

# VFL520 LED

Pole mounted

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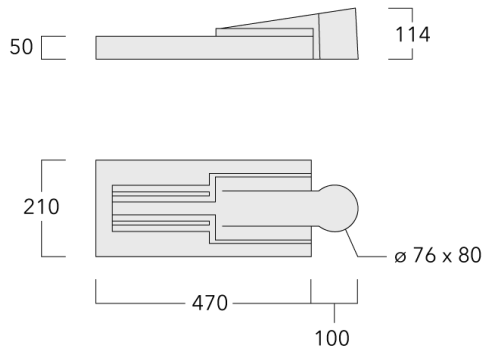
Ringwood Station, Australia

# VFL520 LED

## Pole mounted

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### Description

IP66, Class I or Class II. IK08. Marine-grade die-cast aluminium alloy. 5CE superior corrosion protection + primer including PCS hardware. Silicone CCG® Controlled Compression Gasket. UV stabilised PC lens in RFC® technology. Integrated heat sinks. Easy removal and replacement of LED board. CAD optimised OLC® PMMA lens for superior illumination and glare control. The luminaire is factory-sealed and does not need to be opened during the installation. Optional 2200 K version available. To be specified at time of ordering. Spigot D: 76 x 80 mm (optional 60 x 80 mm).

# VFL520 LED




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## Specifications

### Material Specification

Body:	Marine-grade, die-cast aluminium alloy
Lens:	UV stabilised PC lens in RFC® technology.
Colours:	 RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium
Gasket:	Silicone CCG® Controlled Compression Gasket
Fasteners:	PCS Polymer Coated Stainless Steel Hardware (unpainted)
Ingress protection:	IP66
Impact protection:	IK08
Corrosion protection:	5CE+Primer
Surge protection:	In-pole surge protection SP10 device supplied, dimensions 58x90x18mm (note: dimensions for dimmable versions may vary). Please refer to WE-EF installation instructions for details. Integral surge protection on request.
Mounting:	Spigot D: 76 x 80 mm (optional 60 x 80 mm).
Listings:	Listed on the AEMO load table at 28.6 W (12 LED version)
Windage (EPA):	0.038 m <sup>2</sup>

### Electrical Specification

Power supply:	230V / 50 Hz
Power factor:	> 0.9
Driver / Ballast:	Integral EC electronic converter
Cable:	Pre-wired with 6 m cable in standard. The luminaire is factory-sealed.

### Lifetime

Ta=40° L90B10 > 90000h

### Warranty

The product is supplied with 10-year warranty. Please refer to the LED Warranty Statement located on [www.we-ef.com](http://www.we-ef.com) for further details.

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


## Pole mounted

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## Choices

### Light Distributions

	pedestrian/bicycle lane [P65]
	Streetlighting distribution [S60]
	Streetlighting distribution [S65]
	Streetlighting distribution [S70]
	asymmetric, 'forward throw' [A60]
	rectangular, 'side throw' [R65]





### Nominal Lumen

1512
1614
2951
3024
4440
4680
5400




### Nominal Watt

12
24
36

### Colour Temperatures

	PC Amber
	2700 K
	3000 K
	4000 K

### Colours

	RAL9004 Signal black
	RAL9006 White aluminium
	RAL9007 Grey aluminium

# VFL520 LED

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## Configurations

Light Distributions	Part ID	Light Source	Rated Lumens	Rated Input Power	CRI	Weight	Link
pedestrian/bicycle lane [P65]	<a href="#">108-2315</a>	<a href="#">LED-12/12W / 350 mA - 2700 K</a>	<a href="#">1388.7</a>	<a href="#">16</a>	<a href="#">80</a>	<a href="#">4.70</a>	<a href="#">📄 ↗</a>
	<a href="#">108-1500</a>	<a href="#">LED-12/12W / 350 mA - 3000 K</a>	<a href="#">1482.4</a>	<a href="#">16</a>	<a href="#">80</a>	<a href="#">4.70</a>	<a href="#">📄 ↗</a>
	<a href="#">108-1501</a>	<a href="#">LED-12/12W / 350 mA - 4000 K</a>	<a href="#">1482.4</a>	<a href="#">16</a>	<a href="#">80</a>	<a href="#">4.70</a>	<a href="#">📄 ↗</a>
	108-2316	LED-12/24W / 700 mA - 2700 K	2508.7	28	80	4.70	<a href="#">📄 ↗</a>
	108-1502	LED-12/24W / 700 mA - 3000 K	2647.8	28	80	4.70	<a href="#">📄 ↗</a>
	108-1503	LED-12/24W / 700 mA - 4000 K	2647.8	28	80	4.70	<a href="#">📄 ↗</a>
	108-2343	LED-12/36W / 1050 mA - 2700 K	4035.1	42	80	4.70	<a href="#">📄 ↗</a>
	108-2036	LED-12/36W / 1050 mA - 3000 K	4253.3	42	80	4.70	<a href="#">📄 ↗</a>
	108-2037	LED-12/36W / 1050 mA - 4000 K	4907.6	42	80	4.70	<a href="#">📄 ↗</a>
	<a href="#">108-8500</a>	<a href="#">LED-12/12W / 350 mA - PC Amber</a>	<a href="#">953</a>	<a href="#">16</a>	<a href="#">20</a>	<a href="#">4.70</a>	
Streetlighting distribution [S60]	<a href="#">108-2303</a>	<a href="#">LED-12/12W / 350 mA - 2700 K</a>	<a href="#">1400.2</a>	<a href="#">14</a>	<a href="#">80</a>	<a href="#">4.70</a>	<a href="#">📄 ↗</a>
	<a href="#">108-1480</a>	<a href="#">LED-12/12W / 350 mA - 3000 K</a>	<a href="#">1494.6</a>	<a href="#">14</a>	<a href="#">80</a>	<a href="#">4.70</a>	<a href="#">📄 ↗</a>
	<a href="#">108-1481</a>	<a href="#">LED-12/12W / 350 mA - 4000 K</a>	<a href="#">1494.6</a>	<a href="#">14</a>	<a href="#">80</a>	<a href="#">4.70</a>	<a href="#">📄 ↗</a>
	108-1890	LED-12/24W / 700 mA - 2700 K	2534	28	80	4.70	<a href="#">📄 ↗</a>
	108-1482	LED-12/24W / 700 mA - 3000 K	2674.5	28	80	4.70	<a href="#">📄 ↗</a>
	108-1483	LED-12/24W / 700 mA - 4000 K	2674.5	28	80	4.70	<a href="#">📄 ↗</a>
	108-2338	LED-12/36W / 1050 mA - 2700 K	3958.3	42	80	4.70	<a href="#">📄 ↗</a>
	108-2032	LED-12/36W / 1050 mA - 3000 K	4172.2	42	80	4.70	<a href="#">📄 ↗</a>
	108-2033	LED-12/36W / 1050 mA - 4000 K	4814.1	42	80	4.70	<a href="#">📄 ↗</a>
	Streetlighting distribution [S65]	<a href="#">108-2304</a>	<a href="#">LED-12/12W / 350 mA - 2700 K</a>	<a href="#">1418.4</a>	<a href="#">14</a>	<a href="#">80</a>	<a href="#">4.70</a>
<a href="#">108-1484</a>		<a href="#">LED-12/12W / 350 mA - 3000 K</a>	<a href="#">1514.1</a>	<a href="#">14</a>	<a href="#">80</a>	<a href="#">4.70</a>	<a href="#">📄 ↗</a>
<a href="#">108-1485</a>		<a href="#">LED-12/12W / 350 mA - 4000 K</a>	<a href="#">1514.1</a>	<a href="#">14</a>	<a href="#">80</a>	<a href="#">4.70</a>	<a href="#">📄 ↗</a>
108-2308		LED-12/24W / 700 mA - 2700 K	2723.1	28	80	4.70	<a href="#">📄 ↗</a>
108-1486		LED-12/24W / 700 mA - 3000 K	2723.1	28	80	4.70	<a href="#">📄 ↗</a>
108-1487		LED-12/24W / 700 mA - 4000 K	2723.1	28	80	4.70	<a href="#">📄 ↗</a>
108-2339		LED-12/36W / 1050 mA - 2700 K	4035.7	42	80	4.70	<a href="#">📄 ↗</a>
108-2030		LED-12/36W / 1050 mA - 3000 K	4253.9	42	80	4.70	<a href="#">📄 ↗</a>
108-2031		LED-12/36W / 1050 mA - 4000 K	4908.3	42	80	4.70	<a href="#">📄 ↗</a>
Streetlighting distribution [S70]		<a href="#">108-2309</a>	<a href="#">LED-12/12W / 350 mA - 2700 K</a>	<a href="#">1393.6</a>	<a href="#">14</a>	<a href="#">80</a>	<a href="#">4.70</a>
	<a href="#">108-1488</a>	<a href="#">LED-12/12W / 350 mA - 3000 K</a>	<a href="#">1487.6</a>	<a href="#">14</a>	<a href="#">80</a>	<a href="#">4.70</a>	<a href="#">📄 ↗</a>
	<a href="#">108-1489</a>	<a href="#">LED-12/12W / 350 mA - 4000 K</a>	<a href="#">1487.6</a>	<a href="#">14</a>	<a href="#">80</a>	<a href="#">4.70</a>	<a href="#">📄 ↗</a>
	108-2310	LED-12/24W / 700 mA - 2700 K	2515.6	28	80	4.70	<a href="#">📄 ↗</a>
	108-1490	LED-12/24W / 700 mA - 3000 K	2655.1	28	80	4.70	<a href="#">📄 ↗</a>
	108-1491	LED-12/24W / 700 mA - 4000 K	2655.1	28	80	4.70	<a href="#">📄 ↗</a>
	108-2340	LED-12/36W / 1050 mA - 2700 K	3896.6	42	80	4.70	<a href="#">📄 ↗</a>
	108-2028	LED-12/36W / 1050 mA - 3000 K	4107.2	42	80	4.70	<a href="#">📄 ↗</a>
	108-2029	LED-12/36W / 1050 mA - 4000 K	4739.1	42	80	4.70	<a href="#">📄 ↗</a>
	asymmetric, 'forward throw' [A60]	<a href="#">108-2313</a>	<a href="#">LED-12/12W / 350 mA - 2700 K</a>	<a href="#">1329.1</a>	<a href="#">14</a>	<a href="#">80</a>	<a href="#">4.70</a>
<a href="#">108-1496</a>		<a href="#">LED-12/12W / 350 mA - 3000 K</a>	<a href="#">1418.8</a>	<a href="#">14</a>	<a href="#">80</a>	<a href="#">4.70</a>	<a href="#">📄 ↗</a>
<a href="#">108-1497</a>		<a href="#">LED-12/12W / 350 mA - 4000 K</a>	<a href="#">1418.8</a>	<a href="#">14</a>	<a href="#">80</a>	<a href="#">4.70</a>	<a href="#">📄 ↗</a>
108-2314		LED-12/24W / 700 mA - 2700 K	2369.3	28	80	4.70	<a href="#">📄 ↗</a>
108-1498		LED-12/24W / 700 mA - 3000 K	2500.6	28	80	4.70	<a href="#">📄 ↗</a>
108-1499		LED-12/24W / 700 mA - 4000 K	2500.6	28	80	4.70	<a href="#">📄 ↗</a>



# VFL520 LED

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### Configurations

Light Distributions	Part ID	Light Source	Rated Lumens	Rated Input Power	CRI	Weight	Link
 asymmetric, 'forward throw' [A60]	108-2342	LED-12/36W / 1050 mA - 2700 K	3659.6	42	80	4.70	<a href="#">📄 ↗</a>
	108-2038	LED-12/36W / 1050 mA - 3000 K	3857.4	42	80	4.70	<a href="#">📄 ↗</a>
	108-2039	LED-12/36W / 1050 mA - 4000 K	4450.9	42	80	4.70	<a href="#">📄 ↗</a>
 rectangular, 'side throw' [R65]	<b>108-2311</b>	<b>LED-12/12W / 350 mA - 2700 K</b>	<b>1358.1</b>	<b>14</b>	<b>80</b>	<b>4.70</b>	<a href="#">📄 ↗</a>
	<b>108-1492</b>	<b>LED-12/12W / 350 mA - 3000 K</b>	<b>1449.7</b>	<b>14</b>	<b>80</b>	<b>4.70</b>	<a href="#">📄 ↗</a>
	<b>108-1493</b>	<b>LED-12/12W / 350 mA - 4000 K</b>	<b>1449.7</b>	<b>14</b>	<b>80</b>	<b>4.70</b>	<a href="#">📄 ↗</a>
	108-2312	LED-12/24W / 700 mA - 2700 K	2421.1	28	80	4.70	<a href="#">📄 ↗</a>
	108-1494	LED-12/24W / 700 mA - 3000 K	2555.3	28	80	4.70	<a href="#">📄 ↗</a>
	108-1495	LED-12/24W / 700 mA - 4000 K	2555.3	28	80	4.70	<a href="#">📄 ↗</a>
	108-2341	LED-12/36W / 1050 mA - 2700 K	3743	42	80	4.70	<a href="#">📄 ↗</a>
	108-2034	LED-12/36W / 1050 mA - 3000 K	3945.3	42	80	4.70	<a href="#">📄 ↗</a>
	108-2035	LED-12/36W / 1050 mA - 4000 K	4552.2	42	80	4.70	<a href="#">📄 ↗</a>

### Related Families / VFL500

Family		Dimensions	Wattage	Nominal Lumen	Links	Download Data Sheet
VFL520 LED		470 x 210	12 -36 W	1512 -5400	<a href="#">📄 ↗</a>	<a href="#">📄 ↓</a>
VFL530 LED		470 x 330	12 -72 W	1512 -10800	<a href="#">📄 ↗</a>	<a href="#">📄 ↓</a>
VFL540 LED		590 x 330	24 -126 W	3024 -18900	<a href="#">📄 ↗</a>	<a href="#">📄 ↓</a>

# VFL520 LED

## Pole mounted

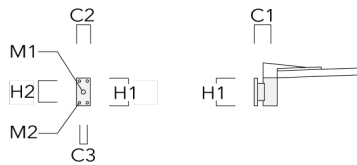
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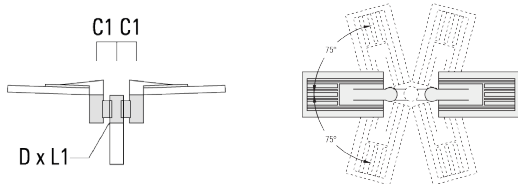
## Mounting Accessories

### Wall and pole brackets RV

	C1	C2	C3	H1	H2	M1	M2	Weight (kg)
■ <b>108-0979</b> RV0 Wall Bracket	108	100	60	200	160	38	12	2.00



	C1	D x L	Weight (kg)
■ <b>108-0981</b> RV2-60 Pole bracket, double	147	60 x 100	4.80



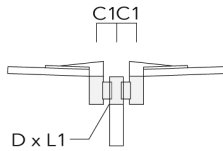
# VFL520 LED

## Pole mounted

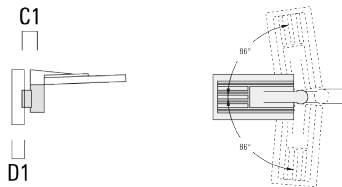
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	<b>C1</b>	<b>D x L</b>	<b>Weight (kg)</b>
■ <b>108-0980</b> RV2-76 Pole bracket, double 147		76 x 100	4.80



	<b>C1</b>	<b>D1</b>	<b>Weight (kg)</b>
■ <b>108-0982</b> RV5 Pole bracket	108	76-240	1.70





# VFL520 LED

## Pole mounted

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The logo for 'we-ef' is displayed in white lowercase letters on a black rectangular background.

## Optical Accessories

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### Light shield

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■ **003-4019** LS180

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■ **003-4018** LS180-[A60]