

## VFL540-SE LED

**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 up-grading. 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.

Weight	8.20 kg
Light distribution	pedestrian crossing, left-hand traffic [P45L]
Light source	LED-36/72W / 700 mA - 3000 K
CRI	80
Power supply	EC
BUG	B2 U0 G1
LEDs	36
Rated input power	79 W

**Nominal Lumen (lm)**

LED Lumen	290
Total Lumen	10440
T <sub>j</sub>	85

**Rated lumens (lm)**

LED Lumen	253.6
Total Lumen	9127.9
T <sub>a</sub>	25

**108-1991**

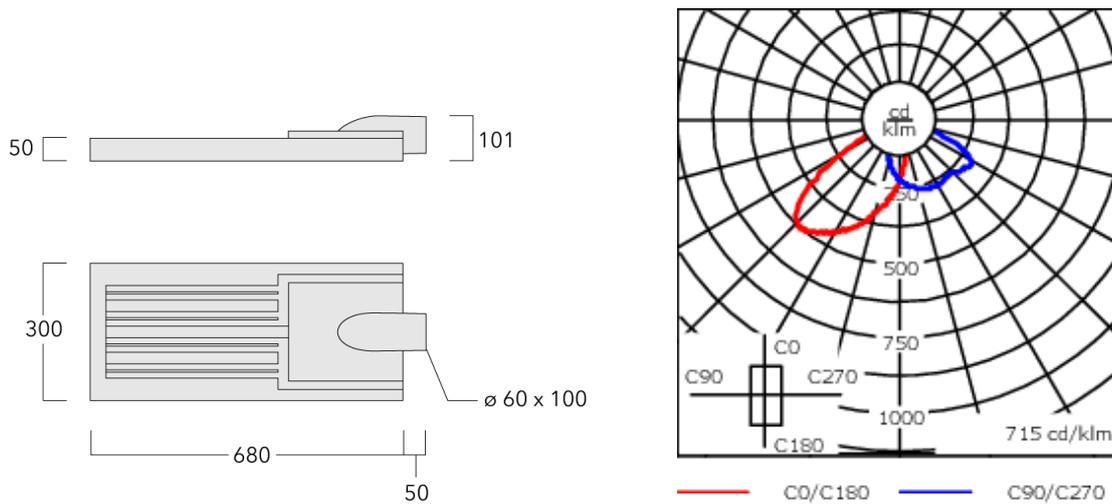
**VFL540-SE LED**

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***we-ef***

Wild-Light options available on request.

## VFL540-SE LED



## Specifications

### Material description

Body	Marine-grade, die-cast aluminium alloy
Lens	RFC™ Reflection Free Contour main lens
Colours	<div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> <div style="margin-right: 10px;">RAL9004 Signal black</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: grey; margin-right: 5px;"></div> <div style="margin-right: 10px;">RAL9007 Grey aluminium</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: darkgrey; margin-right: 5px;"></div> <div style="margin-right: 10px;">RAL7016 Anthracite grey</div> </div> <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: white; margin-right: 5px;"></div> <div style="margin-right: 10px;">RAL9016 Traffic white</div> </div>
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 <sup>2</sup>

### Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral electronic converter with DALI interface
Power factor	> 0.9

**Additional information**

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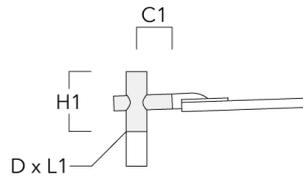
Lifetime	Ta=25° L90B10 > 90000h
BUG Rating	Please see individual Spec Sheets for classification of Backlight, Uplight and Glare

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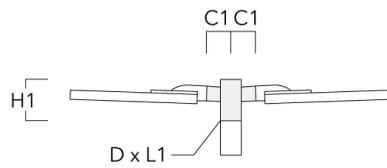
**Mounting Accessories**

**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

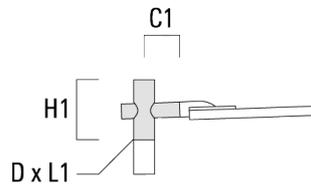


RF2-540 Pole bracket, double	111-0047		200	76 x 80	200	6.20	200	300
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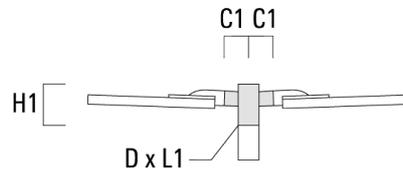
**VFL540-SE LED**

Description	Part ID	Additional information	C1	D x 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		



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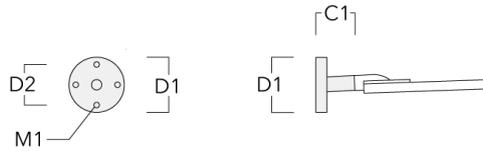
Description	Part ID	Additional information	C1	D × L1	H1	Weight (kg)	C	H
Pole bracket RF2, double for mounting on AMW poles	111-9011	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	320	(102 x 80) + (76 x 100)	340	6.40		



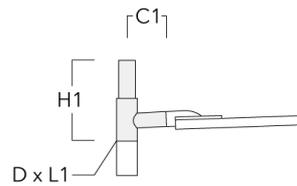
**VFL540-SE LED**

**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	

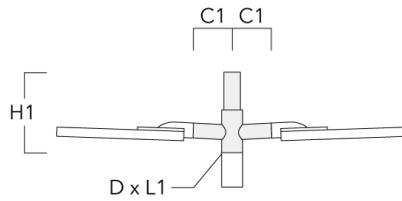


Pole bracket RE1-540, single	111-0042		200			76 x 130	550	7.30		200	550
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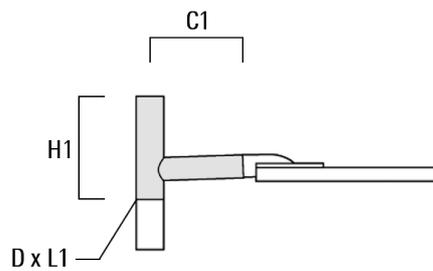
**VFL540-SE LED**

Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
Pole bracket RE2-540, double	111-0043		200			76 x 130	550		8.40	200	550



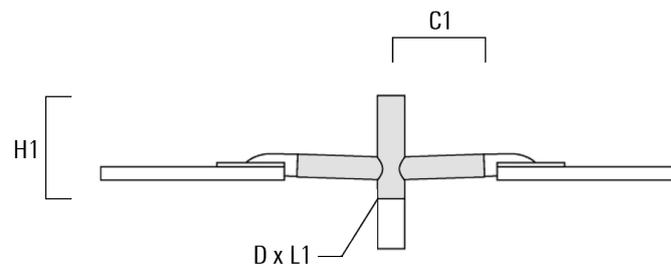
**VFL540-SE LED**

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		



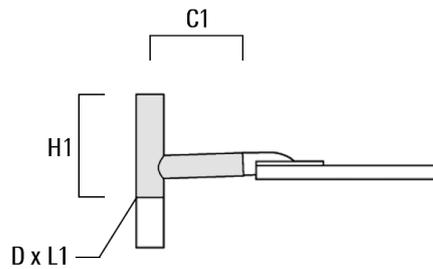
**VFL540-SE LED**

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		



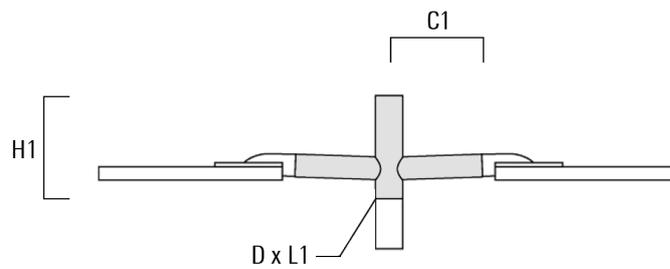
**VFL540-SE LED**

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		



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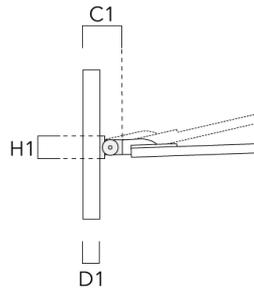
Description	Part ID	Additional information	C1	D1	D2	D × L1	H1	M1	Weight (kg)	C	H
Pole bracket RE2, double for mounting on AMW poles	111-9013	Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware.	320			(102 x 80) + (76 x 100)	590		8.60		



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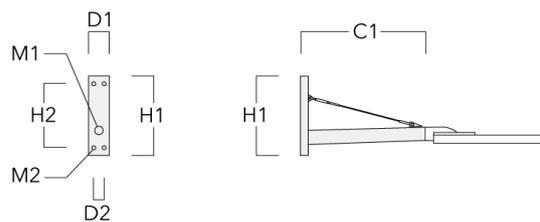
**Wall and pole brackets RI**

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



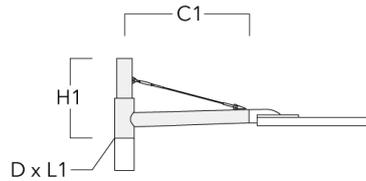
**Wall and pole brackets RX**

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

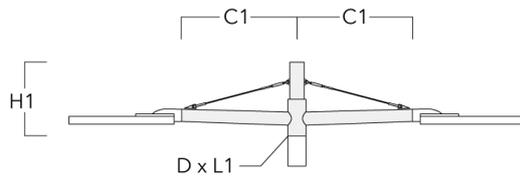


**VFL540-SE LED**

Description	Part ID	C1	D1	D2	D x L1	H1	H2	M1	M2	Weight (kg)
RX1-540 Pole bracket, single	111-0054	1000			76 x 130	550				6.80



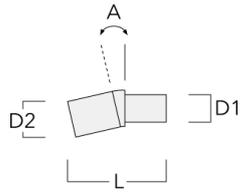
RX2-540 Pole bracket, double	111-0055	1000			76 x 130	550				9.70
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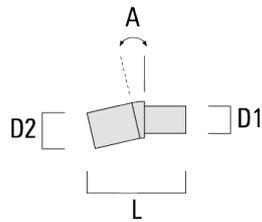
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**Tilt brackets TB**

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



TB-540.60-15 Tilt bracket 15°	111-0637	15°	60 x 90	60 x 100	205	0.70
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**Control**

**R2C Ready to Connect**

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

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