

### Description

IP66, Class I or Class II. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. CCG® Controlled Compression Gasket. Non-reflective flat safety glass cover, hinged. Integral EC electronic converter. 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. Can be used as post top or side entry version. Specification at time of order is recommended.




Spigot  $\varnothing$  76 x 100 mm. Spigot  $\varnothing$  60 x 100 mm or 42 x 100 mm option available. Must be indicated during order placement.

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

Light distributions [S61] [S66] [R61] [P66] [Q66] [A61] with Backlight Shield as download (ies, ldt), see Additional Information below.

**Specifications****Material description**

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Body	Marine-grade, die-cast aluminium alloy
Lens	Non-reflective safety glass lens
Colours	 RAL9004 Signal black  RAL9006 White aluminium  RAL9007 Grey aluminium
Gasket	CCG® Controlled Compression Gasket
Fasteners	PCS Polymer Coated Stainless Steel Hardware
Ingress protection	IP66
Impact resistance	IK08
Corrosion resistance	5CE+Primer
Windage	0.1956 m <sup>2</sup>

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**Electrical description**

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Power supply	
Driver / Ballast	Integral EC electronic converter. DALI
Termination	
Power factor	> 0.9
Surge protection	6/6kV, optional 10kV

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**Additional information**

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Lifetime	Ta=40° L90B10 > 90000h
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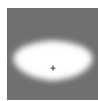
# AFL130 LED

Pole mounted

**we-ef**

## Options

### Light distribution



asymmetric, side-throw [S61]



asymmetric, side-throw [S65]



asymmetric, side throw [S70]



rectangular, side throw [R60]



pedestrian/bicycle lane [P66]



asymmetric, forward throw [A61]



square distribution [Q66]



pedestrian crossing, right-hand traffic [P46R]



pedestrian crossing, left-hand traffic [P46L]



asymmetric, side-throw [S66]



asymmetric, side throw [S71]



rectangular, side throw [R61]

### Colour temperature



2200 K



2700 K



3000 K



4000 K

### Nominal Watt

48 W

72W

96W

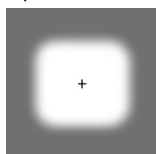
### Configurations

asymmetric, side-throw [S61]		Part ID	Light source	Rated lumens	Rated input power	CRI	Weight	
		102-0154	LED-48/48W / 350 mA - 2200 K	6594.1 lm	53.4 W	70	8.6	
		102-0155	LED-48/48W / 350 mA - 2700 K	6594.1 lm	53.4 W	80	8.6	
		102-0156	LED-48/48W / 350 mA - 3000 K	7048.9 lm	53.4 W	80	8.6	
		102-0157	LED-48/48W / 350 mA - 4000 K	7731.0 lm	53.42 W	80	8.6	
		102-0199	LED-48/72W / 500 mA - 2200 K	8662.4 lm	74.7 W	70	8.6	
		102-0200	LED-48/72W / 500 mA - 2700 K	8662.4 lm	74.7 W	80	8.6	
		102-0201	LED-48/72W / 500 mA - 3000 K	9312.1 lm	74.7 W	80	8.6	
		102-0202	LED-48/72W / 500 mA - 4000 K	9961.8 lm	74.7 W	80	8.6	
		102-0245	LED-48/96W / 700 mA - 2700 K	11694.3 lm	103.9 W	80	8.6	
		102-0246	LED-48/96W / 700 mA - 3000 K	12560.5 lm	103.9 W	80	8.6	
		102-0247	LED-48/96W / 700 mA - 4000 K	13426.8 lm	103.9 W	80	8.6	
		102-0244	LED-48/96W / 700 mA - 2200 K	11694.3 lm	103.9 W	70	8.6	
	asymmetric, side-throw [S65]		Part ID	Light source	Rated lumens	Rated input power	CRI	Weight
			102-0159	LED-48/48W / 350 mA - 2200 K	6361.8 lm	53.4 W	70	8.6
		102-0160	LED-48/48W / 350 mA - 2700 K	6361.8 lm	53.4 W	80	8.6	
		102-0161	LED-48/48W / 350 mA - 3000 K	6800.6 lm	53.4 W	80	8.6	
		102-0162	LED-48/48W / 350 mA - 4000 K	7458.7 lm	53.4 W	80	8.6	
		102-0204	LED-48/72W / 500 mA - 2200 K	8774.9 lm	74.7 W	70	8.6	
		102-0205	LED-48/72W / 500 mA - 2700 K	8774.9 lm	74.7 W	80	8.6	
		102-0206	LED-48/72W / 500 mA - 3000 K	9433.1 lm	74.7 W	80	8.6	
		102-0207	LED-48/72W / 500 mA - 4000 K	10091.2 lm	74.7 W	80	8.6	
		102-0250	LED-48/96W / 700 mA - 2700 K	11846.2 lm	103.9 W	80	8.6	
		102-0251	LED-48/96W / 700 mA - 3000 K	12723.7 lm	103.9 W	80	8.6	
		102-0252	LED-48/96W / 700 mA - 4000 K	13601.2 lm	103.9 W	80	8.6	
		102-0249	LED-48/96W / 700 mA - 2200 K	11846.2 lm	103.9 W	70	8.6	
asymmetric, side throw [S70]		Part ID	Light source	Rated lumens	Rated input power	CRI	Weight	
			102-0164	LED-48/48W / 350 mA - 2200 K	6600.9 lm	53.4 W	70	8.6
		102-0165	LED-48/48W / 350 mA - 2700 K	6600.9 lm	53.4 W	80	8.6	
		102-0166	LED-48/48W / 350 mA - 3000 K	7056.1 lm	53.4 W	80	8.6	
		102-0167	LED-48/48W / 350 mA - 4000 K	7739.0 lm	53.4 W	80	8.6	
		102-0209	LED-48/72W / 500 mA - 2200 K	8671.3 lm	74.7 W	70	8.6	
		102-0210	LED-48/72W / 500 mA - 2700 K	8671.3 lm	74.7 W	80	8.6	
		102-0211	LED-48/72W / 500 mA - 3000 K	9321.7 lm	74.7 W	80	8.6	

	102-0212	LED-48/72W / 500 mA - 4000 K	9972.0 lm	74.7 W	80	8.6
	102-0255	LED-48/96W / 700 mA - 2700 K	11706.3 lm	103.9 W	80	8.6
	102-0256	LED-48/96W / 700 mA - 3000 K	12573.4 lm	103.9 W	80	8.6
	102-0257	LED-48/96W / 700 mA - 4000 K	13440.5 lm	103.9 W	80	8.6
	102-0254	LED-48/96W / 700 mA - 2200 K	11706.3 lm	103.9 W	70	8.6
rectangular, side throw [R60]	<b>Part ID</b>	<b>Light source</b>	<b>Rated lumens</b>	<b>Rated input power</b>	<b>CRI</b>	<b>Weight</b>
	102-0169	LED-48/48W / 350 mA - 2200 K	6081.9 lm	53.4 W	70	8.6
	102-0170	LED-48/48W / 350 mA - 2700 K	6081.9 lm	53.4 W	80	8.6
	102-0171	LED-48/48W / 350 mA - 3000 K	6501.4 lm	53.4 W	80	8.6
	102-0172	LED-48/48W / 350 mA - 4000 K	7130.5 lm	53.4 W	80	8.6
	102-0214	LED-48/72W / 500 mA - 2200 K	8066.3 lm	74.7 W	70	8.6
	102-0215	LED-48/72W / 500 mA - 2700 K	8066.3 lm	74.7 W	80	8.6
	102-0216	LED-48/72W / 500 mA - 3000 K	8671.2 lm	74.7 W	80	8.6
	102-0217	LED-48/72W / 500 mA - 4000 K	9276.2 lm	74.7 W	80	8.6
	102-0260	LED-48/96W / 700 mA - 2700 K	10889.4 lm	103.9 W	80	8.6
	102-0261	LED-48/96W / 700 mA - 3000 K	11696.1 lm	103.9 W	80	8.6
	102-0262	LED-48/96W / 700 mA - 4000 K	12502.7 lm	103.9 W	80	8.6
	102-0259	LED-48/96W / 700 mA - 2200 K	10889.4 lm	103.9 W	70	8.6
pedestrian/bicycle lane [P66]	<b>Part ID</b>	<b>Light source</b>	<b>Rated lumens</b>	<b>Rated input power</b>	<b>CRI</b>	<b>Weight</b>
	102-0174	LED-48/48W / 350 mA - 2200 K	6167.1 lm	53.4 W	70	8.6
	102-0175	LED-48/48W / 350 mA - 2700 K	6167.1 lm	53.4 W	80	8.6
	102-0176	LED-48/48W / 350 mA - 3000 K	6592.4 lm	53.4 W	80	8.6
	102-0177	LED-48/48W / 350 mA - 4000 K	7230.4 lm	53.4 W	80	8.6
	102-0219	LED-48/72W / 500 mA - 2200 K	8101.5 lm	74.7 W	70	8.6
	102-0220	LED-48/72W / 500 mA - 2700 K	8101.5 lm	74.7 W	80	8.6
	102-0221	LED-48/72W / 500 mA - 3000 K	8709.1 lm	74.7 W	80	8.6
	102-0222	LED-48/72W / 500 mA - 4000 K	9316.7 lm	74.7 W	80	8.6
	102-0265	LED-48/96W / 700 mA - 2700 K	10937.0 lm	103.9 W	80	8.6
	102-0266	LED-48/96W / 700 mA - 3000 K	11747.2 lm	103.9 W	80	8.6
	102-0267	LED-48/96W / 700 mA - 4000 K	12557.3 lm	103.9 W	80	8.6
	102-0264	LED-48/96W / 700 mA - 2200 K	10937.0 lm	103.9 W	70	8.6
asymmetric, forward throw [A61]	<b>Part ID</b>	<b>Light source</b>	<b>Rated lumens</b>	<b>Rated input power</b>	<b>CRI</b>	<b>Weight</b>
	102-0179	LED-48/48W / 350 mA - 2200 K	6099.6 lm	53.4 W	70	8.6
	102-0180	LED-48/48W / 350 mA - 2700 K	6099.6 lm	53.4 W	80	8.6
	102-0181	LED-48/48W / 350 mA - 3000 K	6520.3 lm	53.4 W	80	8.6

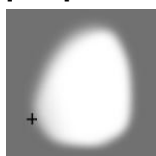
102-0182	LED-48/48W / 350 mA - 4000 K	7151.3 lm	53.4 W	80	8.6
102-0224	LED-48/72W / 500 mA - 2200 K	8012.9 lm	74.7 W	70	8.6
102-0225	LED-48/72W / 500 mA - 2700 K	8012.9 lm	74.7 W	80	8.6
102-0226	LED-48/72W / 500 mA - 3000 K	8613.8 lm	74.7 W	80	8.6
102-0227	LED-48/72W / 500 mA - 4000 K	9214.8 lm	74.7 W	80	8.6
102-0270	LED-48/96W / 700 mA - 2700 K	10817.4 lm	103.9 W	80	8.6
102-0271	LED-48/96W / 700 mA - 3000 K	11618.7 lm	103.9 W	80	8.6
102-0272	LED-48/96W / 700 mA - 4000 K	12420.0 lm	103.9 W	80	8.6
102-0269	LED-48/96W / 700 mA - 2200 K	10817.4 lm	103.9 W	70	8.6

square distribution [Q66]

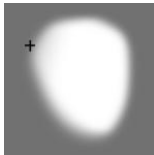
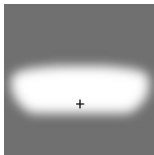
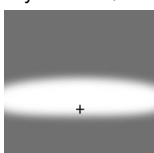


Part ID	Light source	Rated lumens	Rated input power	CRI	Weight
102-0184	LED-48/48W / 350 mA - 2200 K	6198.8 lm	53.4 W	70	8.6
102-0185	LED-48/48W / 350 mA - 2700 K	6198.8 lm	53.4 W	80	8.6
102-0186	LED-48/48W / 350 mA - 3000 K	6626.3 lm	53.9 W	80	8.6
102-0187	LED-48/48W / 350 mA - 4000 K	7267.6 lm	53.4 W	80	8.6
102-0229	LED-48/72W / 500 mA - 2200 K	8143.2 lm	74.7 W	70	8.6
102-0230	LED-48/72W / 500 mA - 2700 K	8143.2 lm	74.7 W	80	8.6
102-0231	LED-48/72W / 500 mA - 3000 K	8753.9 lm	74.7 W	80	8.6
102-0232	LED-48/72W / 500 mA - 4000 K	9364.7 lm	74.77 W	80	8.6
102-0275	LED-48/96W / 700 mA - 2700 K	10993.3 lm	103.9 W	80	8.6
102-0276	LED-48/96W / 700 mA - 3000 K	11807.6 lm	103.9 W	80	8.6
102-0277	LED-48/96W / 700 mA - 4000 K	12621.9 lm	103.9 W	80	8.6
102-0274	LED-48/96W / 700 mA - 2200 K	10993.3 lm	103.9 W	70	8.6

pedestrian crossing, right-hand traffic [P46R]



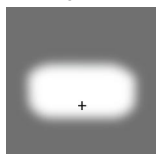
Part ID	Light source	Rated lumens	Rated input power	CRI	Weight
102-0189	LED-48/48W / 350 mA - 2200 K	6640.5 lm	53.4 W	70	8.6
102-0190	LED-48/48W / 350 mA - 2700 K	6640.5 lm	53.4 W	80	8.6
102-0191	LED-48/48W / 350 mA - 3000 K	7098.4 lm	53.4 W	80	8.6
102-0192	LED-48/48W / 350 mA - 4000 K	7785.4 lm	53.4 W	80	8.6
102-0234	LED-48/72W / 500 mA - 2200 K	8723.3 lm	74.7 W	70	8.6
102-0235	LED-48/72W / 500 mA - 2700 K	8723.3 lm	74.7 W	80	8.6
102-0236	LED-48/72W / 500 mA - 3000 K	9377.6 lm	74.7 W	80	8.6
102-0237	LED-48/72W / 500 mA - 4000 K	10031.8 lm	74.7 W	80	8.6
102-0280	LED-48/96W / 700 mA - 2700 K	11776.5 lm	103.9 W	80	8.6
102-0281	LED-48/96W / 700 mA - 3000 K	12648.8 lm	103.9 W	80	8.6
102-0282	LED-48/96W / 700 mA - 4000 K	13521.1 lm	103.9 W	80	8.6
102-0279	LED-48/96W / 700 mA - 2200 K	11776.5 lm	103.9 W	70	8.6

pedestrian crossing, left-hand traffic [P46L]	Part ID	Light source	Rated lumens	Rated input power	CRI	Weight
	102-0194	LED-48/48W / 350 mA - 2200 K	6704.2 lm	53.4 W	70	8.6
	102-0195	LED-48/48W / 350 mA - 2700 K	6704.2 lm	53.4 W	80	8.6
	102-0196	LED-48/48W / 350 mA - 3000 K	7166.5 lm	53.4 W	80	8.6
	102-0197	LED-48/48W / 350 mA - 4000 K	7860.0 lm	53.4 W	80	8.6
	102-0239	LED-48/72W / 500 mA - 2200 K	8807.0 lm	74.7 W	70	8.6
	102-0240	LED-48/72W / 500 mA - 2700 K	8807.0 lm	74.7 W	80	8.6
	102-0241	LED-48/72W / 500 mA - 3000 K	9467.5 lm	74.7 W	80	8.6
	102-0242	LED-48/72W / 500 mA - 4000 K	10128.1 lm	74.7 W	80	8.6
	102-0285	LED-48/96W / 700 mA - 2700 K	11889.5 lm	103.9 W	80	8.6
	102-0286	LED-48/96W / 700 mA - 3000 K	12770.2 lm	103.9 W	80	8.6
	102-0287	LED-48/96W / 700 mA - 4000 K	13650.9 lm	103.9 W	80	8.6
	102-0284	LED-48/96W / 700 mA - 2200 K	11889.5 lm	103.9 W	70	8.6
	asymmetric, side-throw [S66]	Part ID	Light source	Rated lumens	Rated input power	CRI
	102-0350	LED-48/48W / 350 mA - 2200 K	6528.5 lm	53.4 W	70	8.6
	102-0351	LED-48/48W / 350 mA - 2700 K	6528.5 lm	53.4 W	80	8.6
	102-0352	LED-48/48W / 350 mA - 3000 K	6978.7 lm	53.4 W	80	8.6
	102-0353	LED-48/48W / 350 mA - 4000 K	7654.1 lm	53.4 W	80	8.6
	102-0362	LED-48/72W / 500 mA - 2200 K	8576.2 lm	74.7 W	70	8.6
	102-0363	LED-48/72W / 500 mA - 2700 K	8576.2 lm	74.7 W	80	8.6
	102-0364	LED-48/72W / 500 mA - 3000 K	9219.4 lm	74.7 W	80	8.6
	102-0365	LED-48/72W / 500 mA - 4000 K	9862.7 lm	74.7 W	80	8.6
	102-0374	LED-48/96W / 700 mA - 2200 K	11577.9 lm	103.9 W	70	8.6
	102-0375	LED-48/96W / 700 mA - 2700 K	11577.9 lm	103.9 W	80	8.6
	102-0376	LED-48/96W / 700 mA - 3000 K	12435.5 lm	103.9 W	80	8.6
	102-0377	LED-48/96W / 700 mA - 4000 K	13293.2 lm	103.9 W	80	8.6
	asymmetric, side throw [S71]	Part ID	Light source	Rated lumens	Rated input power	CRI
	102-0354	LED-48/48W / 350 mA - 2200 K	6025.3 lm	53.4 W	70	8.6
	102-0355	LED-48/48W / 350 mA - 2700 K	6025.3 lm	53.4 W	80	8.6
	102-0356	LED-48/48W / 350 mA - 3000 K	6440.8 lm	53.4 W	80	8.6
	102-0357	LED-48/48W / 350 mA - 4000 K	7064.1 lm	53.4 W	80	8.6
	102-0366	LED-48/72W / 500 mA - 2200 K	7915.2 lm	74.7 W	70	8.6
	102-0367	LED-48/72W / 500 mA - 2700 K	7915.2 lm	74.7 W	80	8.6
	102-0368	LED-48/72W / 500 mA - 3000 K	8508.9 lm	74.7 W	80	8.6
	102-0369	LED-48/72W / 500 mA - 4000 K	9102.5 lm	74.7 W	80	8.6

# AFL130 LED

## Pole mounted

rectangular, side throw [R61]



102-0378	LED-48/96W / 700 mA - 2200 K	10685.5 lm	103.9 W	70	8.6
102-0379	LED-48/96W / 700 mA - 2700 K	10685.5 lm	103.9 W	80	8.6
102-0380	LED-48/96W / 700 mA - 3000 K	11477.1 lm	103.9 W	80	8.6
102-0381	LED-48/96W / 700 mA - 4000 K	12268.6 lm	103.9 W	80	8.6
Part ID	Light source	Rated lumens	Rated input power	CRI	Weight
102-0358	LED-48/48W / 350 mA - 2200 K	6039.9 lm	53.4 W	70	8.6
102-0359	LED-48/48W / 350 mA - 2700 K	6039.9 lm	53.4 W	80	8.6
102-0360	LED-48/48W / 350 mA - 3000 K	6456.5 lm	53.4 W	80	8.6
102-0361	LED-48/48W / 350 mA - 4000 K	7081.3 lm	53.4 W	80	8.6
102-0372	LED-48/72W / 500 mA - 3000 K	8529.5 lm	74.7 W	80	8.6
102-0370	LED-48/72W / 500 mA - 2200 K	7934.4 lm	74.7 W	70	8.6
102-0371	LED-48/72W / 500 mA - 2700 K	7934.4 lm	74.7 W	80	8.6
102-0373	LED-48/72W / 500 mA - 4000 K	9124.5 lm	74.7 W	80	8.6
102-0382	LED-48/96W / 700 mA - 2200 K	10711.4 lm	103.9 W	70	8.6
102-0383	LED-48/96W / 700 mA - 2700 K	10711.4 lm	103.9 W	80	8.6
102-0385	LED-48/96W / 700 mA - 4000 K	12298.3 lm	103.9 W	80	8.6
102-0384	LED-48/96W / 700 mA - 3000 K	11504.9 lm	103.9 W	80	8.6



# AFL130 LED

Pole mounted

**we-ef**

## Control

### Eco Step Dim® Advanced

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

### 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

**WE-EF LIGHTING Pty Ltd**

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info.australia@we-ef.com - <https://we-ef.com/aus>

Subject to technical changes and errors. - Generated on 19/02/2024

### Mounting Accessories

#### Bird deterrent

Description	Part ID
Bird deterrent BD	430-0015

#### Adaptor

Description	Part ID
Adaptor AFL100	102-0392

#### Wall and pole brackets RE

Description	Part ID	C1	D1	D2	Dx1	H1	M1	Weight
RE2-540 Pole bracket, double	111-0043	200			76 x 130	550		5.30
RE0-540 Wall bracket	111-0084	180	230	195			12	3.20
RE1-540 Pole bracket, single	111-0042	200			76 x 130	500		4.60

#### Pole brackets RF

Description	Part ID	C1	Dx1	H1	Weight
RF2-540 Pole bracket, double	111-0047	200	76 x 80	200	3.30
RF1-540 Pole bracket, single	111-0046	200	76 x 80	200	2.60

#### Wall and pole brackets RX

Description	Part ID	C1	D1	D2	Dx1	H1	H2	M1	M2	Weight
RX1-540 Pole bracket, single	111-0054	1000			76 x 130	550				6.8
RX2-540 Pole bracket, double	111-0055	1000			76 x 130	550				9.70
RX0-540 Wall bracket	111-0086	1000	140	100		450	385	30	12	5.20

# AFL130 LED

Pole mounted

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## Optical Accessories

### Backlight shield

Description	Part ID	Text
LS180	430-0029	Glare Shield for backlight spill. Suitable for [S61] [S66] [R61] [P66] [Q66] [A61] lenses. Glare Shield factory-installed or available as retrofit kit. Must be specified at time of ordering.

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Subject to technical changes and errors. - Generated on 19/02/2024