

Description

IP66, Class I or Class II. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. RFC® Reflection Free Contour main lens. Integral EC electronic converter. DALI. CAD-optimised OLC® One LED Concept optics for superior illumination and glare control. Factory installed LED circuit board. The luminaire is factory-sealed and does not need to be opened during installation.

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

The optional brackets RM are required for mounting. To be ordered separately.

Specifications

Material description

| | | | | |
|----------------------|---|-----------------------------------|---------------------------------|-----------------------------------|
| Body | Marine-grade, die-cast aluminium alloy | | | |
| Lens | RFC® Reflection Free Contour technology | | | |
| Colours | RAL9004 Signal black | RAL9006 White aluminium | RAL9016 Traffic white | RAL7016 Anthracite grey |
| | RAL9007 Grey aluminium | | | |
| Gasket | Silicone CCG® Controlled Compression Gasket | | | |
| 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 | 0.046 m ² |
| Lifetime | Ta=25° L90B10 > 90000h |


Options

Light distribution

 [S60] asymmetric, side throw

 [S65] asymmetric, side throw

 [S70] asymmetric, side throw

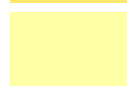
 [A60] asymmetric, forward throw

 [R65]

 [P65] pedestrian/bicycle lane

Colour temperature

 3000K

 4000K

 2700K

Nominal Watt



18 W

36 W

54 W

78 W



Configurations

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI |
|---|------------------|------------------|--------------|-------------------|-----|
|  <p>[A60] asymmetric, forward throw</p> | 105-0222 | LED-18/18W/2700K | 2114.7 lm | 18 W | 80 |
| | 105-0222-70 | LED-18/18W/2700K | 2260.5 lm | 18 W | 70 |
| | 105-9816 | LED-18/18W/3000K | 2260.5 lm | 18 W | 80 |
| | 105-9816-70 | LED-18/18W/3000K | 2625.1 lm | 18 W | 70 |
| | 105-9820 | LED-18/18W/4000K | 2479.3 lm | 18 W | 80 |
| | 105-9820-70 | LED-18/18W/4000K | 2771 lm | 18 W | 70 |
| | 105-0223 | LED-18/36W/2700K | 3750.2 lm | 36 W | 80 |
| | 105-7149-70 | LED-18/36W/2700K | 4028 lm | 36 W | 70 |
| | 105-0223-70 | LED-18/36W/2700K | 4028 lm | 36 W | 70 |
| | 105-9817 | LED-18/36W/3000K | 4028 lm | 36 W | 80 |
| | 105-9817-70 | LED-18/36W/3000K | 4583.6 lm | 36 W | 70 |
| | 105-9821 | LED-18/36W/4000K | 4305.8 lm | 36 W | 80 |
| | 105-9821-70 | LED-18/36W/4000K | 4861.4 lm | 36 W | 70 |
| | 105-0224 | LED-18/54W/2700K | 5873.6 lm | 54 W | 80 |
| | 105-7155-70 | LED-18/54W/2700K | 6733.2 lm | 54 W | 70 |
| | 105-0224-70 | LED-18/54W/2700K | 6733.2 lm | 54 W | 70 |
| | 105-9818 | LED-18/54W/3000K | 6160.2 lm | 54 W | 80 |
| | 105-9818-70 | LED-18/54W/3000K | 7019.7 lm | 54 W | 70 |
| | 105-9822 | LED-18/54W/4000K | 6446.7 lm | 54 W | 80 |
| | 105-9822-70 | LED-18/54W/4000K | 7306.2 lm | 54 W | 70 |
| 105-7161-70 | LED-18/78W/2700K | 8165.8 lm | 78 W | 70 | |
| 105-9819 | LED-18/78W/3000K | 7485.3 lm | 78 W | 80 | |
| 105-9819-70 | LED-18/78W/3000K | 8506.1 lm | 78 W | 70 | |
| 105-9823 | LED-18/78W/4000K | 7825.6 lm | 78 W | 80 | |
| 105-9823-70 | LED-18/78W/4000K | 8846.3 lm | 78 W | 70 | |
|  <p>[P65] pedestrian/bicycle lane</p> | 105-0225 | LED-18/18W/2700K | 2152.3 lm | 18 W | 80 |
| | 105-7145-70 | LED-18/18W/2700K | 2300.8 lm | 18 W | 70 |
| | 105-0225-70 | LED-18/18W/2700K | 2300.8 lm | 18 W | 70 |
| | 105-0100 | LED-18/18W/3000K | 2300.8 lm | 18 W | 80 |
| | 105-0100-70 | LED-18/18W/3000K | 2671.8 lm | 18 W | 70 |
| | 105-0101 | LED-18/18W/4000K | 2523.4 lm | 18 W | 80 |
| | 105-0101-70 | LED-18/18W/4000K | 2820.3 lm | 18 W | 70 |
| | 105-0226 | LED-18/36W/2700K | 3891 lm | 36 W | 80 |
| | 105-7151-70 | LED-18/36W/2700K | 4179.3 lm | 36 W | 70 |

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI |
|--------------------|-------------|------------------|--------------|-------------------|-----|
| | 105-0226-70 | LED-18/36W/2700K | 4179.3 lm | 36 W | 70 |
| | 105-0102 | LED-18/36W/3000K | 4179.3 lm | 36 W | 80 |
| | 105-0102-70 | LED-18/36W/3000K | 4755.7 lm | 36 W | 70 |
| | 105-0103 | LED-18/36W/4000K | 4467.5 lm | 36 W | 80 |
| | 105-0103-70 | LED-18/36W/4000K | 5043.9 lm | 36 W | 70 |
| | 105-0227 | LED-18/54W/2700K | 6116 lm | 54 W | 80 |
| | 105-0227-70 | LED-18/54W/2700K | 7011 lm | 54 W | 70 |
| | 105-0104 | LED-18/54W/3000K | 6414.3 lm | 54 W | 80 |
| | 105-0104-70 | LED-18/54W/3000K | 7309.4 lm | 54 W | 70 |
| | 105-0105 | LED-18/54W/4000K | 6712.7 lm | 54 W | 80 |
| | 105-0105-70 | LED-18/54W/4000K | 7607.7 lm | 54 W | 70 |
| | 105-7163-70 | LED-18/78W/2700K | 8950.2 lm | 78 W | 70 |
| | 105-7101-70 | LED-18/78W/4000K | 9696.1 lm | 78 W | 70 |
| | 105-0219 | LED-18/18W/2700K | 2170.4 lm | 18 W | 80 |
| | 105-7144-70 | LED-18/18W/2700K | 2320.1 lm | 18 W | 70 |
| | 105-0219-70 | LED-18/18W/2700K | 2320.1 lm | 18 W | 70 |
| | 105-9831 | LED-18/18W/3000K | 2320.1 lm | 18 W | 80 |
| | 105-9831-70 | LED-18/18W/3000K | 2694.3 lm | 18 W | 70 |
| | 105-9835 | LED-18/18W/4000K | 2544.7 lm | 18 W | 80 |
| | 105-9835-70 | LED-18/18W/4000K | 2844 lm | 18 W | 70 |
| | 105-0220 | LED-18/36W/2700K | 3849.1 lm | 36 W | 80 |
| | 105-7150-70 | LED-18/36W/2700K | 4134.2 lm | 36 W | 70 |
| | 105-0220-70 | LED-18/36W/2700K | 4134.2 lm | 36 W | 70 |
| | 105-9832 | LED-18/36W/3000K | 4134.2 lm | 36 W | 80 |
| | 105-9832-70 | LED-18/36W/3000K | 4704.5 lm | 36 W | 70 |
| | 105-9836 | LED-18/36W/4000K | 4419.4 lm | 36 W | 80 |
| | 105-9836-70 | LED-18/36W/4000K | 4989.6 lm | 36 W | 70 |
| | 105-0221 | LED-18/54W/2700K | 6003.7 lm | 54 W | 80 |
| | 105-7156-70 | LED-18/54W/2700K | 6882.2 lm | 54 W | 70 |
| | 105-0221-70 | LED-18/54W/2700K | 6882.2 lm | 54 W | 70 |
| | 105-9833 | LED-18/54W/3000K | 6296.5 lm | 54 W | 80 |
| | 105-9833-70 | LED-18/54W/3000K | 7175.1 lm | 54 W | 70 |
| | 105-9837 | LED-18/54W/4000K | 6589.4 lm | 54 W | 80 |
| | 105-9837-70 | LED-18/54W/4000K | 7468 lm | 54 W | 70 |
| | 105-7162-70 | LED-18/78W/2700K | 8346.6 lm | 78 W | 70 |
| | 105-9834-70 | LED-18/78W/3000K | 8694.4 lm | 78 W | 70 |



[R65]

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI |
|--|------------------|------------------|--------------|-------------------|-----|
|  <p>[S60] asymmetric, side throw</p> | 105-9838-70 | LED-18/78W/4000K | 9042.1 lm | 78 W | 70 |
| | 105-0210 | LED-18/18W/2700K | 2317.9 lm | 18 W | 80 |
| | 105-0210-70 | LED-18/18W/2700K | 2477.7 lm | 18 W | 70 |
| | 105-9771 | LED-18/18W/3000K | 2477.7 lm | 18 W | 80 |
| | 105-9771-70 | LED-18/18W/3000K | 2877.4 lm | 18 W | 70 |
| | 105-9775 | LED-18/18W/4000K | 2717.5 lm | 18 W | 80 |
| | 105-9775-70 | LED-18/18W/4000K | 3037.2 lm | 18 W | 70 |
| | 105-0211 | LED-18/36W/2700K | 4110.6 lm | 36 W | 80 |
| | 105-7146-70 | LED-18/36W/2700K | 4415.1 lm | 36 W | 70 |
| | 105-0211-70 | LED-18/36W/2700K | 4415.1 lm | 36 W | 70 |
| | 105-9772 | LED-18/36W/3000K | 4415.1 lm | 36 W | 80 |
| | 105-9772-70 | LED-18/36W/3000K | 5024.1 lm | 36 W | 70 |
| | 105-9776 | LED-18/36W/4000K | 4719.6 lm | 36 W | 80 |
| | 105-9776-70 | LED-18/36W/4000K | 5328.6 lm | 36 W | 70 |
| | 105-0212 | LED-18/54W/2700K | 6493.6 lm | 54 W | 80 |
| | 105-7152-70 | LED-18/54W/2700K | 7443.8 lm | 54 W | 70 |
| | 105-0212-70 | LED-18/54W/2700K | 7443.8 lm | 54 W | 70 |
| | 105-9773 | LED-18/54W/3000K | 6810.3 lm | 54 W | 80 |
| | 105-9773-70 | LED-18/54W/3000K | 7760.6 lm | 54 W | 70 |
| | 105-9777 | LED-18/54W/4000K | 7127.1 lm | 54 W | 80 |
| 105-9777-70 | LED-18/54W/4000K | 8077.4 lm | 54 W | 70 | |
| 105-7158-70 | LED-18/78W/2700K | 9027.5 lm | 78 W | 70 | |
| 105-9774 | LED-18/78W/3000K | 8275.2 lm | 78 W | 80 | |
| 105-9774-70 | LED-18/78W/3000K | 9403.7 lm | 78 W | 70 | |
| 105-9778 | LED-18/78W/4000K | 8651.4 lm | 78 W | 80 | |
| 105-9778-70 | LED-18/78W/4000K | 9779.8 lm | 78 W | 70 | |
|  <p>[S65] asymmetric, side throw</p> | 105-0213 | LED-18/18W/2700K | 2356.9 lm | 18 W | 80 |
| | 105-7141-70 | LED-18/18W/2700K | 2519.4 lm | 18 W | 70 |
| | 105-0213-70 | LED-18/18W/2700K | 2519.4 lm | 18 W | 70 |
| | 105-9786 | LED-18/18W/3000K | 2519.4 lm | 18 W | 80 |
| | 105-9786-70 | LED-18/18W/3000K | 2925.8 lm | 18 W | 70 |
| | 105-9790 | LED-18/18W/4000K | 2763.2 lm | 18 W | 80 |
| | 105-9790-70 | LED-18/18W/4000K | 3088.3 lm | 18 W | 70 |
| | 105-0214 | LED-18/36W/2700K | 4179.7 lm | 36 W | 80 |
| | 105-7147-70 | LED-18/36W/2700K | 4489.4 lm | 36 W | 70 |
| | 105-0214-70 | LED-18/36W/2700K | 4489.4 lm | 36 W | 70 |

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI |
|--------------------|-------------|------------------|--------------|-------------------|-----|
| | 105-9787 | LED-18/36W/3000K | 4489.4 lm | 36 W | 80 |
| | 105-9787-70 | LED-18/36W/3000K | 5108.6 lm | 36 W | 70 |
| | 105-9791 | LED-18/36W/4000K | 4799 lm | 36 W | 80 |
| | 105-9791-70 | LED-18/36W/4000K | 5418.2 lm | 36 W | 70 |
| | 105-0215 | LED-18/54W/2700K | 6638 lm | 54 W | 80 |
| | 105-7153-70 | LED-18/54W/2700K | 7609.5 lm | 54 W | 70 |
| | 105-0215-70 | LED-18/54W/2700K | 7609.5 lm | 54 W | 70 |
| | 105-9788 | LED-18/54W/3000K | 6961.8 lm | 54 W | 80 |
| | 105-9788-70 | LED-18/54W/3000K | 7933.3 lm | 54 W | 70 |
| | 105-9792 | LED-18/54W/4000K | 7285.6 lm | 54 W | 80 |
| | 105-9792-70 | LED-18/54W/4000K | 8257.1 lm | 54 W | 70 |
| | 105-7159-70 | LED-18/78W/2700K | 9228.3 lm | 78 W | 70 |
| | 105-9789-70 | LED-18/78W/3000K | 9612.9 lm | 78 W | 70 |
| | 105-9793 | LED-18/78W/4000K | 8843.8 lm | 78 W | 80 |
| | 105-9793-70 | LED-18/78W/4000K | 9997.4 lm | 78 W | 70 |
| | 105-0216 | LED-18/18W/2700K | 2318.3 lm | 18 W | 80 |
| | 105-0216-70 | LED-18/18W/2700K | 2478.2 lm | 18 W | 70 |
| | 105-9801 | LED-18/18W/3000K | 2478.2 lm | 18 W | 80 |
| | 105-9801-70 | LED-18/18W/3000K | 2877.9 lm | 18 W | 70 |
| | 105-9805 | LED-18/18W/4000K | 2718 lm | 18 W | 80 |
| | 105-9805-70 | LED-18/18W/4000K | 3037.8 lm | 18 W | 70 |
| | 105-0217 | LED-18/36W/2700K | 4111.3 lm | 36 W | 80 |
| | 105-7148-70 | LED-18/36W/2700K | 4415.9 lm | 36 W | 70 |
| | 105-0217-70 | LED-18/36W/2700K | 4415.9 lm | 36 W | 70 |
| | 105-9802 | LED-18/36W/3000K | 4415.9 lm | 36 W | 80 |
| | 105-9802-70 | LED-18/36W/3000K | 5024.9 lm | 36 W | 70 |
| | 105-9806 | LED-18/36W/4000K | 4720.4 lm | 36 W | 80 |
| | 105-9806-70 | LED-18/36W/4000K | 5329.5 lm | 36 W | 70 |
| | 105-0218 | LED-18/54W/2700K | 6464.7 lm | 54 W | 80 |
| | 105-7154-70 | LED-18/54W/2700K | 7410.8 lm | 54 W | 70 |
| | 105-0218-70 | LED-18/54W/2700K | 7410.8 lm | 54 W | 70 |
| | 105-9803 | LED-18/54W/3000K | 6780.1 lm | 54 W | 80 |
| | 105-9803-70 | LED-18/54W/3000K | 7726.1 lm | 54 W | 70 |
| | 105-9807 | LED-18/54W/4000K | 7095.4 lm | 54 W | 80 |
| | 105-9807-70 | LED-18/54W/4000K | 8041.5 lm | 54 W | 70 |
| | 105-7160-70 | LED-18/78W/2700K | 8987.6 lm | 78 W | 70 |



[S70] asymmetric, side throw

| Light distribution | Part ID | Light source | Rated lumens | Rated input power | CRI |
|--------------------|-------------|------------------|--------------|-------------------|-----|
| | 105-9804-70 | LED-18/78W/3000K | 9362 lm | 78 W | 70 |
| | 105-9812-70 | LED-18/78W/4000K | 9736.5 lm | 78 W | 70 |
