

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 Ø 76 x 100 mm. Spigot Ø 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.

Photometric files (IES, LDT) for light distributions [S61] [S65] [S66] [S70] [R60] [R61] [P66] [Q66] [A61] with Backlight Shield on request.

Specifications

Material description

Colours	RAL9004 Signal black	RAL9006 White aluminium	RAL9007 Grey aluminium
Ingress protection	IP66		
Impact resistance	IK08		
Corrosion resistance	5CE+Primer		

Electrical description


Power supply	220-240V / 50-60 Hz
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	C-D (Light source)


Additional information


Listings	Listed on the AEMO load table at 53.4 W (350 mA version), at 74.7 W (500 mA version) and 103.9 W (700 mA version)
Lifetime	Ta=40° L90B10 > 90000h

Options

Light distribution


 [S60] asymmetric, side throw


 [S65] asymmetric, side throw

 [S70] asymmetric, side throw

 [R60] rectangular, side throw


 [P65] pedestrian/bicycle lane


 [A60] asymmetric, forward throw

 [Q66] square

 [P45R]

 [P45L]

 [S66] asymmetric, side throw

 [S71] asymmetric, side throw

Colour temperature

 2200K

 2700K

 3000K

 4000K

Nominal Watt



48 W

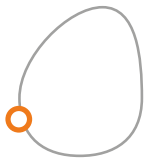


72 W



96 W



144 W



Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[A60] asymmetric, forward throw</p>	102-0179	LED-48/48W/2200K	6305 lm	48 W	70
	102-0180	LED-48/48W/2700K	6305 lm	48 W	80
	102-0181	LED-48/48W/3000K	6739.9 lm	48 W	80
	102-0182	LED-48/48W/4000K	7392.1 lm	48 W	80
	102-0224	LED-48/72W/2200K	7786.4 lm	72 W	70
	102-0225	LED-48/72W/2700K	8089.8 lm	72 W	80
	102-0226	LED-48/72W/3000K	8696.5 lm	72 W	80
	102-0227	LED-48/72W/4000K	9303.3 lm	72 W	80
	102-0269	LED-48/96W/2200K	10921.2 lm	96 W	70
	102-0270	LED-48/96W/2700K	10921.2 lm	96 W	80
	102-0271	LED-48/96W/3000K	11730.2 lm	96 W	80
	102-0272	LED-48/96W/4000K	12539.2 lm	96 W	80
	102-0928	LED-48/144W/2200K	14789.3 lm	144 W	70
	102-0929	LED-48/144W/2700K	14789.3 lm	144 W	80
	102-0930	LED-48/144W/3000K	15972.4 lm	144 W	80
	102-0931	LED-48/144W/4000K	16958.4 lm	144 W	80
 <p>[P45L]</p>	102-0194	LED-48/48W/2200K	6265.7 lm	48 W	70
	102-0195	LED-48/48W/2700K	6265.7 lm	48 W	80
	102-0196	LED-48/48W/3000K	6697.8 lm	48 W	80
	102-0197	LED-48/48W/4000K	7346 lm	48 W	80
	102-0239	LED-48/72W/2200K	8318.3 lm	72 W	70
	102-0240	LED-48/72W/2700K	8642.4 lm	72 W	80
	102-0241	LED-48/72W/3000K	9290.5 lm	72 W	80
	102-0242	LED-48/72W/4000K	9938.7 lm	72 W	80
	102-0284	LED-48/96W/2200K	11667.2 lm	96 W	70
	102-0285	LED-48/96W/2700K	11667.2 lm	96 W	80
	102-0286	LED-48/96W/3000K	12531.4 lm	96 W	80
	102-0287	LED-48/96W/4000K	13395.7 lm	96 W	80
	102-0940	LED-48/144W/2200K	16204.4 lm	144 W	70
	102-0941	LED-48/144W/2700K	16204.4 lm	144 W	80
	102-0942	LED-48/144W/3000K	17500.8 lm	144 W	80
	102-0943	LED-48/144W/4000K	18581.1 lm	144 W	80
	102-0189	LED-48/48W/2200K	6265.7 lm	48 W	70
	102-0190	LED-48/48W/2700K	6265.7 lm	48 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 [P45R]	102-0191	LED-48/48W/3000K	6697.8 lm	48 W	80
	102-0192	LED-48/48W/4000K	7346 lm	48 W	80
	102-0234	LED-48/72W/2200K	8318.3 lm	72 W	70
	102-0235	LED-48/72W/2700K	8642.4 lm	72 W	80
	102-0236	LED-48/72W/3000K	9290.5 lm	72 W	80
	102-0237	LED-48/72W/4000K	9938.7 lm	72 W	80
	102-0279	LED-48/96W/2200K	11667.2 lm	96 W	70
	102-0280	LED-48/96W/2700K	11667.2 lm	96 W	80
	102-0281	LED-48/96W/3000K	12531.4 lm	96 W	80
	102-0282	LED-48/96W/4000K	13395.7 lm	96 W	80
	102-0936	LED-48/144W/2200K	16204.4 lm	144 W	70
	102-0937	LED-48/144W/2700K	16204.4 lm	144 W	80
	102-0938	LED-48/144W/3000K	17500.8 lm	144 W	80
	102-0939	LED-48/144W/4000K	18581.1 lm	144 W	80
 [P65] pedestrian/bicycle lane	102-0174	LED-48/48W/2200K	6131.7 lm	48 W	70
	102-0175	LED-48/48W/2700K	6131.7 lm	48 W	80
	102-0176	LED-48/48W/3000K	6554.6 lm	48 W	80
	102-0177	LED-48/48W/4000K	7188.9 lm	48 W	80
	102-0219	LED-48/72W/2200K	7572.5 lm	72 W	70
	102-0220	LED-48/72W/2700K	7867.5 lm	72 W	80
	102-0221	LED-48/72W/3000K	8457.6 lm	72 W	80
	102-0222	LED-48/72W/4000K	9047.6 lm	72 W	80
	102-0264	LED-48/96W/2200K	10621.1 lm	96 W	70
	102-0265	LED-48/96W/2700K	10621.1 lm	96 W	80
	102-0266	LED-48/96W/3000K	11407.9 lm	96 W	80
	102-0267	LED-48/96W/4000K	12194.6 lm	96 W	80
	102-0924	LED-48/144W/2200K	14383.1 lm	144 W	70
	102-0925	LED-48/144W/2700K	14383.1 lm	144 W	80
	102-0926	LED-48/144W/3000K	15533.7 lm	144 W	80
	102-0927	LED-48/144W/4000K	16492.6 lm	144 W	80
	 [Q66] square	102-0184	LED-48/48W/2200K	6198.8 lm	48 W
102-0185		LED-48/48W/2700K	6198.8 lm	48 W	80
102-0186		LED-48/48W/3000K	6626.3 lm	48 W	80
102-0187		LED-48/48W/4000K	7267.6 lm	48 W	80
102-0229		LED-48/72W/2200K	8252.2 lm	72 W	70
102-0230		LED-48/72W/2700K	8573.7 lm	72 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 [R60] rectangular, side throw	102-0231	LED-48/72W/3000K	9216.7 lm	72 W	80
	102-0232	LED-48/72W/4000K	9859.8 lm	72 W	80
	102-0274	LED-48/96W/2200K	11574.5 lm	96 W	70
	102-0275	LED-48/96W/2700K	11574.5 lm	96 W	80
	102-0276	LED-48/96W/3000K	12431.9 lm	96 W	80
	102-0277	LED-48/96W/4000K	13289.2 lm	96 W	80
	102-0932	LED-48/144W/2200K	14657.9 lm	144 W	70
	102-0933	LED-48/144W/2700K	14657.9 lm	144 W	80
	102-0934	LED-48/144W/3000K	15830.6 lm	144 W	80
	102-0935	LED-48/144W/4000K	16807.8 lm	144 W	80
	102-0169	LED-48/48W/2200K	6081.9 lm	48 W	70
	102-0170	LED-48/48W/2700K	6081.9 lm	48 W	80
	102-0171	LED-48/48W/3000K	6501.4 lm	48 W	80
	102-0172	LED-48/48W/4000K	7130.5 lm	48 W	80
	 [S60] asymmetric, side throw	102-0214	LED-48/72W/2200K	8423.3 lm	72 W
102-0215		LED-48/72W/2700K	8751.4 lm	72 W	80
102-0216		LED-48/72W/3000K	9407.8 lm	72 W	80
102-0217		LED-48/72W/4000K	10064.2 lm	72 W	80
102-0259		LED-48/96W/2200K	11814.4 lm	96 W	70
102-0260		LED-48/96W/2700K	11814.4 lm	96 W	80
102-0261		LED-48/96W/3000K	12689.6 lm	96 W	80
102-0262		LED-48/96W/4000K	13564.7 lm	96 W	80
102-0920		LED-48/144W/2200K	14519.4 lm	144 W	70
102-0921		LED-48/144W/2700K	14519.4 lm	144 W	80
102-0922		LED-48/144W/3000K	15680.9 lm	144 W	80
102-0923		LED-48/144W/4000K	16648.9 lm	144 W	80
102-0154		LED-48/48W/2200K	6477.9 lm	48 W	70
102-0155		LED-48/48W/2700K	6477.9 lm	48 W	80
102-0156		LED-48/48W/3000K	6924.7 lm	48 W	80
102-0157	LED-48/48W/4000K	7594.8 lm	48 W	80	
102-0199	LED-48/72W/2200K	8373.5 lm	72 W	70	
102-0200	LED-48/72W/2700K	8699.8 lm	72 W	80	
102-0201	LED-48/72W/3000K	9352.3 lm	72 W	80	
102-0202	LED-48/72W/4000K	10004.8 lm	72 W	80	
102-0244	LED-48/96W/2200K	11744.7 lm	96 W	70	
102-0245	LED-48/96W/2700K	11744.7 lm	96 W	80	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	
	102-0246	LED-48/96W/3000K	12614.7 lm	96 W	80	
	102-0247	LED-48/96W/4000K	13484.7 lm	96 W	80	
	102-0908	LED-48/144W/2200K	15659.8 lm	144 W	70	
	102-0909	LED-48/144W/2700K	15659.8 lm	144 W	80	
	102-0910	LED-48/144W/3000K	16912.6 lm	144 W	80	
	102-0911	LED-48/144W/4000K	17956.6 lm	144 W	80	
 <p>[S65] asymmetric, side throw</p>	102-0159	LED-48/48W/2200K	6361.8 lm	48 W	70	
	102-0160	LED-48/48W/2700K	6361.8 lm	48 W	80	
	102-0161	LED-48/48W/3000K	6800.6 lm	48 W	80	
	102-0162	LED-48/48W/4000K	7458.7 lm	48 W	80	
	102-0204	LED-48/72W/2200K	8445.9 lm	72 W	70	
	102-0205	LED-48/72W/2700K	8774.9 lm	72 W	80	
	102-0206	LED-48/72W/3000K	9433.1 lm	72 W	80	
	102-0207	LED-48/72W/4000K	10091.2 lm	72 W	80	
	102-0249	LED-48/96W/2200K	11846.2 lm	96 W	70	
	102-0250	LED-48/96W/2700K	11846.2 lm	96 W	80	
	102-0251	LED-48/96W/3000K	12723.7 lm	96 W	80	
	102-0252	LED-48/96W/4000K	13601.2 lm	96 W	80	
	102-0912	LED-48/144W/2200K	15795.2 lm	144 W	70	
	102-0913	LED-48/144W/2700K	15795.2 lm	144 W	80	
	102-0914	LED-48/144W/3000K	17058.8 lm	144 W	80	
	102-0915	LED-48/144W/4000K	18111.8 lm	144 W	80	
	 <p>[S66] asymmetric, side throw</p>	102-0350	LED-48/48W/2200K	6528.5 lm	48 W	70
		102-0351	LED-48/48W/2700K	6528.5 lm	48 W	80
102-0352		LED-48/48W/3000K	6978.7 lm	48 W	80	
102-0353		LED-48/48W/4000K	7654.1 lm	48 W	80	
102-0362		LED-48/72W/2200K	8254.6 lm	72 W	70	
102-0363		LED-48/72W/2700K	8576.2 lm	72 W	80	
102-0364		LED-48/72W/3000K	9219.4 lm	72 W	80	
102-0365		LED-48/72W/4000K	9862.7 lm	72 W	80	
102-0374		LED-48/96W/2200K	11577.9 lm	96 W	70	
102-0375		LED-48/96W/2700K	11577.9 lm	96 W	80	
102-0376		LED-48/96W/3000K	12435.5 lm	96 W	80	
102-0377		LED-48/96W/4000K	13293.2 lm	96 W	80	
102-0944		LED-48/144W/2200K	15437.4 lm	144 W	70	
102-0945		LED-48/144W/2700K	15437.4 lm	144 W	80	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	102-0946	LED-48/144W/3000K	16672.4 lm	144 W	80
	102-0947	LED-48/144W/4000K	17701.5 lm	144 W	80
 <p>[S70] asymmetric, side throw</p>	102-0164	LED-48/48W/2200K	6600.9 lm	48 W	70
	102-0165	LED-48/48W/2700K	6600.9 lm	48 W	80
	102-0166	LED-48/48W/3000K	7056.1 lm	48 W	80
	102-0167	LED-48/48W/4000K	7739 lm	48 W	80
	102-0209	LED-48/72W/2200K	8542.5 lm	72 W	70
	102-0210	LED-48/72W/2700K	8875.3 lm	72 W	80
	102-0211	LED-48/72W/3000K	9541 lm	72 W	80
	102-0212	LED-48/72W/4000K	10206.6 lm	72 W	80
	102-0254	LED-48/96W/2200K	11981.7 lm	96 W	70
	102-0255	LED-48/96W/2700K	11981.7 lm	96 W	80
	102-0256	LED-48/96W/3000K	12869.2 lm	96 W	80
	102-0257	LED-48/96W/4000K	13756.8 lm	96 W	80
	102-0916	LED-48/144W/2200K	15608.5 lm	144 W	70
	102-0917	LED-48/144W/2700K	15608.5 lm	144 W	80
	102-0918	LED-48/144W/3000K	16857.1 lm	144 W	80
	102-0919	LED-48/144W/4000K	17897.7 lm	144 W	80
 <p>[S71] asymmetric, side throw</p>	102-0354	LED-48/48W/2200K	6025.3 lm	48 W	70
	102-0355	LED-48/48W/2700K	6025.3 lm	48 W	80
	102-0356	LED-48/48W/3000K	6440.8 lm	48 W	80
	102-0357	LED-48/48W/4000K	7064.1 lm	48 W	80
	102-0366	LED-48/72W/2200K	7618.4 lm	72 W	70
	102-0367	LED-48/72W/2700K	7915.2 lm	72 W	80
	102-0368	LED-48/72W/3000K	8508.9 lm	72 W	80
	102-0369	LED-48/72W/4000K	9102.5 lm	72 W	80
	102-0378	LED-48/96W/2200K	10685.5 lm	96 W	70
	102-0379	LED-48/96W/2700K	10685.5 lm	96 W	80
	102-0380	LED-48/96W/3000K	11477.1 lm	96 W	80
	102-0381	LED-48/96W/4000K	12268.6 lm	96 W	80