

### Description

IP66, Class I. 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. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. DALI interface. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept.

Suitable for using as post top or side entry version. Recommend to be specified at time of ordering.

Optional spigot adaptor Ø 60 x 100 mm or 42 x 100 mm available; refer to accessory listings.

## Specifications

### Material description

Colours	<b>RAL9004</b> Signal black	<b>RAL9007</b> Grey aluminium	<b>RAL7016</b> Anthracite grey	<b>RAL9016</b> Traffic white
Ingress protection	IP66			
Impact resistance	IK08			

### Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral electronic converter with DALI interface
Energy efficiency	C-D (Light source)

### Additional information

Lifetime	Ta=25° L90B10 > 90000h
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**Options**

**Light distribution**

**Colour temperature**

**Nominal Watt**



[S60] asymmetric, side throw



2200K

24 W



2700K

36 W



3000K

48 W



4000K

72 W



[S65] asymmetric, side throw



[P45R] pedestrian crossing, right-hand traffic



[R60] rectangular, side throw



[P65] pedestrian/bicycle lane



[A60] asymmetric, forward throw





[Q66] square distribution



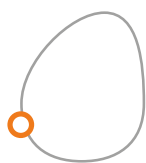
[P45L] pedestrian crossing, left-hand traffic

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## Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
[]	102-0089	LED-24/36W/4000K	4969.4 lm	36 W	80
	102-0089-70	LED-24/36W/4000K	5617.5 lm	36 W	70
 <p>[A60] asymmetric, forward throw</p>	102-0026	LED-24/24W/2200K	3189.7 lm	24 W	70
	102-0027	LED-24/24W/2700K	3189.7 lm	24 W	80
	102-0027-70	LED-24/24W/2700K	3409.7 lm	24 W	70
	102-0028	LED-24/24W/3000K	3409.7 lm	24 W	80
	102-0028-70	LED-24/24W/3000K	3959.6 lm	24 W	70
	102-0029	LED-24/24W/4000K	3739.6 lm	24 W	80
	102-0029-70	LED-24/24W/4000K	4179.6 lm	24 W	70
	102-0071	LED-24/36W/2200K	4092.6 lm	36 W	70
	102-0072	LED-24/36W/2700K	4092.6 lm	36 W	80
	102-0072-70	LED-24/36W/2700K	4399.5 lm	36 W	70
	102-0073	LED-24/36W/3000K	4399.5 lm	36 W	80
	102-0073-70	LED-24/36W/3000K	5013.4 lm	36 W	70
	102-0074	LED-24/36W/4000K	4706.5 lm	36 W	80
	102-0074-70	LED-24/36W/4000K	5320.4 lm	36 W	70
	102-0116	LED-24/48W/2200K	5525 lm	48 W	70
	102-0117	LED-24/48W/2700K	5525 lm	48 W	80
	102-0117-70	LED-24/48W/2700K	5934.3 lm	48 W	70
	102-0118	LED-24/48W/3000K	5934.3 lm	48 W	80
	102-0118-70	LED-24/48W/3000K	6752.8 lm	48 W	70
	102-0119	LED-24/48W/4000K	6343.5 lm	48 W	80
	102-0119-70	LED-24/48W/4000K	7162 lm	48 W	70
	102-0880	LED-24/72W/2200K	6263.3 lm	72 W	70
	102-0881	LED-24/72W/2700K	6100.6 lm	72 W	80
	102-0881-70	LED-24/72W/2700K	6588.7 lm	72 W	70
	102-0882	LED-24/72W/3000K	6588.7 lm	72 W	80
	102-0882-70	LED-24/72W/3000K	7483.4 lm	72 W	70
	102-0883	LED-24/72W/4000K	6995.4 lm	72 W	80
	102-0883-70	LED-24/72W/4000K	7971.5 lm	72 W	70
	102-0041	LED-24/24W/2200K	3132.9 lm	24 W	70
	102-0042	LED-24/24W/2700K	3132.9 lm	24 W	80
	102-0042-70	LED-24/24W/2700K	3348.9 lm	24 W	70
	102-0043	LED-24/24W/3000K	3348.9 lm	24 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	
[P45L] pedestrian crossing, left-hand traffic	102-0043-70	LED-24/24W/3000K	3889.1 lm	24 W	70	
	102-0044	LED-24/24W/4000K	3673 lm	24 W	80	
	102-0044-70	LED-24/24W/4000K	4105.1 lm	24 W	70	
	102-0086	LED-24/36W/2200K	4321.2 lm	36 W	70	
	102-0087	LED-24/36W/2700K	4321.2 lm	36 W	80	
	102-0087-70	LED-24/36W/2700K	4645.3 lm	36 W	70	
	102-0088	LED-24/36W/3000K	4645.3 lm	36 W	80	
	102-0088-70	LED-24/36W/3000K	5293.4 lm	36 W	70	
	102-0131	LED-24/48W/2200K	5833.6 lm	48 W	70	
	102-0132	LED-24/48W/2700K	5833.6 lm	48 W	80	
	102-0132-70	LED-24/48W/2700K	6265.7 lm	48 W	70	
	102-0133	LED-24/48W/3000K	6265.7 lm	48 W	80	
	102-0133-70	LED-24/48W/3000K	7130 lm	48 W	70	
	102-0134	LED-24/48W/4000K	6697.8 lm	48 W	80	
	102-0134-70	LED-24/48W/4000K	7562.1 lm	48 W	70	
	102-0892	LED-24/72W/2200K	8318.3 lm	72 W	70	
	102-0893	LED-24/72W/2700K	8102.2 lm	72 W	80	
	102-0893-70	LED-24/72W/2700K	8750.4 lm	72 W	70	
	102-0894	LED-24/72W/3000K	8750.4 lm	72 W	80	
	102-0894-70	LED-24/72W/3000K	9938.7 lm	72 W	70	
	102-0895	LED-24/72W/4000K	9290.5 lm	72 W	80	
	102-0895-70	LED-24/72W/4000K	10586.9 lm	72 W	70	
	[P45R] pedestrian crossing, right-hand traffic	102-0036	LED-24/24W/2200K	3132.9 lm	24 W	70
		102-0037	LED-24/24W/2700K	3132.9 lm	24 W	80
		102-0037-70	LED-24/24W/2700K	3348.9 lm	24 W	70
		102-0038	LED-24/24W/3000K	3348.9 lm	24 W	80
102-0038-70		LED-24/24W/3000K	3889.1 lm	24 W	70	
102-0039		LED-24/24W/4000K	3673 lm	24 W	80	
102-0039-70		LED-24/24W/4000K	4105.1 lm	24 W	70	
102-0081		LED-24/36W/2200K	4321.2 lm	36 W	70	
102-0082		LED-24/36W/2700K	4321.2 lm	36 W	80	
102-0082-70		LED-24/36W/2700K	4645.3 lm	36 W	70	
102-0083		LED-24/36W/3000K	4645.3 lm	36 W	80	
102-0083-70		LED-24/36W/3000K	5293.4 lm	36 W	70	
102-0084		LED-24/36W/4000K	4969.4 lm	36 W	80	
102-0084-70		LED-24/36W/4000K	5617.5 lm	36 W	70	






[P45R] pedestrian crossing, right-hand traffic

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	102-0126	LED-24/48W/2200K	5833.6 lm	48 W	70
	102-0127	LED-24/48W/2700K	5833.6 lm	48 W	80
	102-0127-70	LED-24/48W/2700K	6265.7 lm	48 W	70
	102-0128	LED-24/48W/3000K	6265.7 lm	48 W	80
	102-0128-70	LED-24/48W/3000K	7130 lm	48 W	70
	102-0129	LED-24/48W/4000K	6697.8 lm	48 W	80
	102-0129-70	LED-24/48W/4000K	7562.1 lm	48 W	70
	102-0888	LED-24/72W/2200K	8318.3 lm	72 W	70
	102-0889	LED-24/72W/2700K	8102.2 lm	72 W	80
	102-0889-70	LED-24/72W/2700K	8750.4 lm	72 W	70
	102-0890	LED-24/72W/3000K	8750.4 lm	72 W	80
	102-0890-70	LED-24/72W/3000K	9938.7 lm	72 W	70
	102-0891	LED-24/72W/4000K	9290.5 lm	72 W	80
	102-0891-70	LED-24/72W/4000K	10586.9 lm	72 W	70
	102-0021	LED-24/24W/2200K	3195.4 lm	24 W	70
	102-0022	LED-24/24W/2700K	3195.4 lm	24 W	80
	102-0022-70	LED-24/24W/2700K	3415.7 lm	24 W	70
	102-0023	LED-24/24W/3000K	3415.7 lm	24 W	80
	102-0023-70	LED-24/24W/3000K	3966.7 lm	24 W	70
	102-0024	LED-24/24W/4000K	3746.3 lm	24 W	80
	102-0024-70	LED-24/24W/4000K	4187 lm	24 W	70
	102-0066	LED-24/36W/2200K	4099.9 lm	36 W	70
	102-0067	LED-24/36W/2700K	4099.9 lm	36 W	80
	102-0067-70	LED-24/36W/2700K	4407.4 lm	36 W	70
	102-0068	LED-24/36W/3000K	4407.4 lm	36 W	80
	102-0068-70	LED-24/36W/3000K	5022.4 lm	36 W	70
	102-0069	LED-24/36W/4000K	4714.9 lm	36 W	80
	102-0069-70	LED-24/36W/4000K	5329.9 lm	36 W	70
	102-0111	LED-24/48W/2200K	5534.9 lm	48 W	70
	102-0112	LED-24/48W/2700K	5534.9 lm	48 W	80
	102-0112-70	LED-24/48W/2700K	5944.9 lm	48 W	70
	102-0113	LED-24/48W/3000K	5944.9 lm	48 W	80
	102-0113-70	LED-24/48W/3000K	6764.9 lm	48 W	70
	102-0114	LED-24/48W/4000K	6354.9 lm	48 W	80
	102-0114-70	LED-24/48W/4000K	7174.9 lm	48 W	70
	102-0876	LED-24/72W/2200K	7695.2 lm	72 W	70



[P65] pedestrian/bicycle lane

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 [Q66] square distribution	102-0877	LED-24/72W/2700K	7495.3 lm	72 W	80
	102-0877-70	LED-24/72W/2700K	8094.9 lm	72 W	70
	102-0878	LED-24/72W/3000K	8094.9 lm	72 W	80
	102-0878-70	LED-24/72W/3000K	9194.2 lm	72 W	70
	102-0879	LED-24/72W/4000K	8594.6 lm	72 W	80
	102-0879-70	LED-24/72W/4000K	9793.9 lm	72 W	70
	102-0031	LED-24/24W/2200K	3045.3 lm	24 W	70
	102-0032	LED-24/24W/2700K	3045.3 lm	24 W	80
	102-0032-70	LED-24/24W/2700K	3255.4 lm	24 W	70
	102-0033-70	LED-24/24W/3000K	3780.4 lm	24 W	70
	102-0033	LED-24/24W/3000K	3255.4 lm	24 W	80
	102-0034	LED-24/24W/4000K	3570.4 lm	24 W	80
	102-0034-70	LED-24/24W/4000K	3990.5 lm	24 W	70
	102-0076	LED-24/36W/2200K	4000.6 lm	36 W	70
	102-0077	LED-24/36W/2700K	4000.6 lm	36 W	80
	102-0077-70	LED-24/36W/2700K	4300.6 lm	36 W	70
	102-0078	LED-24/36W/3000K	4300.6 lm	36 W	80
	102-0078-70	LED-24/36W/3000K	4900.7 lm	36 W	70
	102-0079	LED-24/36W/4000K	4600.7 lm	36 W	80
	102-0079-70	LED-24/36W/4000K	5200.8 lm	36 W	70
	102-0121	LED-24/48W/2200K	5400.8 lm	48 W	70
	102-0122	LED-24/48W/2700K	5400.8 lm	48 W	80
	102-0122-70	LED-24/48W/2700K	5800.9 lm	48 W	70
	102-0123	LED-24/48W/3000K	5800.9 lm	48 W	80
	102-0123-70	LED-24/48W/3000K	6601 lm	48 W	70
	102-0124	LED-24/48W/4000K	6200.9 lm	48 W	80
	102-0124-70	LED-24/48W/4000K	7001.1 lm	48 W	70
	102-0884	LED-24/72W/2200K	7393.3 lm	72 W	70
	102-0885	LED-24/72W/2700K	7201.3 lm	72 W	80
	102-0885-70	LED-24/72W/2700K	7777.4 lm	72 W	70
	102-0886	LED-24/72W/3000K	7777.4 lm	72 W	80
	102-0886-70	LED-24/72W/3000K	8833.5 lm	72 W	70
	102-0887	LED-24/72W/4000K	8257.4 lm	72 W	80
	102-0887-70	LED-24/72W/4000K	9409.6 lm	72 W	70
102-0016	LED-24/24W/2200K	3005.7 lm	24 W	70	
102-0017	LED-24/24W/2700K	3005.7 lm	24 W	80	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	
 <p>[R60] rectangular, side throw</p>	102-0017-70	LED-24/24W/2700K	3213 lm	24 W	70	
	102-0018	LED-24/24W/3000K	3213 lm	24 W	80	
	102-0018-70	LED-24/24W/3000K	3731.2 lm	24 W	70	
	102-0019	LED-24/24W/4000K	3524 lm	24 W	80	
	102-0019-70	LED-24/24W/4000K	3938.5 lm	24 W	70	
	102-0061	LED-24/36W/2200K	4375.7 lm	36 W	70	
	102-0062	LED-24/36W/2700K	4375.7 lm	36 W	80	
	102-0062-70	LED-24/36W/2700K	4703.9 lm	36 W	70	
	102-0063	LED-24/36W/3000K	4703.9 lm	36 W	80	
	102-0063-70	LED-24/36W/3000K	5360.3 lm	36 W	70	
	102-0064	LED-24/36W/4000K	5032.1 lm	36 W	80	
	102-0064-70	LED-24/36W/4000K	5688.4 lm	36 W	70	
	102-0106	LED-24/48W/2200K	5907.2 lm	48 W	70	
	102-0107	LED-24/48W/2700K	5907.2 lm	48 W	80	
	102-0107-70	LED-24/48W/2700K	6344.8 lm	48 W	70	
	102-0108	LED-24/48W/3000K	6344.8 lm	48 W	80	
	102-0108-70	LED-24/48W/3000K	7219.9 lm	48 W	70	
	102-0109	LED-24/48W/4000K	6782.4 lm	48 W	80	
	102-0109-70	LED-24/48W/4000K	7657.5 lm	48 W	70	
	102-0872	LED-24/72W/2200K	7367 lm	72 W	70	
	102-0873	LED-24/72W/2700K	7175.6 lm	72 W	80	
	102-0873-70	LED-24/72W/2700K	7749.7 lm	72 W	70	
	102-0874	LED-24/72W/3000K	7749.7 lm	72 W	80	
	102-0874-70	LED-24/72W/3000K	8802.1 lm	72 W	70	
	102-0875	LED-24/72W/4000K	8228.1 lm	72 W	80	
	102-0875-70	LED-24/72W/4000K	9376.2 lm	72 W	70	
	 <p>[S60] asymmetric, side throw</p>	102-0001	LED-24/24W/2200K	3289.4 lm	24 W	70
		102-0002	LED-24/24W/2700K	3289.4 lm	24 W	80
102-0002-70		LED-24/24W/2700K	3516.2 lm	24 W	70	
102-0003		LED-24/24W/3000K	3516.2 lm	24 W	80	
102-0003-70		LED-24/24W/3000K	4083.4 lm	24 W	70	
102-0004		LED-24/24W/4000K	3856.5 lm	24 W	80	
102-0004-70		LED-24/24W/4000K	4310.2 lm	24 W	70	
102-0046		LED-24/36W/2200K	4321.2 lm	36 W	70	
102-0047		LED-24/36W/2700K	4321.2 lm	36 W	80	
102-0047-70		LED-24/36W/2700K	4645.2 lm	36 W	70	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	102-0048	LED-24/36W/3000K	4645.2 lm	36 W	80
	102-0048-70	LED-24/36W/3000K	5293.4 lm	36 W	70
	102-0049	LED-24/36W/4000K	4969.3 lm	36 W	80
	102-0049-70	LED-24/36W/4000K	5617.5 lm	36 W	70
	102-0091	LED-24/48W/2200K	5833.6 lm	48 W	70
	102-0092	LED-24/48W/2700K	5833.6 lm	48 W	80
	102-0092-70	LED-24/48W/2700K	6265.7 lm	48 W	70
	102-0093	LED-24/48W/3000K	6265.7 lm	48 W	80
	102-0093-70	LED-24/48W/3000K	7129.9 lm	48 W	70
	102-0094	LED-24/48W/4000K	6697.8 lm	48 W	80
	102-0094-70	LED-24/48W/4000K	7562 lm	48 W	70
	102-0860	LED-24/72W/2200K	7998.4 lm	72 W	70
	102-0861	LED-24/72W/2700K	7790.6 lm	72 W	80
	102-0861-70	LED-24/72W/2700K	8413.9 lm	72 W	70
	102-0862	LED-24/72W/3000K	8413.9 lm	72 W	80
	102-0862-70	LED-24/72W/3000K	9556.5 lm	72 W	70
	102-0863	LED-24/72W/4000K	8933.2 lm	72 W	80
	102-0863-70	LED-24/72W/4000K	10179.7 lm	72 W	70
	102-0006	LED-24/24W/2200K	3301.3 lm	24 W	70
	102-0007	LED-24/24W/2700K	3301.3 lm	24 W	80
	102-0007-70	LED-24/24W/2700K	3529 lm	24 W	70
	102-0008	LED-24/24W/3000K	3529 lm	24 W	80
	102-0008-70	LED-24/24W/3000K	4098.2 lm	24 W	70
	102-0009	LED-24/24W/4000K	3870.5 lm	24 W	80
	102-0009-70	LED-24/24W/4000K	4325.9 lm	24 W	70
	102-0051	LED-24/36W/2200K	4336.8 lm	36 W	70
	102-0052	LED-24/36W/2700K	4336.8 lm	36 W	80
	102-0052-70	LED-24/36W/2700K	4662.1 lm	36 W	70
	102-0053	LED-24/36W/3000K	4662.1 lm	36 W	80
	102-0053-70	LED-24/36W/3000K	5312.6 lm	36 W	70
	102-0054	LED-24/36W/4000K	4987.4 lm	36 W	80
	102-0054-70	LED-24/36W/4000K	5637.9 lm	36 W	70
	102-0096	LED-24/48W/2200K	5854.7 lm	48 W	70
	102-0097	LED-24/48W/2700K	5854.7 lm	48 W	80
	102-0097-70	LED-24/48W/2700K	6288.4 lm	48 W	70
	102-0098	LED-24/48W/3000K	6288.4 lm	48 W	80



[S65] asymmetric, side throw

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	102-0098-70	LED-24/48W/3000K	7155.8 lm	48 W	70
	102-0099	LED-24/48W/4000K	6722.1 lm	48 W	80
	102-0099-70	LED-24/48W/4000K	7589.5 lm	48 W	70
	102-0864	LED-24/72W/2200K	8014.7 lm	72 W	70
	102-0865	LED-24/72W/2700K	7806.5 lm	72 W	80
	102-0865-70	LED-24/72W/2700K	8431 lm	72 W	70
	102-0866	LED-24/72W/3000K	8431 lm	72 W	80
	102-0866-70	LED-24/72W/3000K	9576 lm	72 W	70
	102-0867	LED-24/72W/4000K	8951.4 lm	72 W	80
	102-0867-70	LED-24/72W/4000K	10200.5 lm	72 W	70