



Description

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. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Factory installed LED circuit board. 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 option available. Must be indicated during order placement.

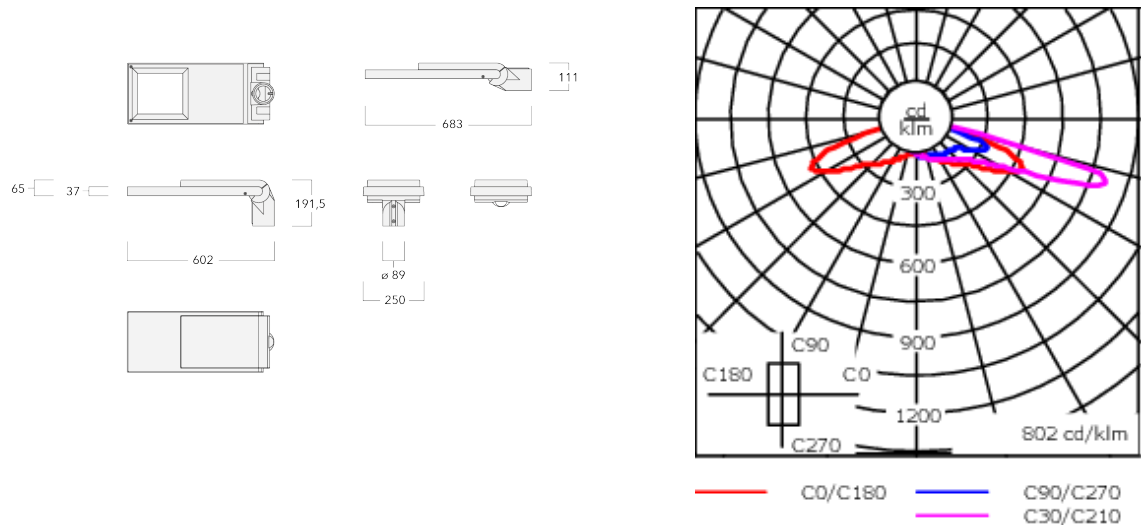
Contact WE-EF direct or your local WE-EF sales representative for an individual solution designed to precisely meet your needs.

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

|                    |                               |
|--------------------|-------------------------------|
| Weight             | 7.00 kg                       |
| Light distribution | rectangular, side throw [R60] |
| Light source       | LED-24/36W / 500 mA - 4000 K  |
| CRI                | 80                            |
| Power supply       | EC                            |
| LEDs               | 24                            |
| Rated input power  | 39 W                          |

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

|                   |        |
|-------------------|--------|
| Rated lumens (lm) |        |
| LED Lumen         | 209.7  |
| Total Lumen       | 5032.1 |
| 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> RAL9006 White aluminium</div> <div><div></div> RAL9007 Grey aluminium</div> |
| Gasket               | CCG® Controlled Compression Gasket                                                                                                       |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware                                                                                              |
| Ingress protection   | IP66                                                                                                                                     |
| Impact resistance    | IK08                                                                                                                                     |
| Corrosion resistance | 5CE+Primer                                                                                                                               |
| Windage              | 0.146 m <sup>2</sup>                                                                                                                     |

Electrical description

|                  |                                                                                                                                                          |
|------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Driver / Ballast | Integral EC electronic converter. DALI                                                                                                                   |
| Power factor     | > 0.9                                                                                                                                                    |
| Surge protection | In-pole surge protection SP10 device supplied. Please refer to WE-EF installation instructions for details. Use suffix +A for Integral surge protection. |

Additional information

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

Control

Eco Step Dim® Advanced

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

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 |

Optical Accessories

Backlight shield

| Description            | Part ID        | Additional information                                                                                                                                                    |
|------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Backlight shield LS180 | 102-0959-24LED | Glare Shield for backlight spill. Suitable for [S65] [R60] lenses.<br>Glare Shield factory-installed or available as retrofit kit. Must be specified at time of ordering. |



Mounting Accessories

Bird deterrent

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



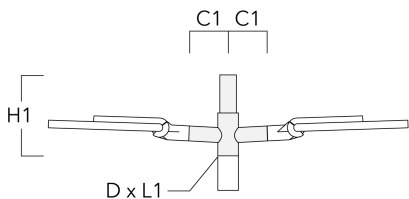
Adaptor

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

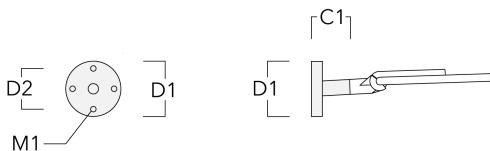


Wall and pole brackets RE

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

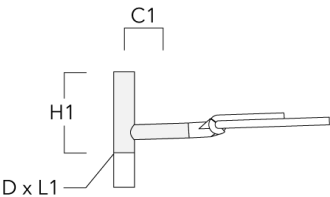


|                      |          |  |     |     |     |  |  |    |      |
|----------------------|----------|--|-----|-----|-----|--|--|----|------|
| RE0-540 Wall bracket | 111-0084 |  | 180 | 230 | 195 |  |  | 12 | 3.20 |
|----------------------|----------|--|-----|-----|-----|--|--|----|------|

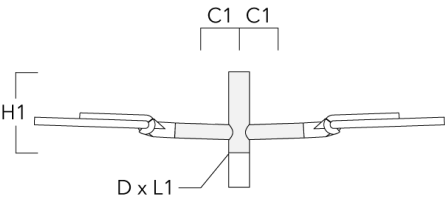


AFL120 LED

| Description                                          | Part ID  | Additional information                                                                                     | C1  | D1 | D2 | D × L1  | H1  | M1 | Weight (kg) |
|------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------|-----|----|----|---------|-----|----|-------------|
| Pole bracket RE1, single for mounting on AML-A poles | 111-9022 | Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware. | 320 |    |    | 76 x 76 | 550 |    | 6.10        |

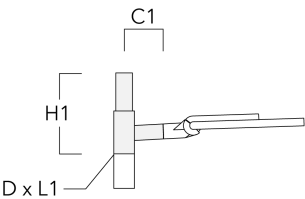


|                                                      |          |                                                                                                            |     |  |  |         |     |  |      |
|------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------|-----|--|--|---------|-----|--|------|
| Pole bracket RE2, double for mounting on AML-A poles | 111-9023 | Mounting brackets. Marine-grade aluminium alloy. 5CE superior corrosion protection including PCS hardware. | 320 |  |  | 76 x 76 | 550 |  | 7.20 |
|------------------------------------------------------|----------|------------------------------------------------------------------------------------------------------------|-----|--|--|---------|-----|--|------|



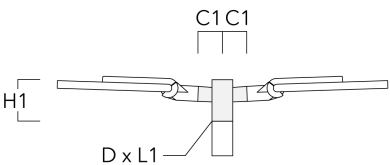
AFL120 LED

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



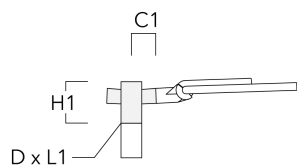
Pole brackets RF

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



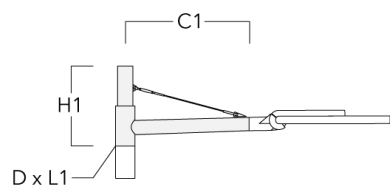
AFL120 LED

| 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         |



AFL120 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 |
|----------------------|----------|------|-----|-----|--|-----|-----|----|----|------|

