

AFL120-WL LED



Description

Wild-Light. IP66, Class I or Class II. 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. Integral EC electronic converter in thermally separated compartment. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. Wild-Light with Advanced or Motion available on request, must be specified at time of ordering. For further details and available variants see below under additional information - Wild-Light Presentation. The luminaire is factory-sealed and does not need to be opened during installation. Can be used as post top or side entry version. Specification at time of order is recommended.

Spigot Ø 76 x 100 mm. Spigot Ø 60 x 100 mm or 42 x 100 mm optional available. Must be indicated during order placement.

Contact WE-EF direct or your local WE-EF sales representative for an individual solution designed to precisely meet your needs.

IMPORTANT

|                    |                                   |
|--------------------|-----------------------------------|
| Weight             | 7.00 lb                           |
| Light distribution | [S61] Type III Short              |
| Light source       | LED-8-16/8W-32W/PC<br>Amber-3000K |
| CRI                | 60/80                             |
| Power supply       | electronic gear                   |
| LEDs               | 24                                |
| Rated input power  | 44.5 W                            |

| Nominal Lumen (lm) |      |
|--------------------|------|
| LED Lumen          | 230  |
| Total Lumen        | 5520 |
| Tj                 | 85   |

| Delivered lumens (lm) |       |
|-----------------------|-------|
| LED Lumen             | 208.3 |
| Total Lumen           | 5000  |
| Ta                    | 25    |

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Photometric data legend (for ies-data):

Part ID (channel I+II - both colour temperatures 1850K (True Amber) + 2200K / 2200K + 3000K)

Part ID\_1 (channel I - lower colour temperature 1850K (True Amber) / 2200K only)

Part ID\_2 (channel II - upper colour temperature 2200K / 3000K only)

Photometric data legend (for ldt-data):

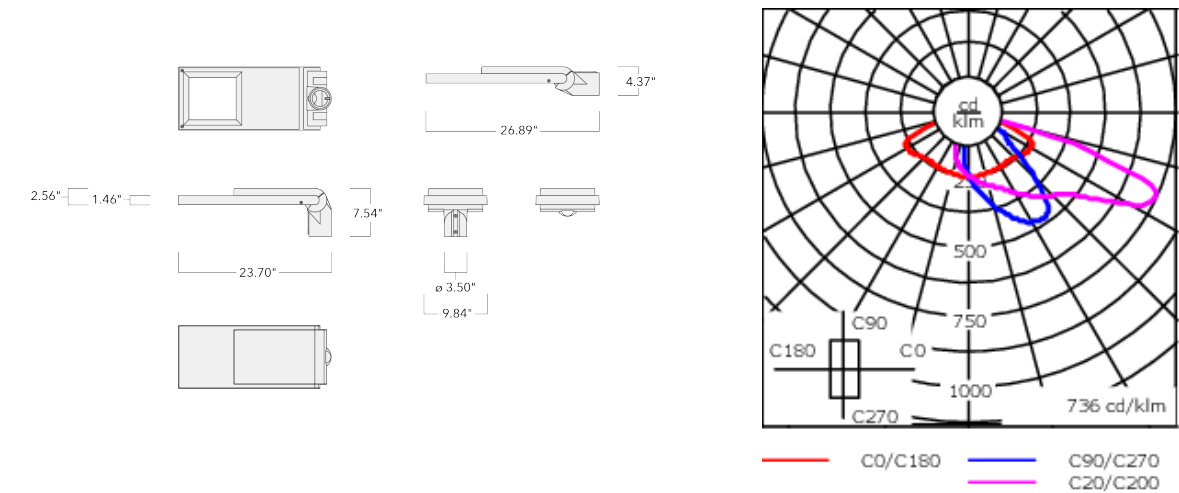
Part ID (channel I+II - both colour temperatures 1850K (True Amber) + 2200K / 2200K + 3000K)

Part ID (channel I - lower colour temperature 1850K (True Amber) / 2200K only)

Part ID (channel II - upper colour temperature 2200K / 3000K only)

Photometric files (IES, LDT) for light distributions [S61] [S65] [S66] [S70] [R60] [R61] [P66] [Q66] [A61] with Backlight Shield on request.

AFL120-WL LED



Specifications  
Material description

|                      |                                                                                                                                                                   |
|----------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body                 | Marine-grade, die-cast aluminium alloy                                                                                                                            |
| Lens                 | Non-reflective safety glass lens                                                                                                                                  |
| Colors               | <div><div></div> RAL9004 Black</div> <div><div></div> RAL9007 Grey Metallic</div> <div><div></div> RAL9016 White</div> <div><div></div> RAL8019 Dark Bronze</div> |
| Gasket               | CCG® Controlled Compression Gasket                                                                                                                                |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware                                                                                                                       |
| Ingress protection   | IP66                                                                                                                                                              |
| Impact resistance    | IK08                                                                                                                                                              |
| Corrosion resistance | 5CE                                                                                                                                                               |
| Windage              | 0.146 m <sup>2</sup>                                                                                                                                              |

Electrical description

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

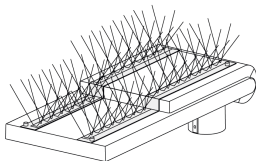
Additional information

|          |                            |
|----------|----------------------------|
| Lifetime | Ta=25°/40° L90B10 > 90000h |
|----------|----------------------------|

Mounting Accessories

Bird deterrent

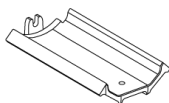
| Description       | Part ID  |
|-------------------|----------|
| Bird deterrent BD | 430-0015 |



AFL120-WL LED

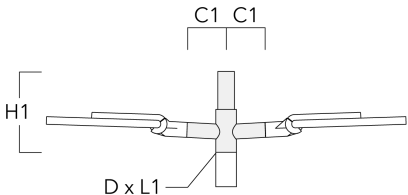
Adaptor

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



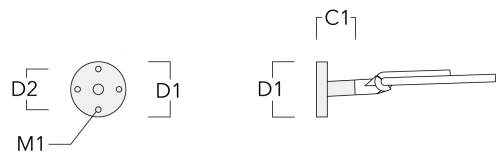
Wall and pole brackets RE

| Description                  | Part ID  | C1   | D1 | D2 | D × L1 | H1    | M1 | Weight (lb) |
|------------------------------|----------|------|----|----|--------|-------|----|-------------|
| RE2-540 Pole bracket, double | 111-0043 | 7.87 |    |    | 3 x 5  | 21.65 |    | 11.68       |

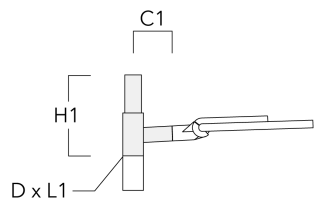


AFL120-WL LED

| Description          | Part ID  | C1   | D1   | D2   | D × L1 | H1 | M1   | Weight (lb) |
|----------------------|----------|------|------|------|--------|----|------|-------------|
| RE0-540 Wall bracket | 111-0084 | 7.09 | 9.06 | 7.68 |        |    | 0.47 | 7.05        |



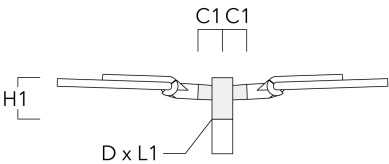
|                              |          |     |  |  |       |     |  |      |
|------------------------------|----------|-----|--|--|-------|-----|--|------|
| RE1-540 Pole bracket, single | 111-0042 | 200 |  |  | 3 x 5 | 500 |  | 4.60 |
|------------------------------|----------|-----|--|--|-------|-----|--|------|



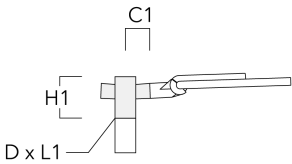
AFL120-WL LED

Pole brackets RF

| Description                  | Part ID  | C1   | D × L1 | H1   | Weight (lb) |
|------------------------------|----------|------|--------|------|-------------|
| RF2-540 Pole bracket, double | 111-0047 | 7.87 | 3 x 3  | 7.87 | 7.28        |



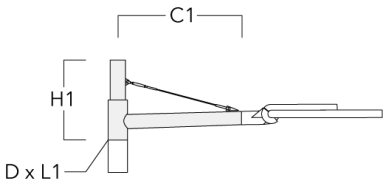
|                              |          |     |       |     |      |
|------------------------------|----------|-----|-------|-----|------|
| RF1-540 Pole bracket, single | 111-0046 | 200 | 3 x 3 | 200 | 2.60 |
|------------------------------|----------|-----|-------|-----|------|



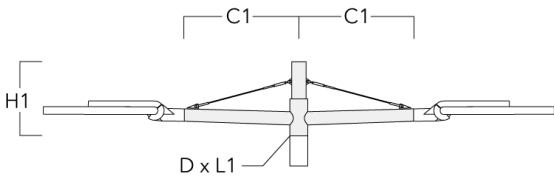
AFL120-WL LED

Wall and pole brackets RX

| Description                  | Part ID  | C1    | D1 | D2 | D × L1      | H1    | H2 | M1 | M2 | Weight (lb) |
|------------------------------|----------|-------|----|----|-------------|-------|----|----|----|-------------|
| RX1-540 Pole bracket, single | 111-0054 | 39.37 |    |    | 2.99 x 3.15 | 21.65 |    |    |    | 14.99       |



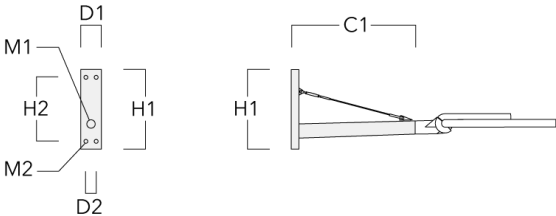
|                              |          |       |  |  |             |       |  |  |  |       |
|------------------------------|----------|-------|--|--|-------------|-------|--|--|--|-------|
| RX2-540 Pole bracket, double | 111-0055 | 39.37 |  |  | 2.99 x 3.15 | 21.65 |  |  |  | 21.38 |
|------------------------------|----------|-------|--|--|-------------|-------|--|--|--|-------|





AFL120-WL LED

| Description          | Part ID  | C1    | D1   | D2   | D × L1 | H1    | H2    | M1   | M2   | Weight (lb) |
|----------------------|----------|-------|------|------|--------|-------|-------|------|------|-------------|
| RX0-540 Wall bracket | 111-0086 | 39.37 | 5.51 | 3.94 |        | 17.72 | 15.16 | 1.18 | 0.47 | 11.46       |



Optical Accessories

Backlight shield

| Description | Part ID  | Additional information                                                                                                                                                                                        |
|-------------|----------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LS180       | 430-0029 | Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit. Suitable for [S61][S65][S66][S70][S71][R60][R61][P66][Q66][A61] lenses. Must be specified at time of ordering. |

