



### 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

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|                           |   |
|---------------------------|---|
| Weight                    | 15.40 lb                                      |
| Light distribution        | pedestrian crossing, left-hand traffic [P46L] |
| Light source              | LED-16/32W/2200K                              |
| CRI                       | 70  |
| Power supply              | electronic gear                               |
| LEDs                      | 16  |
| Rated input power         | 35 W  |
| <b>Nominal Lumen (lm)</b> |   |
| LED Lumen                 | 270   |
| Total Lumen               | 4320  |
| Tj                        | 85  |
| <b>Rated lumens (lm)</b>  |   |
| LED Lumen                 | 257.2   |
| Total Lumen               | 4115.4  |
| Ta                        | 25  |

**AFL120-WL LED**

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):

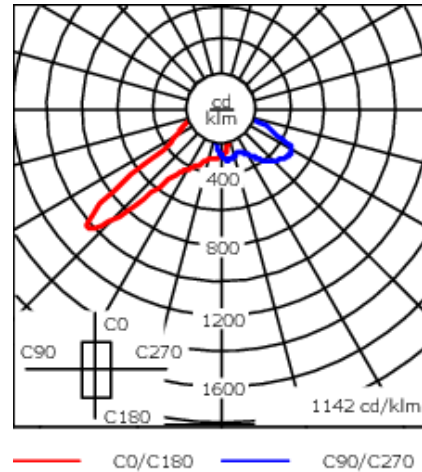
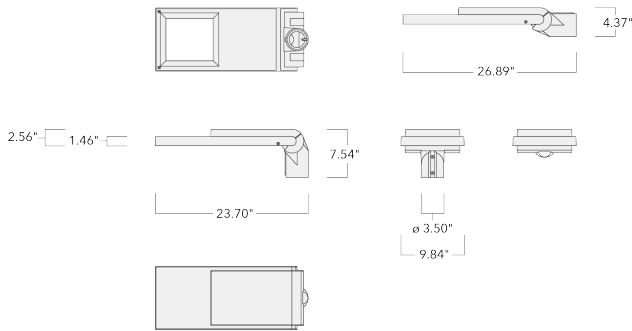
Part ID (channel I+II - both colour temperatures 1850K (True Amber) + 2200K / 2200K + 3000K)

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 style="display: flex; flex-direction: column; gap: 5px;"> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: black; margin-right: 5px;"></span> RAL9004 Black</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: grey; margin-right: 5px;"></span> RAL9007 Grey Metallic</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: white; margin-right: 5px;"></span> RAL9016 White</div> <div><span style="display: inline-block; width: 15px; height: 15px; background-color: darkgrey; margin-right: 5px;"></span> RAL8019 Dark Bronze</div> </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 |
|----------|----------------------------|

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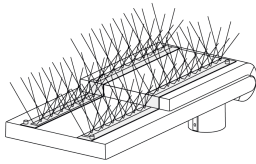
## Mounting Accessories

### Bird deterrent

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

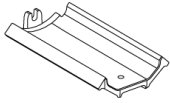
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**AFL120-WL LED**

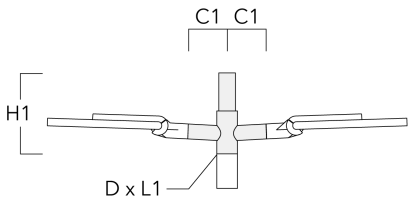
**Adaptor**

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



**Wall and pole brackets RE**

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



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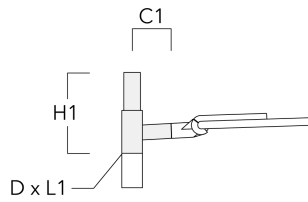
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**AFL120-WL LED**

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



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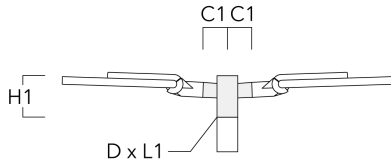
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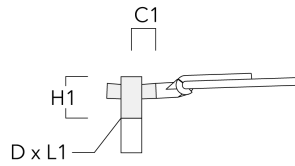
**AFL120-WL LED**

**Pole brackets RF**

| Description                  | Part ID  | C1   | D x 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 |
|------------------------------|----------|-----|-------|-----|------|



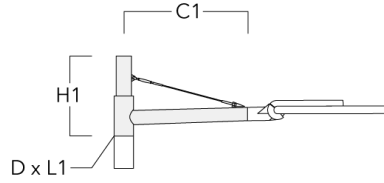
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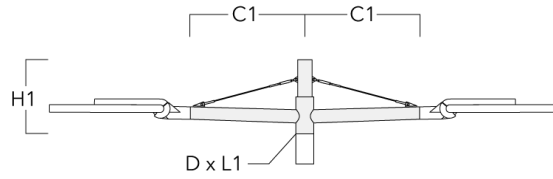
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**Wall and pole brackets RX**

| Description                  | Part ID  | C1    | D1 | D2 | D x 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 |
|------------------------------|----------|-------|--|--|-------------|-------|--|--|--|-------|



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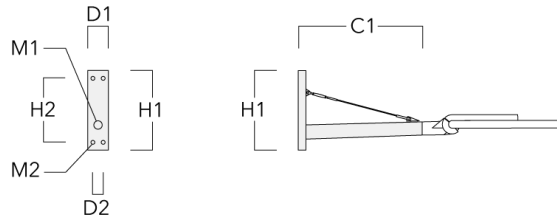
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**AFL120-WL LED**

| 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       |



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## 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][S66][R61][P66][Q66][A61] lenses. Must be specified at time of ordering. |

