

Description

IP66, Class I. IK08. Marine-grade die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. RFC™ Reflection Free Contour main lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral electronic converter with DALI interface. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

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.

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

Including 0.5 m cable with a cable connector.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

VFL540-SE LED

Pole mounted

we-ef

Wild-Light options available on request.





WE-EF LIGHTING (Thailand) Co., Ltd.

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Pole mounted**Specifications****Material description**

Body	Marine-grade, die-cast aluminium alloy
Lens	RFC™ Reflection Free Contour main lens
Colours	 RAL9004 Signal black  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 electronic converter with DALI interface
Power factor	> 0.9

Additional information

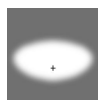
Lifetime	Ta=25° L90B10 > 90000h
BUG Rating	Please see individual Spec Sheets for classification of Backlight, Uplight and Glare

VFL540-SE LED

Pole mounted

Options

Light distribution



asymmetric, side throw [S60]



asymmetric, side throw [S70]



asymmetric, forward throw [A60]



asymmetric, side throw [S65]



rectangular, side throw [R65]



pedestrian crossing, left-hand traffic [P45L]



pedestrian crossing, right-hand traffic [P45R]



pedestrian/bicycle lane [P65]

Colour temperature



3000 K



4000 K



2700 K

Nominal Watt

86 W

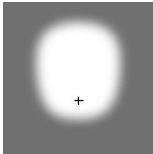
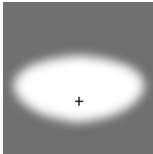
114 W

42 W

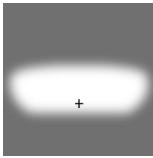
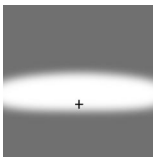
56 W

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
	108-1252	LED-36/72W / 700 mA - 4000 K	8890.7	79 W	80	8.20
	108-1261	LED-48/96W / 700 mA - 3000 K	11089.5	105.5 W	80	8.20
	108-1262	LED-48/96W / 700 mA - 4000 K	11854.2	105.5 W	80	8.20
	108-1271	LED-36/36W / 350 mA - 3000 K	4667.5	39 W	80	8.20
	108-1272	LED-36/36W / 350 mA - 4000 K	5119.2	39 W	80	8.20
	108-1281	LED-48/48W / 350 mA - 3000 K	6223.3	52 W	80	8.20
	108-1282	LED-48/48W / 350 mA - 4000 K	6825.6	52 W	80	8.20
	108-2068	LED-36/108W / 1050 mA - 3000 K	13363.6	119 W	80	8.20
	108-2069	LED-36/108W / 1050 mA - 4000 K	13985.2	119 W	80	8.20
	108-2078	LED-48/144W / 1050 mA - 3000 K	17818.2	159 W	80	8.20
	108-2079	LED-48/144W / 1050 mA - 4000 K	18646.9	159 W	80	8.20
	108-2446	LED-36/36W / 350 mA - 2700 K	4366.4	39 W	80	8.20
	108-2447	LED-36/72W / 700 mA - 2700 K	7743.5	79 W	80	8.20
	108-2448	LED-36/108W / 1050 mA - 2700 K	12742.1	119 W	80	8.20
	108-2449	LED-48/48W / 350 mA - 2700 K	5821.8	52 W	80	8.20
	108-2450	LED-48/96W / 700 mA - 2700 K	10324.7	105.5 W	80	8.20
	108-2451	LED-48/144W / 1050 mA - 2700 K	16989.4	159 W	80	8.20
asymmetric, side throw [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
	108-1257	LED-48/96W / 700 mA - 3000 K	12391.6	105.5 W	80	8.20
	108-1258	LED-48/96W / 700 mA - 4000 K	13246.2	105.5 W	80	8.20
	108-1267	LED-36/36W / 350 mA - 3000 K	5175.6	39 W	80	8.20
	108-1268	LED-36/36W / 350 mA - 4000 K	5676.4	39 W	80	8.20
	108-1277	LED-48/48W / 350 mA - 3000 K	6900.7	52 W	80	8.20
	108-1278	LED-48/48W / 350 mA - 4000 K	7568.6	52 W	80	8.20
	108-2072	LED-36/108W / 1050 mA - 3000 K	14542.9	119 W	80	8.20
	108-2073	LED-36/108W / 1050 mA - 4000 K	15219.4	119 W	80	8.20
	108-2082	LED-48/144W / 1050 mA - 3000 K	19390.6	159 W	80	8.20
	108-2083	LED-48/144W / 1050 mA - 4000 K	20292.5	159 W	80	8.20
	108-2422	LED-36/36W / 350 mA - 2700 K	4841.6	39 W	80	8.20
	108-2423	LED-36/72W / 700 mA - 2700 K	8652.8	79 W	80	8.20
	108-2424	LED-36/108W / 1050 mA - 2700 K	13866.5	119 W	80	8.20
	108-2425	LED-48/48W / 350 mA - 2700 K	6455.5	52 W	80	8.20

Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	108-2426	LED-48/96W / 700 mA - 2700 K	11537	105.5 W	80	8.20
	108-2427	LED-48/144W / 1050 mA - 2700 K	18488.7	159 W	80	8.20
asymmetric, side throw [S65]	108-1253	LED-36/72W / 700 mA - 3000 K	9433.3	79 W	80	8.20
	108-1254	LED-36/72W / 700 mA - 4000 K	10083.9	79 W	80	8.20
	108-1263	LED-48/96W / 700 mA - 3000 K	12577.7	105.5 W	80	8.20
	108-1264	LED-48/96W / 700 mA - 4000 K	13445.2	105.5 W	80	8.20
	108-1273	LED-36/36W / 350 mA - 3000 K	5242.6	39 W	80	8.20
	108-1274	LED-36/36W / 350 mA - 4000 K	5749.9	39 W	80	8.20
	108-1283	LED-48/48W / 350 mA - 3000 K	6990.1	52 W	80	8.20
	108-1284	LED-48/48W / 350 mA - 4000 K	7666.6	52 W	80	8.20
	108-2074	LED-36/108W / 1050 mA - 3000 K	14707.6	119 W	80	8.20
	108-2075	LED-36/108W / 1050 mA - 4000 K	15391.6	119 W	80	8.20
	108-2084	LED-48/144W / 1050 mA - 3000 K	19610.1	159 W	80	8.20
	108-2085	LED-48/144W / 1050 mA - 4000 K	20522.2	159 W	80	8.20
	108-2428	LED-36/36W / 350 mA - 2700 K	4904.3	39 W	80	8.20
	108-2429	LED-36/72W / 700 mA - 2700 K	8782.7	79 W	80	8.20
	108-2430	LED-36/108W / 1050 mA - 2700 K	14023.5	119 W	80	8.20
	108-2431	LED-48/48W / 350 mA - 2700 K	6539.1	52 W	80	8.20
	108-2432	LED-48/96W / 700 mA - 2700 K	11710.3	105.5 W	80	8.20
	108-2433	LED-48/144W / 1050 mA - 2700 K	18698	159 W	80	8.20
asymmetric, side throw [S70]	108-1249	LED-36/72W / 700 mA - 3000 K	9266.9	79 W	80	8.20
	108-1250	LED-36/72W / 700 mA - 4000 K	9906	79 W	80	8.20
	108-1259	LED-48/96W / 700 mA - 3000 K	12355.9	105.5 W	80	8.20
	108-1260	LED-48/96W / 700 mA - 4000 K	13208	105.5 W	80	8.20
	108-1269	LED-36/36W / 350 mA - 3000 K	5163.3	39 W	80	8.20
	108-1270	LED-36/36W / 350 mA - 4000 K	5663	39 W	80	8.20
	108-1279	LED-48/48W / 350 mA - 3000 K	6884.4	52 W	80	8.20
	108-1280	LED-48/48W / 350 mA - 4000 K	7550.6	52 W	80	8.20
	108-2076	LED-36/108W / 1050 mA - 3000 K	14561.8	119 W	80	8.20
	108-2077	LED-36/108W / 1050 mA - 4000 K	15239.1	119 W	80	8.20
	108-2086	LED-48/144W / 1050 mA - 3000 K	19415.7	159 W	80	8.20
	108-2087	LED-48/144W / 1050 mA - 4000 K	20318.8	159 W	80	8.20
	108-2434	LED-36/36W / 350 mA - 2700 K	4830.2	39 W	80	8.20
	108-2435	LED-36/72W / 700 mA - 2700 K	8627.8	79 W	80	8.20
	108-2436	LED-36/108W / 1050 mA - 2700 K	13884.5	119 W	80	8.20
	108-2437	LED-48/48W / 350 mA - 2700 K	6440.3	52 W	80	8.20

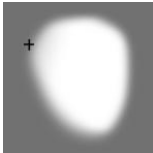
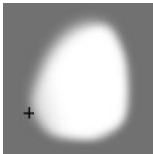
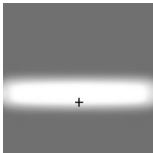
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Pole mounted

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)	
pedestrian crossing, left-hand traffic [P45L] 	108-2438	LED-48/96W / 700 mA - 2700 K	11503.7	105.5 W	80	8.20	
	108-2439	LED-48/144W / 1050 mA - 2700 K	18512.7	159 W	80	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] 	108-1993	LED-36/72W / 700 mA - 3000 K	9018.9	79 W	80	8.20	
	108-1994	LED-36/72W / 700 mA - 4000 K	9640.9	79 W	80	8.20	
	108-1997	LED-48/96W / 700 mA - 3000 K	12025.2	105.5 W	80	8.20	
	108-1998	LED-48/96W / 700 mA - 4000 K	12854.5	105.5 W	80	8.20	
	108-2452	LED-36/72W / 700 mA - 2700 K	8396.9	79 W	80	8.20	
	108-2453	LED-48/96W / 700 mA - 2700 K	11195.8	105.5 W	80	8.20	
	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	
	108-1256	LED-36/72W / 700 mA - 4000 K	9520.3	79 W	80	8.20	

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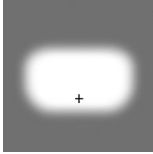
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VFL540-SE LED

Pole mounted

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Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight (kg)
	108-1265	LED-48/96W / 700 mA - 3000 K	11874.8	105.5 W	80	8.20
	108-1266	LED-48/96W / 700 mA - 4000 K	12693.7	105.5 W	80	8.20
	108-1275	LED-36/36W / 350 mA - 3000 K	5050.6	39 W	80	8.20
	108-1276	LED-36/36W / 350 mA - 4000 K	5539.3	39 W	80	8.20
	108-1285	LED-48/48W / 350 mA - 3000 K	6734.1	52 W	80	8.20
	108-1286	LED-48/48W / 350 mA - 4000 K	7385.8	52 W	80	8.20
	108-2070	LED-36/108W / 1050 mA - 3000 K	14070	119 W	80	8.20
	108-2071	LED-36/108W / 1050 mA - 4000 K	14724.4	119 W	80	8.20
	108-2080	LED-48/144W / 1050 mA - 3000 K	18760	159 W	80	8.20
	108-2081	LED-48/144W / 1050 mA - 4000 K	19632.5	159 W	80	8.20
	108-2440	LED-36/36W / 350 mA - 2700 K	4724.7	39 W	80	8.20
	108-2440-70	LED-36/36W / 350 mA - 2700 K	5050.6	39 W	70	8.20
	108-2441	LED-36/72W / 700 mA - 2700 K	8291.9	79 W	80	8.20
	108-2442	LED-36/108W / 1050 mA - 2700 K	13415.6	119 W	80	8.20
	108-2443	LED-48/48W / 350 mA - 2700 K	6299.6	52 W	80	8.20
	108-2444	LED-48/96W / 700 mA - 2700 K	11055.8	105.5 W	80	8.20
	108-2445	LED-48/144W / 1050 mA - 2700 K	17887.4	159 W	80	8.20

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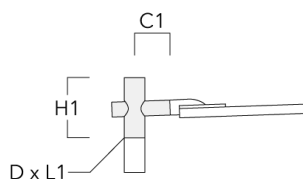
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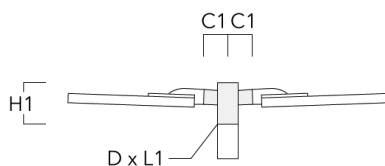
Mounting Accessories

Pole brackets RF

Description	Part ID	Additional information	C1	D × L1	H1	Weight (kg)	C	H
RF1-540 Pole bracket, single	111-0046		200	76 x 80	200	5.60	200	300

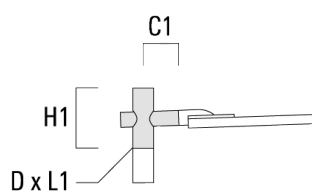


RF2-540 Pole bracket, double	111-0047		200	76 x 80	200	6.20	200	300
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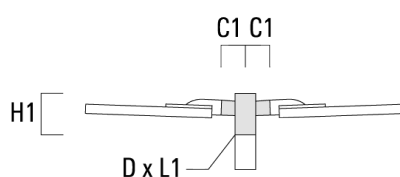
Pole mounted

Description	Part ID	Additional information	C1	D × L1	H1	Weight (kg)	C	H
Pole bracket RF1, single for mounting on AMW poles	111-9010	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	320	(102 x 80) + (76 x 100)	340	5.80		



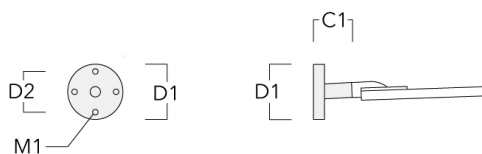
Pole mounted

Description	Part ID	Additional information	C1	D × L1	H1	Weight (kg)	C	H
Pole bracket RF2, double for mounting on AMW poles	111-9011	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	320	(102 x 80) + (76 x 100)	340	6.40		



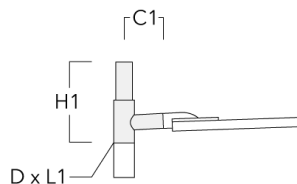
Wall and pole brackets RE

Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
Wall bracket RE0-540	111-0084		180	230	195			12	2.60		140

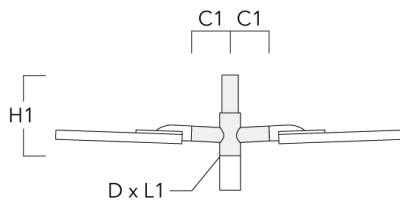


Pole mounted

Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
Pole bracket RE1-540, single	111-0042		200			76 x 130	550		7.30	200	550

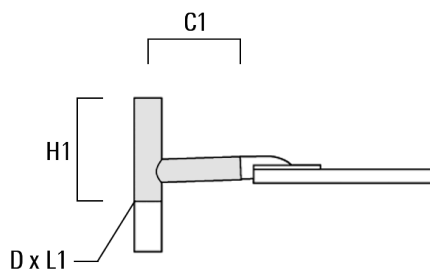


Pole bracket RE2-540, double	111-0043		200			76 x 130	550		8.40	200	550
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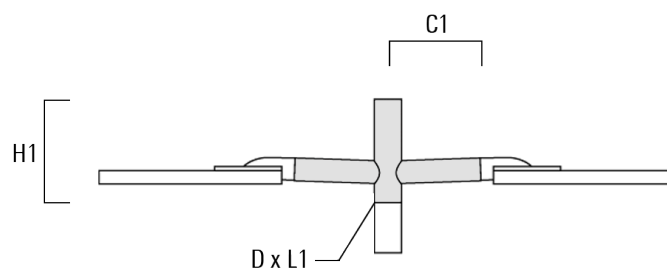
Pole mounted

Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
Pole bracket RE1, single for mounting on AML-A poles	111-9022	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	320			76 x 76	550		6.10		



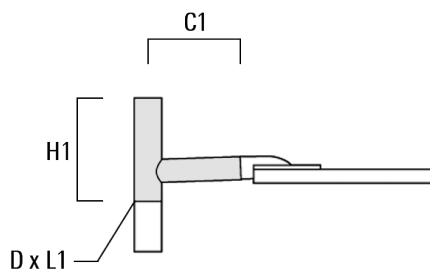
Pole mounted

Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
Pole bracket RE2, double for mounting on AML-A poles	111-9023	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	320			76 x 76	550		7.20		



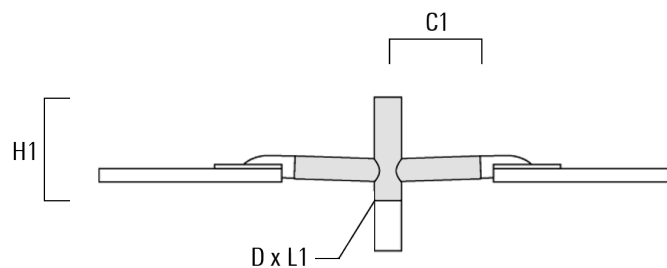
Pole mounted

Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
Pole bracket RE1, single for mounting on AMW poles	111-9012	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	320			(102 x 80) + (76 x 100)	590		7.50		



Pole mounted

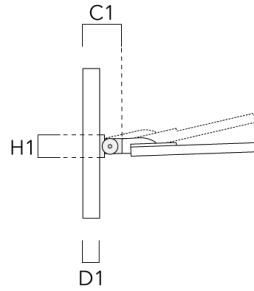
Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
Pole bracket RE2, double for mounting on AMW poles	111-9013	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	320			(102 x 80) + (76 x 100)	590		8.60		



Wall and pole brackets RI

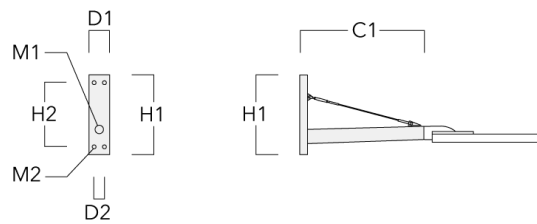
Pole mounted

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



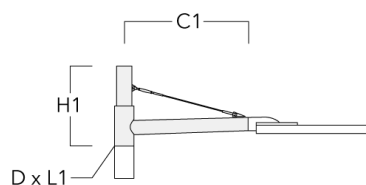
Wall and pole brackets RX

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

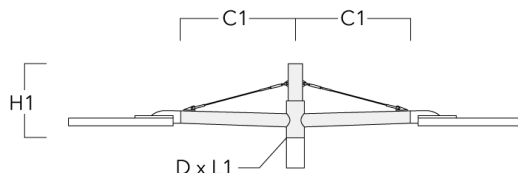


Pole mounted

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				6.80



RX2-540 Pole bracket, double	111-0055	1000			76 x 130	550				9.70
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Tilt brackets TB

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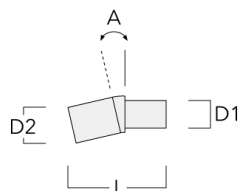
57 Moo 5, Kingkaew Rd., Bangplee, 10540 Samutprakarn - Phone: +66 2 738 96 20 - Fax: +66 2 738 96 29

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

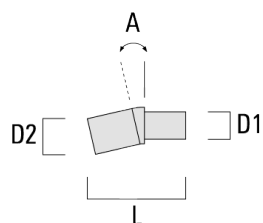
Subject to technical changes and errors. - Generated on 23/10/2024

Pole mounted

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



TB-540.60-15 Tilt bracket 15°	111-0637	15°	60 x 90	60 x 100	205	0.70
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VFL540-SE LED

Pole mounted

we-ef

Control

R2C Ready to Connect

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

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VFL540-SE LED

Pole mounted

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