

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 acrylic panel in RFC® technology. Integrated heat sinks. Easy removal and replacement of LED board. CAD optimised OLC® PMMA lens for superior illumination and glare control. DALI. The luminaire is factory-sealed and does not need to be opened during the installation.

PC Amber and 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.

Max drive current:

PC Amber - 700 mA

2200 K - 1050 mA (CRI70 only)

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

A professional lighting design in consultation with the relevant sections of AS/NZS-1158.4:2015 is essential for all applications with the [P45] lens.

Specifications

Material description

Body	Marine-grade, die-cast aluminium alloy		
Lens	UV stabilised acrylic panel in RFC™ Reflection Free Contour technology		
Colours	RAL9004	RAL9006	RAL9007
	Signal black	White aluminium	Grey aluminium
Gasket	Silicone CCG® Controlled Compression Gasket		
Fasteners	PCS Polymer Coated Stainless Steel Hardware (unpainted)		
Ingress protection	IP66		
Impact resistance	IK08		
Corrosion resistance	5CE+Primer		

Electrical description

Power supply	230V / 50 Hz
Driver / Ballast	Integral EC electronic converter. DALI
Surge protection	In-pole surge protection SP10 device supplied. Please refer to WE-EF installation instructions for details. Use suffix +A for Integral surge protection.
Energy efficiency	The product is supplied with 10-year warranty. Please refer to the LED Warranty Statement located on www.we-ef.com for further details.

Additional information


Listings	Listed on the AEMO load table at 28.6 W (12 LED version), at 55.5 W (24 LED version), at 81.2 W (36 LED version) and at 172.2 W (48 LED version)
Lifetime	Ta=40° L90B10 > 90000h

Options

Light distribution

Colour temperature

Nominal Watt


 [S60] asymmetric, side throw



3000K

72 W

96 W

 [S70] asymmetric, side throw



4000K

36 W

48 W


 [A60] asymmetric, forward throw



2700K

108 W

144 W

 [S65] asymmetric, side throw



 [R65]



 [P45L]



 [P45R]


 [P65] pedestrian/bicycle lane

Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[A60] asymmetric, forward throw</p>	108-2446	LED-36/36W/2700K	4366.4 lm	36 W	80
	108-1271	LED-36/36W/3000K	4667.5 lm	36 W	80
	108-1272	LED-36/36W/4000K	5119.2 lm	36 W	80
	108-2447	LED-36/72W/2700K	7743.5 lm	72 W	80
	108-1251	LED-36/72W/3000K	8317.1 lm	72 W	80
	108-1252	LED-36/72W/4000K	8890.7 lm	72 W	80
	108-2448	LED-36/108W/2700K	12742.1 lm	108 W	80
	108-2068	LED-36/108W/3000K	13363.6 lm	108 W	80
	108-2069	LED-36/108W/4000K	13985.2 lm	108 W	80
	108-2449	LED-48/48W/2700K	5821.8 lm	48 W	80
	108-1281	LED-48/48W/3000K	6223.3 lm	48 W	80
	108-1282	LED-48/48W/4000K	6825.6 lm	48 W	80
	108-2450	LED-48/96W/2700K	10324.7 lm	96 W	80
	108-1261	LED-48/96W/3000K	11089.5 lm	96 W	80
	108-1262	LED-48/96W/4000K	11854.2 lm	96 W	80
	108-2451	LED-48/144W/2700K	16989.4 lm	144 W	80
108-2078	LED-48/144W/3000K	17818.2 lm	144 W	80	
108-2079	LED-48/144W/4000K	18646.9 lm	144 W	80	
 <p>[P45L]</p>	108-2530	LED-36/72W/2700K	8742.3 lm	72 W	80
	108-1991	LED-36/72W/3000K	9389.9 lm	72 W	80
	108-1992	LED-36/72W/4000K	10037.5 lm	72 W	80
	108-2877	LED-36/108W/2700K	13275.4 lm	108 W	80
	108-5170	LED-36/108W/3000K	13923 lm	108 W	80
	108-5171	LED-36/108W/4000K	14570.6 lm	108 W	80
	108-2531	LED-48/96W/2700K	11656.4 lm	96 W	80
	108-1995	LED-48/96W/3000K	12519.9 lm	96 W	80
	108-1996	LED-48/96W/4000K	13383.3 lm	96 W	80
	108-2881	LED-48/144W/2700K	17700.5 lm	144 W	80
	108-5174	LED-48/144W/3000K	18564 lm	144 W	80
	108-5926	LED-48/144W/4000K	19427.4 lm	144 W	80
	108-2452	LED-36/72W/2700K	8742.3 lm	72 W	80
	108-1993	LED-36/72W/3000K	9389.9 lm	72 W	80
108-1994	LED-36/72W/4000K	10037.5 lm	72 W	80	
108-2878	LED-36/108W/2700K	13275.4 lm	108 W	80	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
[P45R]	108-5172	LED-36/108W/3000K	13923 lm	108 W	80
	108-5173	LED-36/108W/4000K	14570.6 lm	108 W	80
	108-2453	LED-48/96W/2700K	11656.4 lm	96 W	80
	108-1997	LED-48/96W/3000K	12519.9 lm	96 W	80
	108-1998	LED-48/96W/4000K	13383.3 lm	96 W	80
	108-2882	LED-48/144W/2700K	17700.5 lm	144 W	80
	108-5175	LED-48/144W/3000K	18564 lm	144 W	80
	108-5546	LED-48/144W/4000K	19427.4 lm	144 W	80
 [P65] pedestrian/bicycle lane	108-2128	LED-36/108W/3000K	14412.4 lm	108 W	80
	108-2128-70	LED-36/108W/3000K	16423.5 lm	108 W	70
	108-2129	LED-36/108W/4000K	15082.8 lm	108 W	80
	108-2129-70	LED-36/108W/4000K	17093.8 lm	108 W	70
	108-2130	LED-48/144W/3000K	19216.6 lm	144 W	80
	108-2130-70	LED-48/144W/3000K	21898 lm	144 W	70
	108-2131	LED-48/144W/4000K	20110.4 lm	144 W	80
	108-2131-70	LED-48/144W/4000K	22791.8 lm	144 W	70
 [R65]	108-2440	LED-36/36W/2700K	4724.7 lm	36 W	80
	108-1275	LED-36/36W/3000K	5050.6 lm	36 W	80
	108-1276	LED-36/36W/4000K	5539.3 lm	36 W	80
	108-2441	LED-36/72W/2700K	8291.9 lm	72 W	80
	108-1255	LED-36/72W/3000K	8906.1 lm	72 W	80
	108-1256	LED-36/72W/4000K	9520.3 lm	72 W	80
	108-2442	LED-36/108W/2700K	13415.6 lm	108 W	80
	108-2070	LED-36/108W/3000K	14070 lm	108 W	80
	108-2071	LED-36/108W/4000K	14724.4 lm	108 W	80
	108-2443	LED-48/48W/2700K	6299.6 lm	48 W	80
	108-1285	LED-48/48W/3000K	6734.1 lm	48 W	80
	108-1286	LED-48/48W/4000K	7385.8 lm	48 W	80
	108-2444	LED-48/96W/2700K	11055.8 lm	96 W	80
	108-1265	LED-48/96W/3000K	11874.8 lm	96 W	80
	108-1266	LED-48/96W/4000K	12693.7 lm	96 W	80
	108-2445	LED-48/144W/2700K	17887.4 lm	144 W	80
	108-2080	LED-48/144W/3000K	18760 lm	144 W	80
108-2081	LED-48/144W/4000K	19632.5 lm	144 W	80	
108-2422	LED-36/36W/2700K	4841.6 lm	36 W	80	
108-1267	LED-36/36W/3000K	5175.6 lm	36 W	80	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	
 [S60] asymmetric, side throw	108-1268	LED-36/36W/4000K	5676.4 lm	36 W	80	
	108-2423	LED-36/72W/2700K	8652.8 lm	72 W	80	
	108-1247	LED-36/72W/3000K	9293.7 lm	72 W	80	
	108-1247-70	LED-36/72W/3000K	10575.6 lm	72 W	70	
	108-1248	LED-36/72W/4000K	9934.7 lm	72 W	80	
	108-2424	LED-36/108W/2700K	13866.5 lm	108 W	80	
	108-2072	LED-36/108W/3000K	14542.9 lm	108 W	80	
	108-2073	LED-36/108W/4000K	15219.4 lm	108 W	80	
	108-2425	LED-48/48W/2700K	6455.5 lm	48 W	80	
	108-1277	LED-48/48W/3000K	6900.7 lm	48 W	80	
	108-1278	LED-48/48W/4000K	7568.6 lm	48 W	80	
	108-2426	LED-48/96W/2700K	11537 lm	96 W	80	
	108-1257	LED-48/96W/3000K	12391.6 lm	96 W	80	
	108-1258	LED-48/96W/4000K	13246.2 lm	96 W	80	
	108-2427	LED-48/144W/2700K	18488.7 lm	144 W	80	
	108-2082	LED-48/144W/3000K	19390.6 lm	144 W	80	
	108-2083	LED-48/144W/4000K	20292.5 lm	144 W	80	
	 [S65] asymmetric, side throw	108-2428	LED-36/36W/2700K	4904.3 lm	36 W	80
		108-1273	LED-36/36W/3000K	5242.6 lm	36 W	80
		108-1274	LED-36/36W/4000K	5749.9 lm	36 W	80
108-2429		LED-36/72W/2700K	8782.7 lm	72 W	80	
108-1253		LED-36/72W/3000K	9433.3 lm	72 W	80	
108-1254		LED-36/72W/4000K	10083.9 lm	72 W	80	
108-2430		LED-36/108W/2700K	14023.5 lm	108 W	80	
108-2074		LED-36/108W/3000K	14707.6 lm	108 W	80	
108-2075		LED-36/108W/4000K	15391.6 lm	108 W	80	
108-2431		LED-48/48W/2700K	6539.1 lm	48 W	80	
108-1283		LED-48/48W/3000K	6990.1 lm	48 W	80	
108-1284		LED-48/48W/4000K	7666.6 lm	48 W	80	
108-2432		LED-48/96W/2700K	11710.3 lm	96 W	80	
108-1263		LED-48/96W/3000K	12577.7 lm	96 W	80	
108-1264		LED-48/96W/4000K	13445.2 lm	96 W	80	
108-2433		LED-48/144W/2700K	18698 lm	144 W	80	
108-2084		LED-48/144W/3000K	19610.1 lm	144 W	80	
108-2085		LED-48/144W/4000K	20522.2 lm	144 W	80	
108-2434		LED-36/36W/2700K	4830.2 lm	36 W	80	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[S70] asymmetric, side throw</p>	108-1269	LED-36/36W/3000K	5163.3 lm	36 W	80
	108-1270	LED-36/36W/4000K	5663 lm	36 W	80
	108-2435	LED-36/72W/2700K	8627.8 lm	72 W	80
	108-1249	LED-36/72W/3000K	9266.9 lm	72 W	80
	108-1250	LED-36/72W/4000K	9906 lm	72 W	80
	108-2436	LED-36/108W/2700K	13884.5 lm	108 W	80
	108-2076	LED-36/108W/3000K	14561.8 lm	108 W	80
	108-2077	LED-36/108W/4000K	15239.1 lm	108 W	80
	108-2437	LED-48/48W/2700K	6440.3 lm	48 W	80
	108-1279	LED-48/48W/3000K	6884.4 lm	48 W	80
	108-1280	LED-48/48W/4000K	7550.6 lm	48 W	80
	108-2438	LED-48/96W/2700K	11503.7 lm	96 W	80
	108-1259	LED-48/96W/3000K	12355.9 lm	96 W	80
	108-1260	LED-48/96W/4000K	13208 lm	96 W	80
	108-2439	LED-48/144W/2700K	18512.7 lm	144 W	80
	108-2086	LED-48/144W/3000K	19415.7 lm	144 W	80
	108-2087	LED-48/144W/4000K	20318.8 lm	144 W	80