

#### Description

IP66, Class I. Class II on request. IK08. Marine-grade die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. Safety glass lens, hinged. PMMA OLC® optics for superior illumination and glare control.

Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering.

Brackets to be ordered separately.

## Specifications

### Material description

Body	Marine-grade, die-cast aluminium alloy			
Lens	Safety glass lens, hinged			
Colours	<b>RAL9004</b> Signal black	<b>RAL9006</b> White aluminium	<b>RAL9016</b> Traffic white	<b>RAL7016</b> Anthracite grey
	<b>RAL9007</b> Grey aluminium			
Fasteners	PCS Polymer Coated Stainless Steel Hardware			
Ingress protection	IP66			
Impact resistance	IK08			
Corrosion resistance	5CE			

### Electrical description

Power supply	220-240V / 50-60 Hz
Driver / Ballast	Integral EC electronic converter. DALI
Surge protection	6/6 kV (optional SP10)
Energy efficiency	C-D (Light source)

### Additional information

Windage	0.075 m <sup>2</sup>
Lifetime	Ta=25° L90B10 > 90000h

## Options

### Light distribution

 [S65] asymmetric, side throw

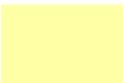
 [R65]

 [A60] asymmetric, forward throw

 [P45R]

### Colour temperature

 3000K

 4000K

 2700K

### Nominal Watt

36 W

48 W

54 W

72 W

## Configurations

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
 <p>[A60] asymmetric, forward throw</p>	108-2512	LED-18/36W/2700K	3630.5 lm	36 W	80
	108-2512-70	LED-18/36W/2700K	3899.5 lm	36 W	70
	108-1703	LED-18/36W/3000K	3899.5 lm	36 W	80
	108-1703-70	LED-18/36W/3000K	4437.3 lm	36 W	70
	108-1704	LED-18/36W/4000K	4168.4 lm	36 W	80
	108-1704-70	LED-18/36W/4000K	4706.3 lm	36 W	70
	108-2513	LED-18/54W/2700K	5513 lm	54 W	80
	108-2513-70	LED-18/54W/2700K	6319.8 lm	54 W	70
	108-1691	LED-18/54W/3000K	5782 lm	54 W	80
	108-1691-70	LED-18/54W/3000K	6588.8 lm	54 W	70
	108-1692	LED-18/54W/4000K	6050.9 lm	54 W	80
	108-1692-70	LED-18/54W/4000K	6857.7 lm	54 W	70
	108-2514	LED-24/48W/2700K	4840.7 lm	48 W	80
	108-2514-70	LED-24/48W/2700K	5199.3 lm	48 W	70
	108-1681	LED-24/48W/3000K	5199.3 lm	48 W	80
	108-1681-70	LED-24/48W/3000K	5916.4 lm	48 W	70
	108-1682	LED-24/48W/4000K	5557.9 lm	48 W	80
	108-1682-70	LED-24/48W/4000K	6275 lm	48 W	70
	108-2515	LED-24/72W/2700K	7350.7 lm	72 W	80
	108-2515-70	LED-24/72W/2700K	8426.4 lm	72 W	70
108-1638	LED-24/72W/3000K	7709.3 lm	72 W	80	
108-1638-70	LED-24/72W/3000K	8785 lm	72 W	70	
108-1643	LED-24/72W/4000K	8067.9 lm	72 W	80	
108-1643-70	LED-24/72W/4000K	9143.6 lm	72 W	70	
 <p>[P45R]</p>	108-2516	LED-24/72W/2700K	7943.3 lm	72 W	80
	108-2516-70	LED-24/72W/2700K	8732 lm	72 W	70
	108-1981	LED-24/72W/3000K	8330.8 lm	72 W	80
	108-1981-70	LED-24/72W/3000K	9103.6 lm	72 W	70
	108-1982	LED-24/72W/4000K	8718.3 lm	72 W	80
	108-1982-70	LED-24/72W/4000K	9475.2 lm	72 W	70
	108-2508	LED-18/36W/2700K	3547.9 lm	36 W	80
	108-2508-70	LED-18/36W/2700K	3810.7 lm	36 W	70
	108-1701	LED-18/36W/3000K	3810.7 lm	36 W	80
	108-1701-70	LED-18/36W/3000K	4336.3 lm	36 W	70

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI	
[R65]	108-1702	LED-18/36W/4000K	4073.5 lm	36 W	80	
	108-1702-70	LED-18/36W/4000K	4599.1 lm	36 W	70	
	108-2509	LED-18/54W/2700K	5387.5 lm	54 W	80	
	108-2509-70	LED-18/54W/2700K	6175.9 lm	54 W	70	
	108-1689	LED-18/54W/3000K	5650.3 lm	54 W	80	
	108-1689-70	LED-18/54W/3000K	6438.7 lm	54 W	70	
	108-1690	LED-18/54W/4000K	5913.1 lm	54 W	80	
	108-1690-70	LED-18/54W/4000K	6701.5 lm	54 W	70	
	108-2510	LED-24/48W/2700K	4730.5 lm	48 W	80	
	108-2510-70	LED-24/48W/2700K	5080.9 lm	48 W	70	
	108-1679	LED-24/48W/3000K	5080.9 lm	48 W	80	
	108-1679-70	LED-24/48W/3000K	5781.7 lm	48 W	70	
	108-1680	LED-24/48W/4000K	5431.3 lm	48 W	80	
	108-1680-70	LED-24/48W/4000K	6132.1 lm	48 W	70	
	108-2511	LED-24/72W/2700K	7183.4 lm	72 W	80	
	108-2511-70	LED-24/72W/2700K	8234.6 lm	72 W	70	
	108-1634	LED-24/72W/3000K	7533.8 lm	72 W	80	
	108-1634-70	LED-24/72W/3000K	8585 lm	72 W	70	
	108-1639	LED-24/72W/4000K	7884.2 lm	72 W	80	
	108-1639-70	LED-24/72W/4000K	8935.4 lm	72 W	70	
	 [S65] asymmetric, side throw	108-2504	LED-18/36W/2700K	3894.3 lm	36 W	80
		108-2504-70	LED-18/36W/2700K	4182.7 lm	36 W	70
		108-1699	LED-18/36W/3000K	4182.7 lm	36 W	80
		108-1699-70	LED-18/36W/3000K	4759.7 lm	36 W	70
		108-1700	LED-18/36W/4000K	4471.2 lm	36 W	80
		108-1700-70	LED-18/36W/4000K	5048.1 lm	36 W	70
108-2505		LED-18/54W/2700K	5913.5 lm	54 W	80	
108-2505-70		LED-18/54W/2700K	6778.9 lm	54 W	70	
108-1687		LED-18/54W/3000K	6202 lm	54 W	80	
108-1687-70		LED-18/54W/3000K	7067.4 lm	54 W	70	
108-1688		LED-18/54W/4000K	6490.5 lm	54 W	80	
108-1688-70		LED-18/54W/4000K	7355.9 lm	54 W	70	
108-2506		LED-24/48W/2700K	5192.4 lm	48 W	80	
108-2506-70		LED-24/48W/2700K	5577 lm	48 W	70	
108-1677		LED-24/48W/3000K	5577 lm	48 W	80	
108-1677-70		LED-24/48W/3000K	6346.2 lm	48 W	70	

Light distribution	Part ID	Light source	Rated lumens	Rated input power	CRI
	108-1678	LED-24/48W/4000K	5961.6 lm	48 W	80
	108-1678-70	LED-24/48W/4000K	6730.9 lm	48 W	70
	108-2507	LED-24/72W/2700K	7884.7 lm	72 W	80
	108-2507-70	LED-24/72W/2700K	9038.6 lm	72 W	70
	108-1635	LED-24/72W/3000K	8269.3 lm	72 W	80
	108-1635-70	LED-24/72W/3000K	9423.2 lm	72 W	70
	108-1641	LED-24/72W/4000K	8654 lm	72 W	80
	108-1641-70	LED-24/72W/4000K	9807.8 lm	72 W	70