1	52 W	80	8.20
	108-1285-70	LED-48/48W / 350 mA - 3000 K	7820.2	52 W	70	8.20
	108-1286	LED-48/48W / 350 mA - 4000 K	7385.8	52 W	80	8.20
	108-1286-70	LED-48/48W / 350 mA - 4000 K	8254.7	52 W	70	8.20
	108-2070	LED-36/108W / 1050 mA - 3000 K	14070	119 W	80	8.20
	108-2070-70	LED-36/108W / 1050 mA - 3000 K	16033.2	119 W	70	8.20
	108-2071	LED-36/108W / 1050 mA - 4000 K	14724.4	119 W	80	8.20
	108-2071-70	LED-36/108W / 1050 mA - 4000 K	16687.7	119 W	70	8.20
	108-2080	LED-48/144W / 1050 mA - 3000 K	18760	159 W	80	8.20
	108-2080-70	LED-48/144W / 1050 mA - 3000 K	21377.7	159 W	70	8.20
	108-2081	LED-48/144W / 1050 mA - 4000 K	19632.5	159 W	80	8.20
	108-2081-70	LED-48/144W / 1050 mA - 4000 K	22250.2	159 W	70	8.20
	108-2440	LED-36/36W / 350 mA - 2700 K	4724.7	39 W	80	8.20
	108-2441	LED-36/72W / 700 mA - 2700 K	8291.9	79 W	80	8.20
	108-2441-70	LED-36/72W / 700 mA - 2700 K	8906.1	79 W	70	8.20
	108-2442	LED-36/108W / 1050 mA - 2700 K	13415.6	119 W	80	8.20
	108-2442-70	LED-36/108W / 1050 mA - 2700 K	15378.8	119 W	70	8.20
	108-2443	LED-48/48W / 350 mA - 2700 K	6299.6	52 W	80	8.20
	108-2443-70	LED-48/48W / 350 mA - 2700 K	6734.1	52 W	70	8.20
	108-2444	LED-48/96W / 700 mA - 2700 K	11055.8	105.5 W	80	8.20
	108-2444-70	LED-48/96W / 700 mA - 2700 K	11874.8	105.5 W	70	8.20
	108-2445	LED-48/144W / 1050 mA - 2700 K	17887.4	159 W	80	8.20
	108-2445-70	LED-48/144W / 1050 mA - 2700 K	20505.1	159 W	70	8.20

VFL540-SE LED

Pole mounted

Control

Eco Step Dim® Basic

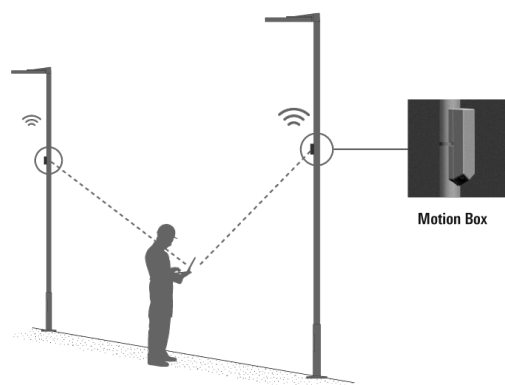
Description	Part ID
Eco Step Dim® Basic LED	430-0001

Eco Step Dim® Advanced

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

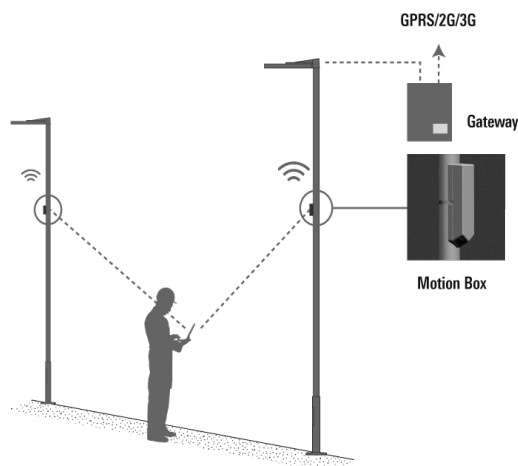
Eco Step Dim® Motion

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



Pole mounted

Description	Part ID
Eco Step Dim® Motion - Connected	430-0022



R2C Ready to Connect

Description	Part ID
R2C Ready to Connect (top)	430-0019

Wild-Light Eco Step Dim® Advanced

Description	Part ID	Additional information
Wild-Light Eco Step Dim® Advanced	430-0034	<p>Fully automatic independent dimming pre-set, without additional installation effort, Example: Starting the night with warm white (3000 K from 20:00 to 22:00), reduced to biodiversity friendly in the heart of the night (2200 K from 22:00 to 06:00), and returning back to warm white in the early morning (3000 K from 06:00 to 07:00).</p> <p>This is the easiest to implement solution to create a nature-friendly lighting scenario, as no additional installations or external controls are needed. All pre-settings are made in the two LED drivers. The dimming values are programmed into the driver during the production of the luminaires. An optional link with sunrise and sunset times can mean additional optimisation. A customer-specific configuration is possible.</p> <p>The settings can be changed directly on the LED driver at any time (NFC). The necessary tool is standardised and can also be obtained from WE-EF as an optional extra.</p>
Wild-Light Motion	430-0035	

Pole mounted**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: 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

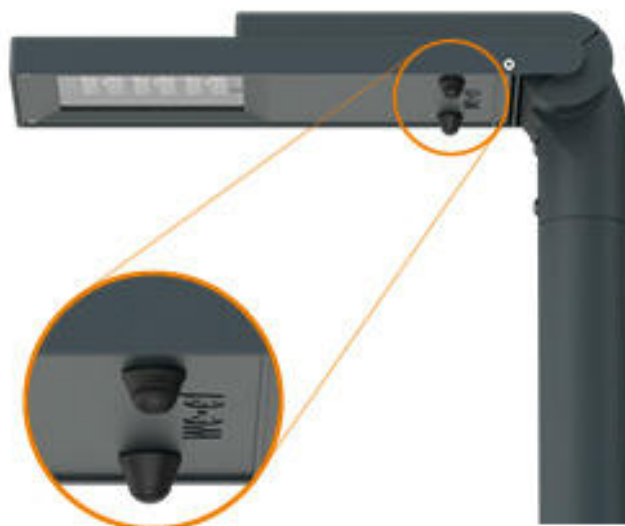
Description	Part ID	Additional information
Citygrid Motion - Smart-City-Package	420-0013	<p>Citygrid Motion On Pole Controller</p> <p>The Citygrid Motion On Pole Controller is the all-in-one device that can convert existing luminaires into an intelligent lighting system.</p> <p>The Smart-City package: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



Pole mounted

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	<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>



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	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.

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.



VFL540-SE LED

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>



Pole mounted**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.



Pole mounted

Description	Part ID	Additional information
Wild-Light Citygrid Motion - Standalone-Package	420-1112	<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 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

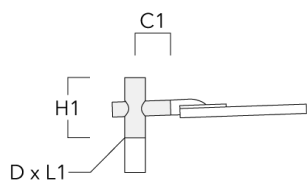
Description	Part ID	Additional information
Wild-Light Citygrid Motion - Smart-City-Package	420-1113	<p>Citygrid Motion On Pole Controller for Wild-Light.</p> <p>The Citygrid Motion On Pole Controller is the all-in-one device that can convert existing luminaires into an intelligent lighting system.</p>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



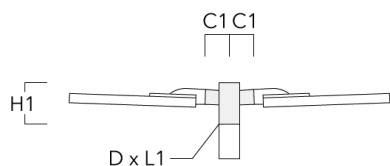
Mounting Accessories

Pole brackets RF

Description	Part ID	C1	D × L1	H1	Weight (kg)	C	H
RF1-540 Pole bracket, single	111-0046	200	76 x 80	200	2.60	200	300



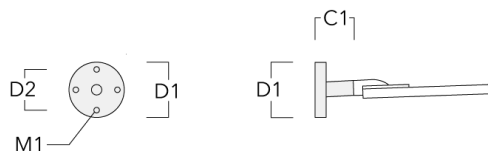
RF2-540 Pole bracket, double	111-0047	200	76 x 80	200	3.30	200	300
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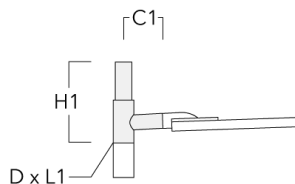
Pole mounted

Wall and pole brackets RE

Description	Part ID	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
RE0-540 Wall bracket	111-0084	180	230	195			12	3.20	140	

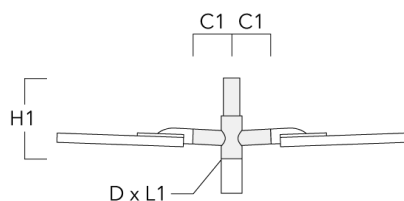


RE1-540 Pole bracket, single	111-0042	200			76 x 130	550		4.60	200	550
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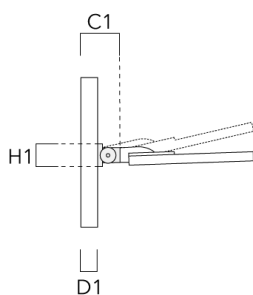
Pole mounted

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



Wall and pole brackets RI

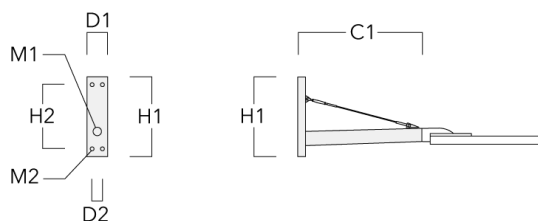
Description	Part ID	C1	D1	H1	Weight (kg)	D	H
RI-540 Wall and pole bracket	111-0179	212-255	102-133	127	1.85	102-133	110



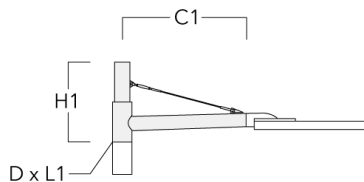
Pole mounted

Wall and pole brackets RX

Description	Part ID	C1	D1	D2	D × L1	H1	H2	M1	M2	Weight (kg)
RX0-540 Wall bracket	111-0086	1000	140	100		450	385	30	12	5.20

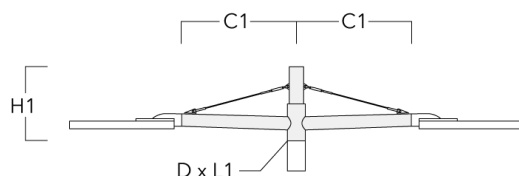


RX1-540 Pole bracket, single	111-0054	1000			76 x 130	550				6.80
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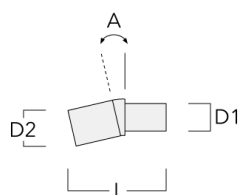
Pole mounted

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



Tilt brackets TB

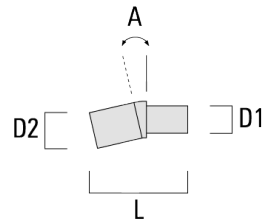
Description	Part ID	A	D1	D2	L	Weight (kg)
TB-540.60-10 Tilt bracket 10°	111-0636	10°	60 x 90	60 x 100	205	0.70



VFL540-SE LED

Pole mounted

Description	Part ID	A	D1	D2	L	Weight (kg)
TB-540.60-15 Tilt bracket 15°	111-0637	15°	60 x 90	60 x 100	205	0.70



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.