



### Description

IP66, Class I or Class II. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gasket. RFC® Reflection Free Contour main lens. Integral EC electronic converter in thermally separated compartment. DALI. 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.

Optional 2200 K version available. To be specified at time of ordering.

Spigot Ø 60 x 80 mm optional available. Must be indicated during order placement.

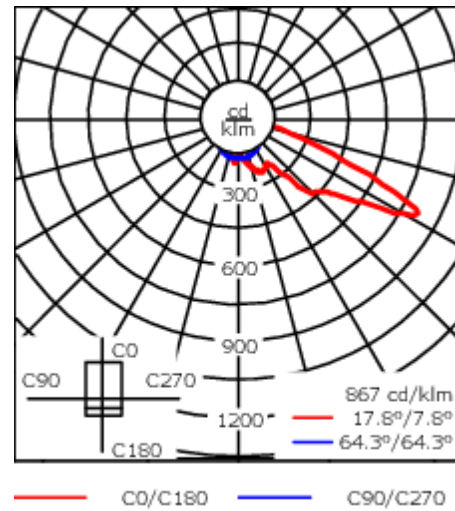
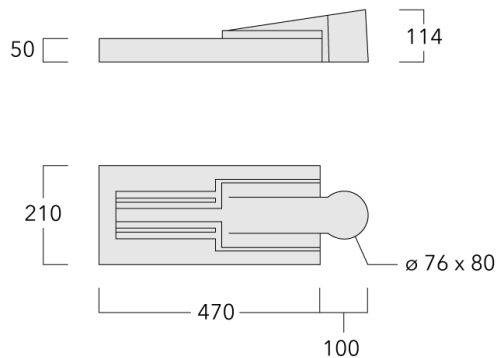
|                    |                                 |
|--------------------|---------------------------------|
| Weight             | 4.70 kg                         |
| Light distribution | asymmetric, forward throw [A60] |
| Light source       | LED-12/24W / 700 mA - 3000 K    |
| CRI                | 80                              |
| Power supply       | EC                              |
| LEDs               | 12                              |
| Rated input power  | 27 W                            |

### Nominal Lumen (lm)

|             |      |
|-------------|------|
| LED Lumen   | 290  |
| Total Lumen | 3480 |
| Tj          | 85   |

### Rated lumens (lm)

|             |        |
|-------------|--------|
| LED Lumen   | 245.7  |
| Total Lumen | 2948.9 |
| Ta          | 25     |



## Specifications

### Material description

|                      |  |
|----------------------|--|
| Body                 | Marine-grade, die-cast aluminium alloy   |
| Lens                 | RFC® Reflection Free Contour technology  |
| Colours              | <div style="display: flex; align-items: center;"> <div style="width: 20px; height: 15px; background-color: black; margin-right: 5px;"></div> <div>RAL9004 Signal black</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #cccccc; margin-right: 5px;"></div> <div>RAL9006 White aluminium</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #808080; margin-right: 5px;"></div> <div>RAL9007 Grey aluminium</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #333333; margin-right: 5px;"></div> <div>RAL7016 Anthracite grey</div> </div> <div style="display: flex; align-items: center; margin-top: 5px;"> <div style="width: 20px; height: 15px; background-color: #e0e0e0; margin-right: 5px;"></div> <div>RAL9016 Traffic white</div> </div> |
| Gasket               | Silicone CCG® Controlled Compression Gasket  |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware  |
| Ingress protection   | IP66   |
| Impact resistance    | IK08   |
| Corrosion resistance | 5CE  |
| Windage              | 0.108 m <sup>2</sup>   |

### Electrical description

|                  |  |
|------------------|--|
| Power supply     | 220-240V / 50-60 Hz                    |
| Driver / Ballast | Integral EC electronic converter. DALI |
| Power factor     | > 0.9                                  |
| Surge protection | 6/6 kV                                 |

#### WE-EF LEUCHTEN GmbH

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Subject to technical changes and errors. - Generated on 23/11/2024

**108-1498**

**VFL520 LED**

**we-ef**

**Additional information**

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Lifetime Ta=25° L90B10 > 90000h

Energy efficiency class C-D (Light source)

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**Control****Eco Step Dim® Basic**

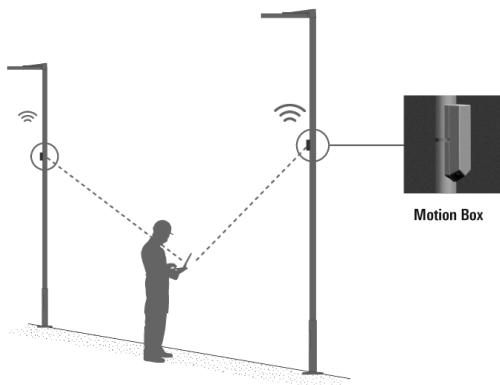
| Description             | Part ID  |
|-------------------------|----------|
| Eco Step Dim® Basic LED | 430-0001 |

**Eco Step Dim® Advanced**

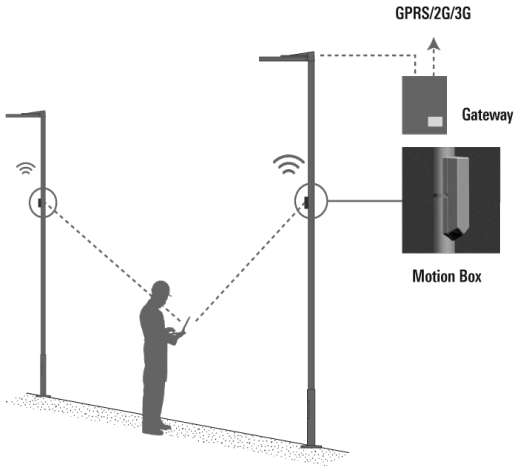
| Description                | Part ID  |
|----------------------------|----------|
| Eco Step Dim® Advanced LED | 430-0002 |

**Eco Step Dim® Motion**

| Description                   | Part ID  |
|-------------------------------|----------|
| Eco Step Dim® Motion - Linked | 430-0021 |



| Description                      | Part ID  |
|----------------------------------|----------|
| Eco Step Dim® Motion - Connected | 430-0022 |



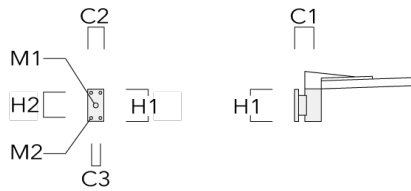
**R2C Ready to Connect**

| 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 |

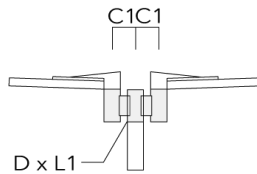
**Mounting Accessories**

**Wall and pole brackets RV**

| Description      | Part ID  | Additional information | C1  | C2  | C3 | D1 | D × L1 | H1  | H2  | M1 | M2 | Weight (kg) | C   | D | H |
|------------------|----------|------------------------|-----|-----|----|----|--------|-----|-----|----|----|-------------|-----|---|---|
| RV0 Wall bracket | 108-0979 | RV0 Wall bracket       | 108 | 100 | 60 |    |        | 200 | 160 | 38 | 12 | 2.00        | 108 |   |   |

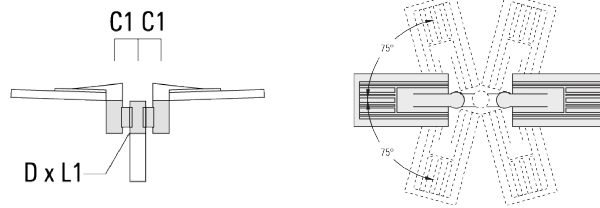


|                             |          |  |     |  |  |  |          |  |  |  |  |      |     |    |     |
|-----------------------------|----------|--|-----|--|--|--|----------|--|--|--|--|------|-----|----|-----|
| RV2-76 Pole bracket, double | 108-0980 |  | 147 |  |  |  | 76 x 100 |  |  |  |  | 4.80 | 147 | 76 | 200 |
|-----------------------------|----------|--|-----|--|--|--|----------|--|--|--|--|------|-----|----|-----|

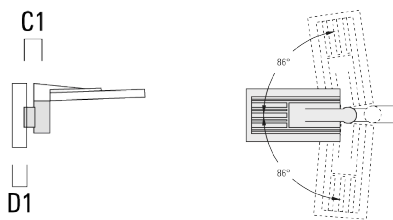


**VFL520 LED**

| Description                 | Part ID  | Additional information | C1 | C2 | C3 | D1 | D x L1   | H1 | H2 | M1 | M2 | Weight (kg) | C   | D  | H   |
|-----------------------------|----------|------------------------|----|----|----|----|----------|----|----|----|----|-------------|-----|----|-----|
| RV2-60 Pole bracket, double | 108-0981 | 147                    |    |    |    |    | 60 x 100 |    |    |    |    | 4.80        | 147 | 60 | 200 |

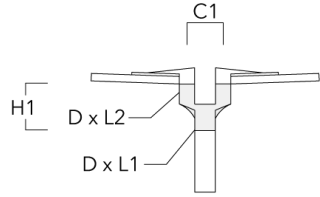


|                  |          |     |  |  |  |        |  |  |  |  |  |      |     |     |
|------------------|----------|-----|--|--|--|--------|--|--|--|--|--|------|-----|-----|
| RV5 Pole bracket | 108-0982 | 108 |  |  |  | 76-240 |  |  |  |  |  | 1.70 | 106 | 200 |
|------------------|----------|-----|--|--|--|--------|--|--|--|--|--|------|-----|-----|



**Post top fitter AKV**

| Description | Part ID  | C1  | D × L1 | D × L2 | H1  | Weight (kg) |
|-------------|----------|-----|--------|--------|-----|-------------|
| AKV2-76     | 300-0053 | 180 | 76x100 | 76x80  | 235 | 1.50        |





**Optical Accessories****Light shield**

| Description | Part ID  | Additional information  |
|-------------|----------|---|
| LS180-[A60] | 430-0038 | Light shield LS180 to greatly reduce or eliminate light pollution.<br>PA injection moulded component, black matt.<br>Suitable for asymmetric light distribution [A60].                          |
| LS180       | 430-0029 | Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit.<br>Suitable for [S60], [S65], [S70], [R65], [P65] lenses. Must be specified at time of ordering. |