

### 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
Energy efficiency	C-D (Light source)

### Additional information

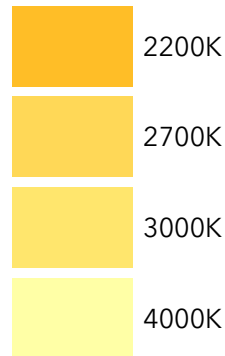
Lifetime	Ta=25° L90B10 > 100000h
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**Options**

**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 distribution
-  [P45R] pedestrian crossing, right-hand traffic
-  [P45L] pedestrian crossing, left-hand traffic


**Colour temperature**



**Nominal Watt**

- 8 W
- 16 W
- 0 W
- 12 W
- 24 W
- 32 W
- 48 W

## Configurations

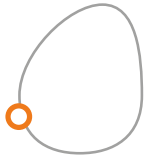
Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[A60] asymmetric, forward throw</p>	102-0442	LED-8/8W/2200K	1067.6 lm	8 W	70
	102-0443	LED-8/8W/2700K	1067.6 lm	8 W	80
	102-0443-70	LED-8/8W/2700K	1141.3 lm	8 W	70
	102-0444	LED-8/8W/3000K	1141.3 lm	8 W	80
	102-0444-70	LED-8/8W/3000K	1325.3 lm	8 W	70
	102-0445	LED-8/8W/4000K	1251.7 lm	8 W	80
	102-0445-70	LED-8/8W/4000K	1399 lm	8 W	70
	102-0538	LED-8/12W/2200K	1472.6 lm	12 W	70
	102-0539	LED-8/12W/2700K	1472.6 lm	12 W	80
	102-0539-70	LED-8/12W/2700K	1583 lm	12 W	70
	102-0540	LED-8/12W/3000K	1583 lm	12 W	80
	102-0540-70	LED-8/12W/3000K	1803.9 lm	12 W	70
	102-0541	LED-8/12W/4000K	1693.5 lm	12 W	80
	102-0541-70	LED-8/12W/4000K	1914.4 lm	12 W	70
	102-0634	LED-8/16W/2200K	1849.3 lm	16 W	70
	102-0635	LED-8/16W/2700K	1849.3 lm	16 W	80
	102-0635-70	LED-8/16W/2700K	1986.3 lm	16 W	70
	102-0636	LED-8/16W/3000K	1986.3 lm	16 W	80
	102-0636-70	LED-8/16W/3000K	2260.3 lm	16 W	70
	102-0637	LED-8/16W/4000K	2123.3 lm	16 W	80
	102-0637-70	LED-8/16W/4000K	2397.2 lm	16 W	70
	102-0730	LED-8/24W/2200K	2568.5 lm	24 W	70
	102-0731	LED-8/24W/2700K	2568.5 lm	24 W	80
	102-0731-70	LED-8/24W/2700K	2774 lm	24 W	70
	102-0732	LED-8/24W/3000K	2774 lm	24 W	80
	102-0732-70	LED-8/24W/3000K	3150.7 lm	24 W	70
	102-0733	LED-8/24W/4000K	2945.2 lm	24 W	80
	102-0733-70	LED-8/24W/4000K	3356.1 lm	24 W	70
	102-0490	LED-16/16W/2200K	2135.3 lm	16 W	70
	102-0491	LED-16/16W/2700K	2135.3 lm	16 W	80
	102-0491-70	LED-16/16W/2700K	2282.5 lm	16 W	70
	102-0492	LED-16/16W/3000K	2282.5 lm	16 W	80
	102-0492-70	LED-16/16W/3000K	2650.7 lm	16 W	70
102-0493	LED-16/16W/4000K	2503.4 lm	16 W	80	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	102-0493-70	LED-16/16W/4000K	2797.9 lm	16 W	70
	102-0586	LED-16/24W/2200K	2945.2 lm	24 W	70
	102-0587	LED-16/24W/2700K	2945.2 lm	24 W	80
	102-0587-70	LED-16/24W/2700K	3166.1 lm	24 W	70
	102-0588	LED-16/24W/3000K	3166.1 lm	24 W	80
	102-0588-70	LED-16/24W/3000K	3607.8 lm	24 W	70
	102-0589	LED-16/24W/4000K	3387 lm	24 W	80
	102-0589-70	LED-16/24W/4000K	3828.7 lm	24 W	70
	102-0682	LED-16/32W/2200K	3698.6 lm	32 W	70
	102-0683	LED-16/32W/2700K	3698.6 lm	32 W	80
	102-0683-70	LED-16/32W/2700K	3972.6 lm	32 W	70
	102-0684	LED-16/32W/3000K	3972.6 lm	32 W	80
	102-0684-70	LED-16/32W/3000K	4520.5 lm	32 W	70
	102-0685	LED-16/32W/4000K	4246.6 lm	32 W	80
	102-0685-70	LED-16/32W/4000K	4794.5 lm	32 W	70
	102-0778	LED-16/48W/2200K	5137 lm	48 W	70
	102-0779	LED-16/48W/2700K	5137 lm	48 W	80
	102-0779-70	LED-16/48W/2700K	5547.9 lm	48 W	70
	102-0780	LED-16/48W/3000K	5547.9 lm	48 W	80
	102-0780-70	LED-16/48W/3000K	6301.3 lm	48 W	70
	102-0781	LED-16/48W/4000K	5890.4 lm	48 W	80
	102-0781-70	LED-16/48W/4000K	6712.3 lm	48 W	70
	102-0454	LED-8/8W/2200K	1044.3 lm	8 W	70
	102-0455	LED-8/8W/2700K	1044.3 lm	8 W	80
	102-0455-70	LED-8/8W/2700K	1116.3 lm	8 W	70
	102-0456	LED-8/8W/3000K	1116.3 lm	8 W	80
	102-0456-70	LED-8/8W/3000K	1296.4 lm	8 W	70
	102-0457	LED-8/8W/4000K	1224.3 lm	8 W	80
	102-0457-70	LED-8/8W/4000K	1368.4 lm	8 W	70
	102-0550	LED-8/12W/2200K	1440.4 lm	12 W	70
	102-0551	LED-8/12W/2700K	1440.4 lm	12 W	80
	102-0551-70	LED-8/12W/2700K	1548.4 lm	12 W	70
	102-0552	LED-8/12W/3000K	1548.4 lm	12 W	80
	102-0552-70	LED-8/12W/3000K	1764.5 lm	12 W	70
	102-0553	LED-8/12W/4000K	1656.5 lm	12 W	80
	102-0553-70	LED-8/12W/4000K	1872.5 lm	12 W	70



[P45L] pedestrian crossing, left-hand traffic

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	102-0646	LED-8/16W/2200K	1944.5 lm	16 W	70
	102-0647	LED-8/16W/2700K	1944.5 lm	16 W	80
	102-0647-70	LED-8/16W/2700K	2088.6 lm	16 W	70
	102-0648	LED-8/16W/3000K	2088.6 lm	16 W	80
	102-0648-70	LED-8/16W/3000K	2376.7 lm	16 W	70
	102-0649	LED-8/16W/4000K	2232.6 lm	16 W	80
	102-0649-70	LED-8/16W/4000K	2520.7 lm	16 W	70
	102-0742	LED-8/24W/2200K	2700.7 lm	24 W	70
	102-0743	LED-8/24W/2700K	2700.7 lm	24 W	80
	102-0743-70	LED-8/24W/2700K	2916.8 lm	24 W	70
	102-0744	LED-8/24W/3000K	2916.8 lm	24 W	80
	102-0744-70	LED-8/24W/3000K	3312.9 lm	24 W	70
	102-0745	LED-8/24W/4000K	3096.8 lm	24 W	80
	102-0745-70	LED-8/24W/4000K	3529 lm	24 W	70
	102-0505		2448.7 lm	0 W	80
	102-0505-70		2736.7 lm	0 W	70
	102-0502	LED-16/16W/2200K	2088.6 lm	16 W	70
	102-0503	LED-16/16W/2700K	2088.6 lm	16 W	80
	102-0503-70	LED-16/16W/2700K	2232.6 lm	16 W	70
	102-0504	LED-16/16W/3000K	2232.6 lm	16 W	80
	102-0504-70	LED-16/16W/3000K	2592.7 lm	16 W	70
	102-0598	LED-16/24W/2200K	2880.8 lm	24 W	70
	102-0599	LED-16/24W/2700K	2880.8 lm	24 W	80
	102-0599-70	LED-16/24W/2700K	3096.8 lm	24 W	70
	102-0600	LED-16/24W/3000K	3096.8 lm	24 W	80
	102-0600-70	LED-16/24W/3000K	3529 lm	24 W	70
	102-0601	LED-16/24W/4000K	3312.9 lm	24 W	80
	102-0601-70	LED-16/24W/4000K	3745 lm	24 W	70
	102-0694	LED-16/32W/2200K	3889.1 lm	32 W	70
	102-0695	LED-16/32W/2700K	3889.1 lm	32 W	80
	102-0695-70	LED-16/32W/2700K	4177.1 lm	32 W	70
	102-0696	LED-16/32W/3000K	4177.1 lm	32 W	80
	102-0696-70	LED-16/32W/3000K	4753.3 lm	32 W	70
	102-0697	LED-16/32W/4000K	4465.2 lm	32 W	80
	102-0697-70	LED-16/32W/4000K	5041.4 lm	32 W	70
	102-0790	LED-16/48W/2200K	5401.5 lm	48 W	70

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 [P45R] pedestrian crossing, right-hand traffic	102-0791	LED-16/48W/2700K	5401.5 lm	48 W	80
	102-0791-70	LED-16/48W/2700K	5833.6 lm	48 W	70
	102-0792	LED-16/48W/3000K	5833.6 lm	48 W	80
	102-0792-70	LED-16/48W/3000K	6625.8 lm	48 W	70
	102-0793	LED-16/48W/4000K	6193.7 lm	48 W	80
	102-0793-70	LED-16/48W/4000K	7057.9 lm	48 W	70
	102-0450	LED-8/8W/2200K	1044.3 lm	8 W	70
	102-0451	LED-8/8W/2700K	1044.3 lm	8 W	80
	102-0451-70	LED-8/8W/2700K	1116.3 lm	8 W	70
	102-0452	LED-8/8W/3000K	1116.3 lm	8 W	80
	102-0452-70	LED-8/8W/3000K	1296.4 lm	8 W	70
	102-0453	LED-8/8W/4000K	1224.3 lm	8 W	80
	102-0453-70	LED-8/8W/4000K	1368.4 lm	8 W	70
	102-0546	LED-8/12W/2200K	1440.4 lm	12 W	70
	102-0547	LED-8/12W/2700K	1440.4 lm	12 W	80
	102-0547-70	LED-8/12W/2700K	1548.4 lm	12 W	70
	102-0548	LED-8/12W/3000K	1548.4 lm	12 W	80
	102-0548-70	LED-8/12W/3000K	1764.5 lm	12 W	70
	102-0549	LED-8/12W/4000K	1656.5 lm	12 W	80
	102-0549-70	LED-8/12W/4000K	1872.5 lm	12 W	70
	102-0642	LED-8/16W/2200K	1944.5 lm	16 W	70
	102-0643	LED-8/16W/2700K	1944.5 lm	16 W	80
	102-0643-70	LED-8/16W/2700K	2088.6 lm	16 W	70
	102-0644	LED-8/16W/3000K	2088.6 lm	16 W	80
	102-0644-70	LED-8/16W/3000K	2376.7 lm	16 W	70
	102-0645	LED-8/16W/4000K	2232.6 lm	16 W	80
	102-0645-70	LED-8/16W/4000K	2520.7 lm	16 W	70
102-0739	LED-8/24W/2700K	2700.7 lm	24 W	80	
102-0739-70	LED-8/24W/2700K	2916.8 lm	24 W	70	
102-0740	LED-8/24W/3000K	2916.8 lm	24 W	80	
102-0740-70	LED-8/24W/3000K	3312.9 lm	24 W	70	
102-0741	LED-8/24W/4000K	3096.8 lm	24 W	80	
102-0741-70	LED-8/24W/4000K	3529 lm	24 W	70	
102-0498	LED-16/16W/2200K	2088.6 lm	16 W	70	
102-0499	LED-16/16W/2700K	2088.6 lm	16 W	80	
102-0499-70	LED-16/16W/2700K	2232.6 lm	16 W	70	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	102-0500	LED-16/16W/3000K	2232.6 lm	16 W	80
	102-0500-70	LED-16/16W/3000K	2592.7 lm	16 W	70
	102-0501	LED-16/16W/4000K	2448.7 lm	16 W	80
	102-0501-70	LED-16/16W/4000K	2736.7 lm	16 W	70
	102-0594	LED-16/24W/2200K	2880.8 lm	24 W	70
	102-0595	LED-16/24W/2700K	2880.8 lm	24 W	80
	102-0595-70	LED-16/24W/2700K	3096.8 lm	24 W	70
	102-0596	LED-16/24W/3000K	3096.8 lm	24 W	80
	102-0596-70	LED-16/24W/3000K	3529 lm	24 W	70
	102-0597	LED-16/24W/4000K	3312.9 lm	24 W	80
	102-0597-70	LED-16/24W/4000K	3745 lm	24 W	70
	102-0690	LED-16/32W/2200K	3889.1 lm	32 W	70
	102-0691	LED-16/32W/2700K	3889.1 lm	32 W	80
	102-0691-70	LED-16/32W/2700K	4177.1 lm	32 W	70
	102-0692	LED-16/32W/3000K	4177.1 lm	32 W	80
	102-0692-70	LED-16/32W/3000K	4753.3 lm	32 W	70
	102-0693	LED-16/32W/4000K	4465.2 lm	32 W	80
	102-0693-70	LED-16/32W/4000K	5041.4 lm	32 W	70
	102-0786	LED-16/48W/2200K	5401.5 lm	48 W	70
	102-0787	LED-16/48W/2700K	5401.5 lm	48 W	80
	102-0787-70	LED-16/48W/2700K	5833.6 lm	48 W	70
	102-0788	LED-16/48W/3000K	5833.6 lm	48 W	80
	102-0788-70	LED-16/48W/3000K	6625.8 lm	48 W	70
	102-0789	LED-16/48W/4000K	6193.7 lm	48 W	80
	102-0789-70	LED-16/48W/4000K	7057.9 lm	48 W	70
	102-0438	LED-8/8W/2200K	1020.2 lm	8 W	70
	102-0439	LED-8/8W/2700K	1020.2 lm	8 W	80
	102-0439-70	LED-8/8W/2700K	1090.5 lm	8 W	70
	102-0440	LED-8/8W/3000K	1090.5 lm	8 W	80
	102-0440-70	LED-8/8W/3000K	1266.4 lm	8 W	70
	102-0441	LED-8/8W/4000K	1196.1 lm	8 W	80
	102-0441-70	LED-8/8W/4000K	1336.8 lm	8 W	70
	102-0534	LED-8/12W/2200K	1407.1 lm	12 W	70
	102-0535	LED-8/12W/2700K	1407.1 lm	12 W	80
	102-0535-70	LED-8/12W/2700K	1512.7 lm	12 W	70
	102-0536	LED-8/12W/3000K	1512.7 lm	12 W	80



[P65] pedestrian/bicycle lane

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	102-0536-70	LED-8/12W/3000K	1723.7 lm	12 W	70
	102-0537	LED-8/12W/4000K	1618.2 lm	12 W	80
	102-0537-70	LED-8/12W/4000K	1829.3 lm	12 W	70
	102-0630	LED-8/16W/2200K	1767.1 lm	16 W	70
	102-0631	LED-8/16W/2700K	1767.1 lm	16 W	80
	102-0631-70	LED-8/16W/2700K	1898 lm	16 W	70
	102-0632	LED-8/16W/3000K	1898 lm	16 W	80
	102-0632-70	LED-8/16W/3000K	2159.8 lm	16 W	70
	102-0633	LED-8/16W/4000K	2028.9 lm	16 W	80
	102-0633-70	LED-8/16W/4000K	2290.7 lm	16 W	70
	102-0726	LED-8/24W/2200K	2454.3 lm	24 W	70
	102-0727	LED-8/24W/2700K	2454.3 lm	24 W	80
	102-0727-70	LED-8/24W/2700K	2650.7 lm	24 W	70
	102-0728	LED-8/24W/3000K	2650.7 lm	24 W	80
	102-0728-70	LED-8/24W/3000K	3010.7 lm	24 W	70
	102-0729	LED-8/24W/4000K	2814.3 lm	24 W	80
	102-0729-70	LED-8/24W/4000K	3207 lm	24 W	70
	102-0486	LED-16/16W/2200K	1945.9 lm	16 W	70
	102-0487	LED-16/16W/2700K	1945.9 lm	16 W	80
	102-0487-70	LED-16/16W/2700K	2080.1 lm	16 W	70
	102-0488	LED-16/16W/3000K	2080.1 lm	16 W	80
	102-0488-70	LED-16/16W/3000K	2415.6 lm	16 W	70
	102-0489	LED-16/16W/4000K	2281.4 lm	16 W	80
	102-0489-70	LED-16/16W/4000K	2549.8 lm	16 W	70
	102-0582	LED-16/24W/2200K	2684 lm	24 W	70
	102-0583	LED-16/24W/2700K	2684 lm	24 W	80
	102-0583-70	LED-16/24W/2700K	2885.3 lm	24 W	70
	102-0584	LED-16/24W/3000K	2885.3 lm	24 W	80
	102-0584-70	LED-16/24W/3000K	3287.9 lm	24 W	70
	102-0585	LED-16/24W/4000K	3086.6 lm	24 W	80
	102-0585-70	LED-16/24W/4000K	3489.2 lm	24 W	70
	102-0678	LED-16/32W/2200K	3370.7 lm	32 W	70
	102-0679	LED-16/32W/2700K	3370.7 lm	32 W	80
	102-0679-70	LED-16/32W/2700K	3620.3 lm	32 W	70
	102-0680	LED-16/32W/3000K	3620.3 lm	32 W	80
	102-0680-70	LED-16/32W/3000K	4119.7 lm	32 W	70

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	102-0681	LED-16/32W/4000K	3870 lm	32 W	80
	102-0681-70	LED-16/32W/4000K	4369.4 lm	32 W	70
	102-0774	LED-16/48W/2200K	4681.5 lm	48 W	70
	102-0775	LED-16/48W/2700K	4681.5 lm	48 W	80
	102-0775-70	LED-16/48W/2700K	5056 lm	48 W	70
	102-0776	LED-16/48W/3000K	5056 lm	48 W	80
	102-0776-70	LED-16/48W/3000K	5742.6 lm	48 W	70
	102-0777	LED-16/48W/4000K	5368.1 lm	48 W	80
	102-0777-70	LED-16/48W/4000K	6117.1 lm	48 W	70
	102-0446	LED-8/8W/2200K	930.6 lm	8 W	70
	102-0447	LED-8/8W/2700K	930.6 lm	8 W	80
	102-0448	LED-8/8W/3000K	994.8 lm	8 W	80
	102-0448-70	LED-8/8W/3000K	1155.2 lm	8 W	70
	102-0449	LED-8/8W/4000K	1091.1 lm	8 W	80
	102-0449-70	LED-8/8W/4000K	1219.4 lm	8 W	70
	102-0542	LED-8/12W/2200K	1283.6 lm	12 W	70
	102-0543	LED-8/12W/2700K	1283.6 lm	12 W	80
	102-0543-70	LED-8/12W/2700K	1379.9 lm	12 W	70
	102-0544	LED-8/12W/3000K	1379.9 lm	12 W	80
	102-0544-70	LED-8/12W/3000K	1572.4 lm	12 W	70
	102-0545	LED-8/12W/4000K	1476.1 lm	12 W	80
	102-0545-70	LED-8/12W/4000K	1668.7 lm	12 W	70
	102-0638	LED-8/16W/2200K	1650.4 lm	16 W	70
	102-0639	LED-8/16W/2700K	1650.4 lm	16 W	80
	102-0639-70	LED-8/16W/2700K	1772.6 lm	16 W	70
	102-0640	LED-8/16W/3000K	1772.6 lm	16 W	80
	102-0640-70	LED-8/16W/3000K	2017.1 lm	16 W	70
	102-0641	LED-8/16W/4000K	1894.9 lm	16 W	80
	102-0641-70	LED-8/16W/4000K	2139.4 lm	16 W	70
	102-0734	LED-8/24W/2200K	2292.2 lm	24 W	70
	102-0735	LED-8/24W/2700K	2292.2 lm	24 W	80
	102-0735-70	LED-8/24W/2700K	2475.6 lm	24 W	70
	102-0736	LED-8/24W/3000K	2475.6 lm	24 W	80
	102-0736-70	LED-8/24W/3000K	2811.8 lm	24 W	70
	102-0737	LED-8/24W/4000K	2628.4 lm	24 W	80
	102-0737-70	LED-8/24W/4000K	2995.2 lm	24 W	70




[Q66] square distribution

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	102-0494	LED-16/16W/2200K	1747.8 lm	16 W	70
	102-0495	LED-16/16W/2700K	1747.8 lm	16 W	80
	102-0495-70	LED-16/16W/2700K	1868.3 lm	16 W	70
	102-0496	LED-16/16W/3000K	1868.3 lm	16 W	80
	102-0496-70	LED-16/16W/3000K	2169.7 lm	16 W	70
	102-0497	LED-16/16W/4000K	2049.1 lm	16 W	80
	102-0497-70	LED-16/16W/4000K	2290.2 lm	16 W	70
	102-0590	LED-16/24W/2200K	2410.8 lm	24 W	70
	102-0591	LED-16/24W/2700K	2410.8 lm	24 W	80
	102-0591-70	LED-16/24W/2700K	2591.6 lm	24 W	70
	102-0592	LED-16/24W/3000K	2591.6 lm	24 W	80
	102-0592-70	LED-16/24W/3000K	2953.2 lm	24 W	70
	102-0593	LED-16/24W/4000K	2772.4 lm	24 W	80
	102-0593-70	LED-16/24W/4000K	3134 lm	24 W	70
	102-0686	LED-16/32W/2200K	3099.6 lm	32 W	70
	102-0687	LED-16/32W/2700K	3099.6 lm	32 W	80
	102-0687-70	LED-16/32W/2700K	3329.2 lm	32 W	70
	102-0688	LED-16/32W/3000K	3329.2 lm	32 W	80
	102-0688-70	LED-16/32W/3000K	3788.4 lm	32 W	70
	102-0689	LED-16/32W/4000K	3558.8 lm	32 W	80
	102-0689-70	LED-16/32W/4000K	4018 lm	32 W	70
	102-0782	LED-16/48W/2200K	4305 lm	48 W	70
	102-0783	LED-16/48W/2700K	4305 lm	48 W	80
	102-0783-70	LED-16/48W/2700K	4649.4 lm	48 W	70
	102-0784	LED-16/48W/3000K	4649.4 lm	48 W	80
	102-0784-70	LED-16/48W/3000K	5280.8 lm	48 W	70
	102-0785	LED-16/48W/4000K	4936.4 lm	48 W	80
	102-0785-70	LED-16/48W/4000K	5625.2 lm	48 W	70
	102-0434	LED-8/8W/2200K	926.2 lm	8 W	70
	102-0435	LED-8/8W/2700K	926.2 lm	8 W	80
	102-0435-70	LED-8/8W/2700K	990.1 lm	8 W	70
	102-0436	LED-8/8W/3000K	990.1 lm	8 W	80
	102-0436-70	LED-8/8W/3000K	1149.8 lm	8 W	70
	102-0437	LED-8/8W/4000K	1085.9 lm	8 W	80
	102-0437-70	LED-8/8W/4000K	1213.7 lm	8 W	70
	102-0530	LED-8/12W/2200K	1277.5 lm	12 W	70



[R60] rectangular, side throw

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	102-0531	LED-8/12W/2700K	1277.5 lm	12 W	80
	102-0531-70	LED-8/12W/2700K	1373.3 lm	12 W	70
	102-0532	LED-8/12W/3000K	1373.3 lm	12 W	80
	102-0532-70	LED-8/12W/3000K	1565 lm	12 W	70
	102-0533	LED-8/12W/4000K	1469.2 lm	12 W	80
	102-0533-70	LED-8/12W/4000K	1660.8 lm	12 W	70
	102-0626	LED-8/16W/2200K	1642.6 lm	16 W	70
	102-0627	LED-8/16W/2700K	1642.6 lm	16 W	80
	102-0627-70	LED-8/16W/2700K	1764.2 lm	16 W	70
	102-0628	LED-8/16W/3000K	1764.2 lm	16 W	80
	102-0628-70	LED-8/16W/3000K	2007.6 lm	16 W	70
	102-0629	LED-8/16W/4000K	1885.9 lm	16 W	80
	102-0629-70	LED-8/16W/4000K	2129.3 lm	16 W	70
	102-0722	LED-8/24W/2200K	2281.3 lm	24 W	70
	102-0723	LED-8/24W/2700K	2281.3 lm	24 W	80
	102-0723-70	LED-8/24W/2700K	2463.9 lm	24 W	70
	102-0724	LED-8/24W/3000K	2463.9 lm	24 W	80
	102-0724-70	LED-8/24W/3000K	2798.5 lm	24 W	70
	102-0725	LED-8/24W/4000K	2615.9 lm	24 W	80
	102-0725-70	LED-8/24W/4000K	2981 lm	24 W	70
	102-0482	LED-16/16W/2200K	1765.6 lm	16 W	70
	102-0483	LED-16/16W/2700K	1765.6 lm	16 W	80
	102-0483-70	LED-16/16W/2700K	1887.3 lm	16 W	70
	102-0484	LED-16/16W/3000K	1887.3 lm	16 W	80
	102-0484-70	LED-16/16W/3000K	2191.7 lm	16 W	70
	102-0485	LED-16/16W/4000K	2070 lm	16 W	80
	102-0485-70	LED-16/16W/4000K	2313.5 lm	16 W	70
	102-0578	LED-16/24W/2200K	2435.3 lm	24 W	70
	102-0579	LED-16/24W/2700K	2435.3 lm	24 W	80
	102-0579-70	LED-16/24W/2700K	2617.9 lm	24 W	70
	102-0580	LED-16/24W/3000K	2617.9 lm	24 W	80
	102-0580-70	LED-16/24W/3000K	2983.2 lm	24 W	70
	102-0581	LED-16/24W/4000K	2800.5 lm	24 W	80
	102-0581-70	LED-16/24W/4000K	3165.8 lm	24 W	70
	102-0674	LED-16/32W/2200K	3131.1 lm	32 W	70
	102-0675	LED-16/32W/2700K	3131.1 lm	32 W	80


Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	
	102-0675-70	LED-16/32W/2700K	3363.1 lm	32 W	70	
	102-0676	LED-16/32W/3000K	3363.1 lm	32 W	80	
	102-0676-70	LED-16/32W/3000K	3826.9 lm	32 W	70	
	102-0677	LED-16/32W/4000K	3595 lm	32 W	80	
	102-0677-70	LED-16/32W/4000K	4058.9 lm	32 W	70	
	102-0770	LED-16/48W/2200K	4348.8 lm	48 W	70	
	102-0771	LED-16/48W/2700K	4348.8 lm	48 W	80	
	102-0771-70	LED-16/48W/2700K	4696.7 lm	48 W	70	
	102-0772	LED-16/48W/3000K	4696.7 lm	48 W	80	
	102-0772-70	LED-16/48W/3000K	5334.5 lm	48 W	70	
	102-0773	LED-16/48W/4000K	4986.6 lm	48 W	80	
	102-0773-70	LED-16/48W/4000K	5682.4 lm	48 W	70	
	[S60] asymmetric, side throw	102-0422	LED-8/8W/2200K	1037.7 lm	8 W	70
		102-0423	LED-8/8W/2700K	1037.7 lm	8 W	80
	102-0423-70	LED-8/8W/2700K	1109.3 lm	8 W	70	
	102-0424	LED-8/8W/3000K	1109.3 lm	8 W	80	
	102-0424-70	LED-8/8W/3000K	1288.2 lm	8 W	70	
	102-0425	LED-8/8W/4000K	1216.6 lm	8 W	80	
	102-0425-70	LED-8/8W/4000K	1359.8 lm	8 W	70	
	102-0518	LED-8/12W/2200K	1431.3 lm	12 W	70	
	102-0519	LED-8/12W/2700K	1431.3 lm	12 W	80	
	102-0519-70	LED-8/12W/2700K	1538.7 lm	12 W	70	
	102-0520	LED-8/12W/3000K	1538.7 lm	12 W	80	
	102-0520-70	LED-8/12W/3000K	1753.4 lm	12 W	70	
	102-0521	LED-8/12W/4000K	1646 lm	12 W	80	
	102-0521-70	LED-8/12W/4000K	1860.7 lm	12 W	70	
	102-0614	LED-8/16W/2200K	1840.3 lm	16 W	70	
	102-0615	LED-8/16W/2700K	1840.3 lm	16 W	80	
	102-0615-70	LED-8/16W/2700K	1976.6 lm	16 W	70	
	102-0616	LED-8/16W/3000K	1976.6 lm	16 W	80	
	102-0616-70	LED-8/16W/3000K	2249.3 lm	16 W	70	
	102-0617	LED-8/16W/4000K	2113 lm	16 W	80	
	102-0710	LED-8/24W/2200K	2556 lm	24 W	70	
	102-0711	LED-8/24W/2700K	2556 lm	24 W	80	
	102-0711-70	LED-8/24W/2700K	2760.5 lm	24 W	70	
	102-0712	LED-8/24W/3000K	2760.5 lm	24 W	80	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	102-0712-70	LED-8/24W/3000K	3135.4 lm	24 W	70
	102-0713	LED-8/24W/4000K	2930.9 lm	24 W	80
	102-0713-70	LED-8/24W/4000K	3339.8 lm	24 W	70
	102-0470	LED-16/16W/2200K	2009.4 lm	16 W	70
	102-0471	LED-16/16W/2700K	2009.4 lm	16 W	80
	102-0471-70	LED-16/16W/2700K	2147.9 lm	16 W	70
	102-0472	LED-16/16W/3000K	2147.9 lm	16 W	80
	102-0472-70	LED-16/16W/3000K	2494.4 lm	16 W	70
	102-0473	LED-16/16W/4000K	2355.8 lm	16 W	80
	102-0473-70	LED-16/16W/4000K	2633 lm	16 W	70
	102-0566	LED-16/24W/2200K	2771.5 lm	24 W	70
	102-0567	LED-16/24W/2700K	2771.5 lm	24 W	80
	102-0567-70	LED-16/24W/2700K	2979.4 lm	24 W	70
	102-0568	LED-16/24W/3000K	2979.4 lm	24 W	80
	102-0568-70	LED-16/24W/3000K	3395.1 lm	24 W	70
	102-0569	LED-16/24W/4000K	3187.3 lm	24 W	80
	102-0569-70	LED-16/24W/4000K	3603 lm	24 W	70
	102-0662	LED-16/32W/2200K	3597.7 lm	32 W	70
	102-0663	LED-16/32W/2700K	3597.7 lm	32 W	80
	102-0663-70	LED-16/32W/2700K	3864.2 lm	32 W	70
	102-0664	LED-16/32W/3000K	3864.2 lm	32 W	80
	102-0664-70	LED-16/32W/3000K	4397.2 lm	32 W	70
	102-0665	LED-16/32W/4000K	4130.7 lm	32 W	80
	102-0665-70	LED-16/32W/4000K	4663.7 lm	32 W	70
	102-0758	LED-16/48W/2200K	4996.8 lm	48 W	70
	102-0759	LED-16/48W/2700K	4996.8 lm	48 W	80
	102-0759-70	LED-16/48W/2700K	5396.6 lm	48 W	70
	102-0760	LED-16/48W/3000K	5396.6 lm	48 W	80
	102-0760-70	LED-16/48W/3000K	6129.4 lm	48 W	70
	102-0761	LED-16/48W/4000K	5729.7 lm	48 W	80
	102-0761-70	LED-16/48W/4000K	6529.2 lm	48 W	70
	102-0426	LED-8/8W/2200K	1078.9 lm	8 W	70
	102-0427	LED-8/8W/2700K	1078.9 lm	8 W	80
	102-0427-70	LED-8/8W/2700K	1153.3 lm	8 W	70
	102-0428	LED-8/8W/3000K	1153.3 lm	8 W	80
	102-0428-70	LED-8/8W/3000K	1339.4 lm	8 W	70



[S65] asymmetric, side throw

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	102-0429	LED-8/8W/4000K	1265 lm	8 W	80
	102-0429-70	LED-8/8W/4000K	1413.8 lm	8 W	70
	102-0522	LED-8/12W/2200K	1488.2 lm	12 W	70
	102-0523	LED-8/12W/2700K	1488.2 lm	12 W	80
	102-0523-70	LED-8/12W/2700K	1599.8 lm	12 W	70
	102-0524	LED-8/12W/3000K	1599.8 lm	12 W	80
	102-0524-70	LED-8/12W/3000K	1823 lm	12 W	70
	102-0525	LED-8/12W/4000K	1711.4 lm	12 W	80
	102-0525-70	LED-8/12W/4000K	1934.6 lm	12 W	70
	102-0618	LED-8/16W/2200K	1913.4 lm	16 W	70
	102-0619	LED-8/16W/2700K	1913.4 lm	16 W	80
	102-0619-70	LED-8/16W/2700K	2055.2 lm	16 W	70
	102-0620	LED-8/16W/3000K	2055.2 lm	16 W	80
	102-0620-70	LED-8/16W/3000K	2338.6 lm	16 W	70
	102-0621	LED-8/16W/4000K	2196.9 lm	16 W	80
	102-0621-70	LED-8/16W/4000K	2480.4 lm	16 W	70
	102-0714	LED-8/24W/2200K	2657.5 lm	24 W	70
	102-0715	LED-8/24W/2700K	2657.5 lm	24 W	80
	102-0715-70	LED-8/24W/2700K	2870.1 lm	24 W	70
	102-0716	LED-8/24W/3000K	2870.1 lm	24 W	80
	102-0716-70	LED-8/24W/3000K	3259.9 lm	24 W	70
	102-0717	LED-8/24W/4000K	3047.3 lm	24 W	80
	102-0717-70	LED-8/24W/4000K	3472.5 lm	24 W	70
	102-0474	LED-16/16W/2200K	2051.3 lm	16 W	70
	102-0475	LED-16/16W/2700K	2051.3 lm	16 W	80
	102-0475-70	LED-16/16W/2700K	2192.8 lm	16 W	70
	102-0476	LED-16/16W/3000K	2192.8 lm	16 W	80
	102-0476-70	LED-16/16W/3000K	2546.5 lm	16 W	70
	102-0477	LED-16/16W/4000K	2405 lm	16 W	80
	102-0477-70	LED-16/16W/4000K	2687.9 lm	16 W	70
	102-0570	LED-16/24W/2200K	2829.4 lm	24 W	70
	102-0571	LED-16/24W/2700K	2829.4 lm	24 W	80
	102-0571-70	LED-16/24W/2700K	3041.6 lm	24 W	70
	102-0572	LED-16/24W/3000K	3041.6 lm	24 W	80
	102-0572-70	LED-16/24W/3000K	3466 lm	24 W	70
	102-0573	LED-16/24W/4000K	3253.8 lm	24 W	80

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 [S70] asymmetric, side throw	102-0573-70	LED-16/24W/4000K	3678.2 lm	24 W	70
	102-0666	LED-16/32W/2200K	3637.9 lm	32 W	70
	102-0667-70	LED-16/32W/2700K	3907.4 lm	32 W	70
	102-0667	LED-16/32W/2700K	3637.9 lm	32 W	80
	102-0668	LED-16/32W/3000K	3907.4 lm	32 W	80
	102-0668-70	LED-16/32W/3000K	4446.3 lm	32 W	70
	102-0669	LED-16/32W/4000K	4176.8 lm	32 W	80
	102-0669-70	LED-16/32W/4000K	4715.8 lm	32 W	70
	102-0762	LED-16/48W/2200K	5052.6 lm	48 W	70
	102-0763	LED-16/48W/2700K	5052.6 lm	48 W	80
	102-0763-70	LED-16/48W/2700K	5456.8 lm	48 W	70
	102-0764	LED-16/48W/3000K	5456.8 lm	48 W	80
	102-0764-70	LED-16/48W/3000K	6197.9 lm	48 W	70
	102-0765	LED-16/48W/4000K	5793.7 lm	48 W	80
	102-0765-70	LED-16/48W/4000K	6602.1 lm	48 W	70
	102-0430	LED-8/8W/2200K	989.9 lm	8 W	70
	102-0431	LED-8/8W/2700K	989.9 lm	8 W	80
	102-0432	LED-8/8W/3000K	1058.1 lm	8 W	80
	102-0433	LED-8/8W/4000K	1160.5 lm	8 W	80
	102-0526	LED-8/12W/2200K	1365.3 lm	12 W	70
	102-0527	LED-8/12W/2700K	1365.3 lm	12 W	80
	102-0528	LED-8/12W/3000K	1467.7 lm	12 W	80
	102-0529	LED-8/12W/4000K	1570.1 lm	12 W	80
	102-0622	LED-8/16W/2200K	1755.4 lm	16 W	70
	102-0623	LED-8/16W/2700K	1755.4 lm	16 W	80
	102-0624	LED-8/16W/3000K	1885.5 lm	16 W	80
	102-0625	LED-8/16W/4000K	2015.5 lm	16 W	80
	102-0718	LED-8/24W/2200K	2438.1 lm	24 W	70
	102-0719	LED-8/24W/2700K	2438.1 lm	24 W	80
	102-0720	LED-8/24W/3000K	2633.2 lm	24 W	80
	102-0721	LED-8/24W/4000K	2795.7 lm	24 W	80
	102-0478	LED-16/16W/2200K	1894.2 lm	16 W	70
	102-0479	LED-16/16W/2700K	1894.2 lm	16 W	80
	102-0480	LED-16/16W/3000K	2024.9 lm	16 W	80
	102-0481	LED-16/16W/4000K	2220.8 lm	16 W	80
	102-0574	LED-16/24W/2200K	2612.7 lm	24 W	70

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	102-0575	LED-16/24W/2700K	2612.7 lm	24 W	80
	102-0576	LED-16/24W/3000K	2808.7 lm	24 W	80
	102-0577	LED-16/24W/4000K	3004.6 lm	24 W	80
	102-0670	LED-16/32W/2200K	3359.3 lm	32 W	70
	102-0671	LED-16/32W/2700K	3359.3 lm	32 W	80
	102-0672	LED-16/32W/3000K	3608.1 lm	32 W	80
	102-0673	LED-16/32W/4000K	3857 lm	32 W	80
	102-0766	LED-16/48W/2200K	4665.7 lm	48 W	70
	102-0767	LED-16/48W/2700K	4665.7 lm	48 W	80
	102-0768	LED-16/48W/3000K	5038.9 lm	48 W	80
	102-0769	LED-16/48W/4000K	5350 lm	48 W	80