



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.

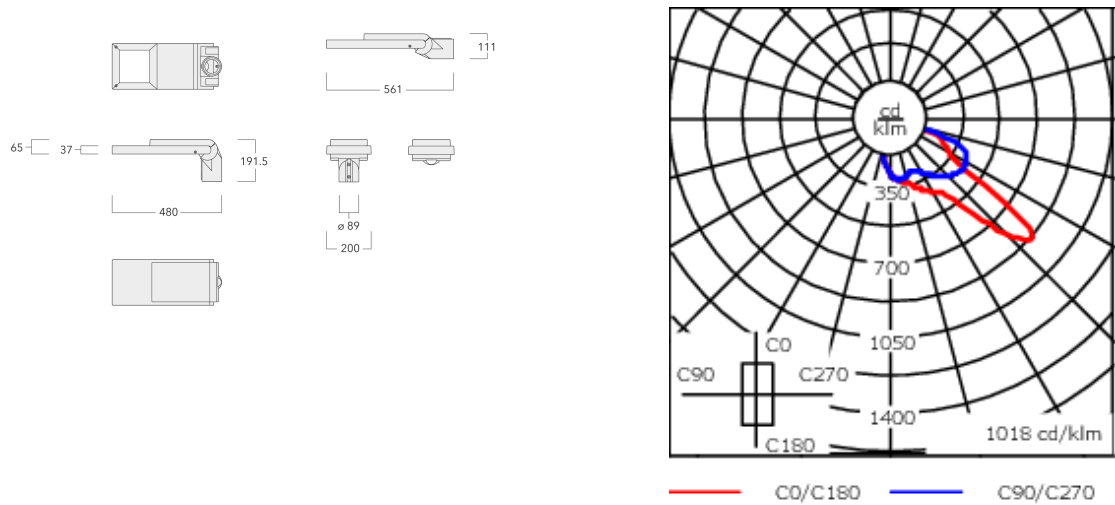
Suitable for using as post top or side entry version. Recommend to be specified at time of ordering.

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

|                    |                                                |
|--------------------|------------------------------------------------|
| Weight             | 4.70 kg                                        |
| Light distribution | pedestrian crossing, right-hand traffic [P46R] |
| Light source       | LED-8/8W / 350 mA - 2700K                      |
| CRI                | 80                                             |
| Power supply       | EC                                             |
| LEDs               | 8                                              |
| Rated input power  | 9.5 W                                          |

| Nominal Lumen (lm) |      |
|--------------------|------|
| LED Lumen          | 145  |
| Total Lumen        | 1160 |
| Tj                 | 85   |

| Rated lumens (lm) |        |
|-------------------|--------|
| LED Lumen         | 133.3  |
| Total Lumen       | 1066.4 |
| Ta                | 25     |



## Specifications

### Material description

|                      |                                                                                                                                                                                       |
|----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body                 | Marine-grade, die-cast aluminium alloy                                                                                                                                                |
| Lens                 | Non-reflective safety glass lens                                                                                                                                                      |
| Colours              | <div><div></div> RAL9004 Signal black</div> <div><div></div> RAL9007 Grey aluminium</div> <div><div></div> RAL7016 Anthracite grey</div> <div><div></div> RAL9016 Traffic white</div> |
| Gasket               | CCG® Controlled Compression Gasket                                                                                                                                                    |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware                                                                                                                                           |
| Ingress protection   | IP66                                                                                                                                                                                  |
| Impact resistance    | IK08                                                                                                                                                                                  |
| Corrosion resistance | 5CE                                                                                                                                                                                   |
| Windage              | 0.092 m <sup>2</sup>                                                                                                                                                                  |

### Electrical description

|                  |                                        |
|------------------|----------------------------------------|
| Driver / Ballast | Integral EC electronic converter. DALI |
| Power factor     | > 0.9                                  |
| Surge protection | 6/6kV, optional 10kV                   |

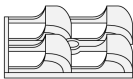
### Additional information

|          |                        |
|----------|------------------------|
| Lifetime | Ta=25° L90B10 > 90000h |
|----------|------------------------|

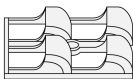
Optical Accessories

Backlight shield

| Description            | Part ID       | Additional information                                                                                                                                                                                             |
|------------------------|---------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Backlight shield LS180 | 102-0395-8LED | Glare Shield for backlight spill. Suitable for AFL110 8 LED [S61], [S66], [R61], [P66] [Q66], [A61] lenses.<br>Glare Shield factory-installed or available as retrofit kit. Must be specified at time of ordering. |

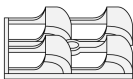


|                        |                |                                                                                                                                                                                                                     |
|------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Backlight shield LS180 | 102-0395-16LED | Glare Shield for backlight spill. Suitable for AFL110 16 LED [S61], [S66], [R61], [P66] [Q66], [A61] lenses.<br>Glare Shield factory-installed or available as retrofit kit. Must be specified at time of ordering. |
|------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

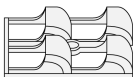


AFL110 LED

| Description            | Part ID       | Additional information                                                                                                                                                                 |
|------------------------|---------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Backlight shield LS180 | 102-0959-8LED | Glare Shield for backlight spill. Suitable for AFL110 8 LED [S65] [R60] lenses.<br>Glare Shield factory-installed or available as retrofit kit. Must be specified at time of ordering. |



|                        |                |                                                                                                                                                                                         |
|------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Backlight shield LS180 | 102-0959-16LED | Glare Shield for backlight spill. Suitable for AFL110 16 LED [S65] [R60] lenses.<br>Glare Shield factory-installed or available as retrofit kit. Must be specified at time of ordering. |
|------------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|



Control

R2C Ready to Connect

| Description                          | Part ID  |
|--------------------------------------|----------|
| R2C Ready to Connect (top)           | 430-0019 |
| R2C Ready to Connect (below)         | 430-0027 |
| R2C Ready to Connect (top and below) | 430-0032 |

Eco Step Dim

| Description                | Part ID  |
|----------------------------|----------|
| Eco Step Dim® Advanced LED | 430-0002 |

Mounting Accessories

Bird deterrent

| Description       | Part ID  |
|-------------------|----------|
| Bird deterrent BD | 430-0015 |



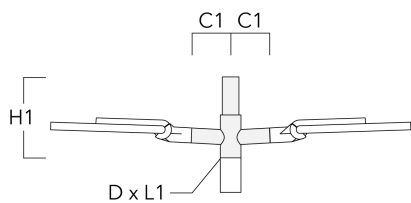
Adaptor

| Description    | Part ID  |
|----------------|----------|
| Adaptor AFL100 | 102-0392 |

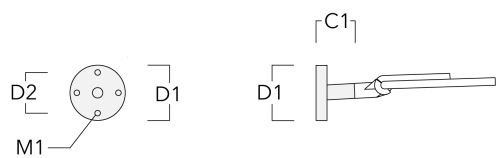


Wall and pole brackets RE

| Description                  | Part ID  | C1  | D1 | D2 | D × L1   | H1  | M1 | Weight (kg) |
|------------------------------|----------|-----|----|----|----------|-----|----|-------------|
| Pole bracket RE2-540, double | 111-0043 | 200 |    |    | 76 x 130 | 550 |    | 5.30        |

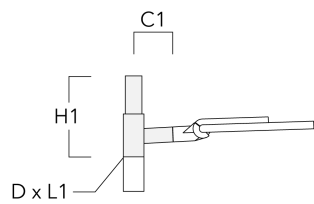


|                      |          |     |     |     |  |    |  |      |
|----------------------|----------|-----|-----|-----|--|----|--|------|
| Wall bracket RE0-540 | 111-0084 | 180 | 230 | 195 |  | 12 |  | 3.20 |
|----------------------|----------|-----|-----|-----|--|----|--|------|



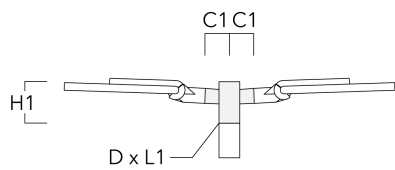
AFL110 LED

| Description                  | Part ID  | C1  | D1 | D2 | D × L1   | H1  | M1 | Weight (kg) |
|------------------------------|----------|-----|----|----|----------|-----|----|-------------|
| RE1-540 Pole bracket, single | 111-0042 | 200 |    |    | 76 x 130 | 500 |    | 4.60        |



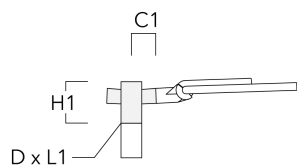
Pole brackets RF

| Description                  | Part ID  | C1  | D × L1  | H1  | Weight (kg) |
|------------------------------|----------|-----|---------|-----|-------------|
| Pole bracket RF2-540, double | 111-0047 | 200 | 76 x 80 | 200 | 3.30        |



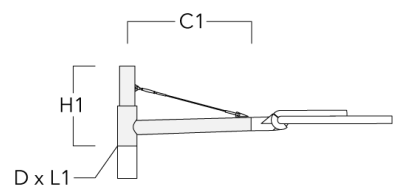
AFL110 LED

| Description                  | Part ID  | C1  | D × L1  | H1  | Weight (kg) |
|------------------------------|----------|-----|---------|-----|-------------|
| RF1-540 Pole bracket, single | 111-0046 | 200 | 76 x 80 | 200 | 2.60        |



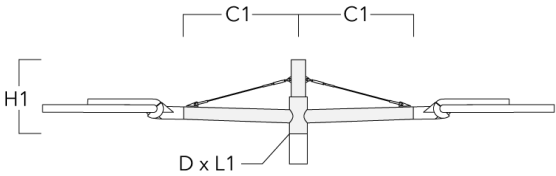
Wall and pole brackets RX

| Description                  | Part ID  | C1   | D1 | D2 | D × L1   | H1  | H2 | M1 | M2 | Weight (kg) |
|------------------------------|----------|------|----|----|----------|-----|----|----|----|-------------|
| RX1-540 Pole bracket, single | 111-0054 | 1000 |    |    | 76 x 130 | 550 |    |    |    | 6.8         |



AFL110 LED

| Description                  | Part ID  | C1   | D1 | D2 | D × L1   | H1  | H2 | M1 | M2 | Weight (kg) |
|------------------------------|----------|------|----|----|----------|-----|----|----|----|-------------|
| RX2-540 Pole bracket, double | 111-0055 | 1000 |    |    | 76 x 130 | 550 |    |    |    | 9.70        |



|                      |          |      |     |     |  |     |     |    |    |      |
|----------------------|----------|------|-----|-----|--|-----|-----|----|----|------|
| RX0-540 Wall bracket | 111-0086 | 1000 | 140 | 100 |  | 450 | 385 | 30 | 12 | 5.20 |
|----------------------|----------|------|-----|-----|--|-----|-----|----|----|------|

