

102-0461

AFL110 LED

we-ef



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 | asymmetric, side throw [S66] |
| Light source | LED-8/8W / 350 mA - 4000K |
| CRI | 80 |
| Power supply | EC |
| LEDs | 8 |
| Rated input power | 9.5 W |

Nominal Lumen (lm)

| | |
|-------------|------|
| LED Lumen | 170 |
| Total Lumen | 1360 |
| Tj | 85 |

Rated lumens (lm)

| | |
|-------------|--------|
| LED Lumen | 154.3 |
| Total Lumen | 1234.6 |
| Ta | 25 |

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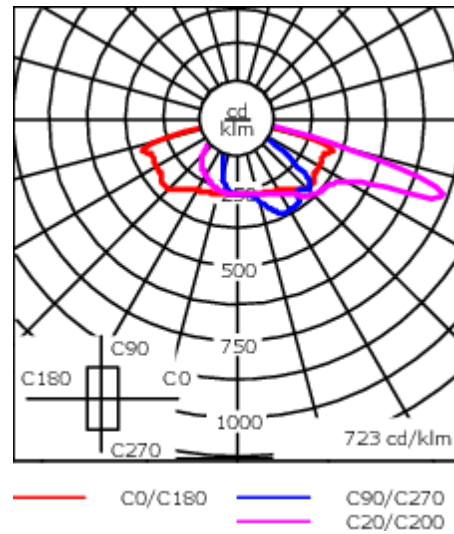
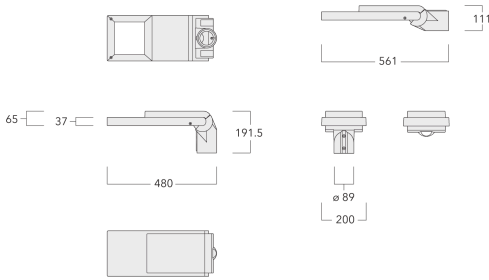
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Specifications

Material description

| | |
|----------------------|--|
| Body | Marine-grade, die-cast aluminium alloy |
| Lens | Non-reflective safety glass lens |
| Colours |  RAL9004 Signal black  RAL9007 Grey aluminium  RAL7016 Anthracite grey  RAL9016 Traffic white |
| 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 ² |

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 |
|----------|------------------------|

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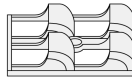
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Optical Accessories**Backlight shield**

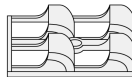
| Description | Part ID | Additional information |
|------------------------|---------------|--|
| Backlight shield LS180 | 102-0395-8LED | Glare Shield for backlight spill. Suitable for AFL110 8 LED [S61], [S66], [R61], [P66] [Q66], [A61] lenses. Glare Shield factory-installed or available as retrofit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



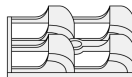
| | | |
|------------------------|----------------|---|
| Backlight shield LS180 | 102-0395-16LED | Glare Shield for backlight spill. Suitable for AFL110 16 LED [S61], [S66], [R61], [P66] [Q66], [A61] lenses. Glare Shield factory-installed or available as retrofit kit. Must be specified at time of ordering.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



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



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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 |

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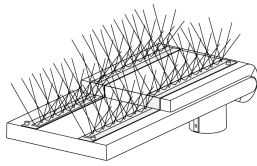
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Mounting Accessories

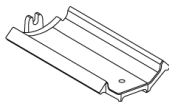
Bird deterrent

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



Adaptor

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



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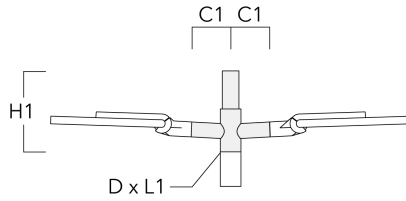
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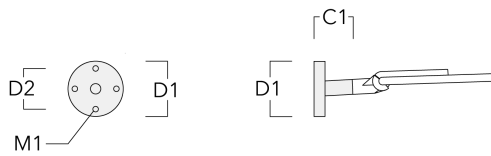
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Wall and pole brackets RE

| 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 |

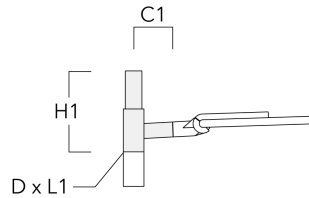


| | | | | | | | | |
|----------------------|----------|-----|-----|-----|--|----|------|--|
| Wall bracket RE0-540 | 111-0084 | 180 | 230 | 195 | | 12 | 3.20 | |
|----------------------|----------|-----|-----|-----|--|----|------|--|



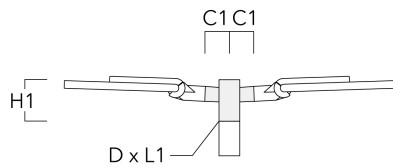
AFL110 LED

| 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 |



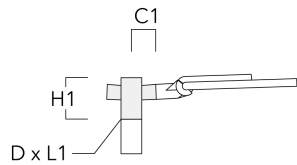
Pole brackets RF

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



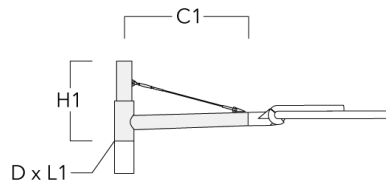
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| Description | Part ID | C1 | D × L1 | H1 | Weight (kg) |
|------------------------------|----------|-----|---------|-----|-------------|
| RF1-540 Pole bracket, single | 111-0046 | 200 | 76 x 80 | 200 | 2.60 |



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 |
|----------------------|----------|------|-----|-----|--|-----|-----|----|----|------|

