



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.

Eco Step Dim® on request.

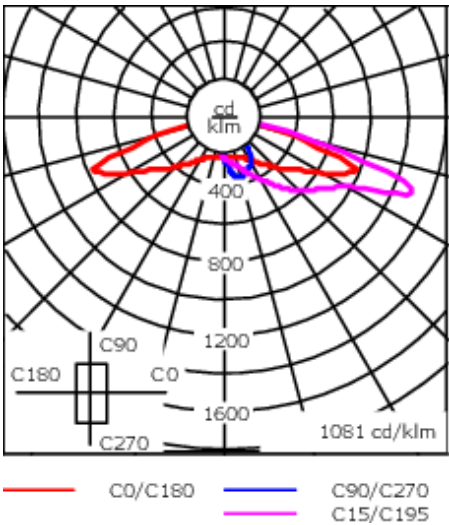
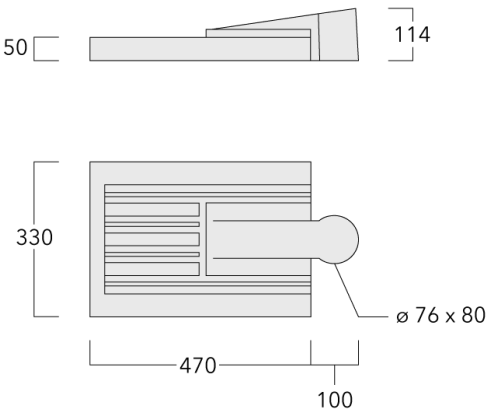
Spigot Ø 60 x 80 mm optional available. Must be indicated during order placement.

Photometric files (IES, LDT) for light distributions [S60] [S65] [S70] [R65] [P65] [A60] with Backlight Shield on request.

|                    |                               |
|--------------------|-------------------------------|
| Weight             | 6.40 kg                       |
| Light distribution | pedestrian/bicycle lane [P65] |
| Light source       | LED-12/12W / 350 mA - 3000 K  |
| CRI                | 80                            |
| Power supply       | EC                            |
| LEDs               | 12                            |
| Rated input power  | 13.9 W                        |

|                    |      |
|--------------------|------|
| Nominal Lumen (lm) |      |
| LED Lumen          | 155  |
| Total Lumen        | 1860 |
| Tj                 | 85   |

|                   |        |
|-------------------|--------|
| Rated lumens (lm) |        |
| LED Lumen         | 142.4  |
| Total Lumen       | 1708.3 |
| Ta                | 25     |



Specifications

Material description

|                      |                                                                                                                                                                                                                                      |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Body                 | Marine-grade, die-cast aluminium alloy                                                                                                                                                                                               |
| Lens                 | RFC® Reflection Free Contour technology                                                                                                                                                                                              |
| Colours              | <div><div></div> RAL9004 Signal black</div> <div><div></div> RAL9006 White aluminium</div> <div><div></div> RAL9007 Grey aluminium</div> <div><div></div> RAL7016 Anthracite grey</div> <div><div></div> RAL9016 Traffic white</div> |
| Gasket               | Silicone CCG® Controlled Compression Gasket                                                                                                                                                                                          |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware                                                                                                                                                                                          |
| Ingress protection   | IP66                                                                                                                                                                                                                                 |
| Impact resistance    | IK08                                                                                                                                                                                                                                 |
| Corrosion resistance | 5CE                                                                                                                                                                                                                                  |
| Windage              | 0.163 m²                                                                                                                                                                                                                             |

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                                 |

**Additional information**

|                         |                        |
|-------------------------|------------------------|
| Lifetime                | Ta=25° L90B10 > 90000h |
| Energy efficiency class | C-D (Light source)     |

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 |

Citygrid Motion On Pole

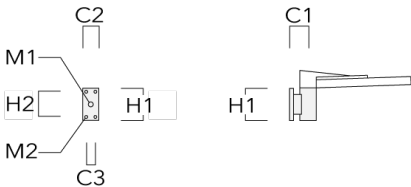
| Description                          | Part ID  | Additional information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|--------------------------------------|----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Citygrid Motion - Smart-City-Package | 420-0013 | <p>Citygrid Motion On Pole Controller</p> <p>The Citygrid Motion On Pole Controller is the all-in-one device that can convert existing luminaires into an intelligent lighting system.</p> <p>The Smart-City package:</p> <p>Internet gateway (via mobile phone) and dashboard included; operators can configure, change and service themselves (remotely). Networked Smart-City functions (data collection, remote maintenance, etc.).</p> <p>Applications: larger communal projects or field trials in the context of Smart City; operator has qualified personnel (municipal utilities).</p> |



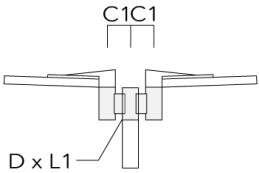
Mounting Accessories

Wall and pole brackets RV

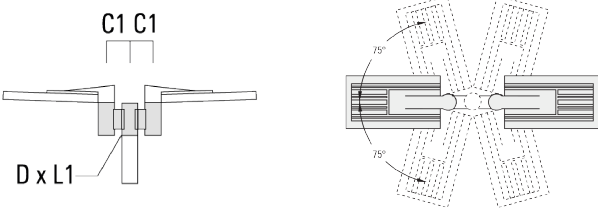
| Description      | Part ID  | Additional information | C1  | C2  | C3 | D1 | D × L1 | H1  | H2  | M1 | M2 | Weight (kg) | C   | D | H |
|------------------|----------|------------------------|-----|-----|----|----|--------|-----|-----|----|----|-------------|-----|---|---|
| RV0 Wall bracket | 108-0979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



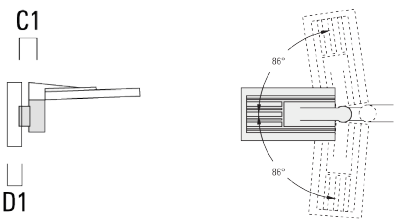
|                             |          |  |     |  |  |  |          |  |  |  |  |      |     |    |     |
|-----------------------------|----------|--|-----|--|--|--|----------|--|--|--|--|------|-----|----|-----|
| RV2-76 Pole bracket, double | 108-0980 |  | 147 |  |  |  | 76 x 100 |  |  |  |  | 4.80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



| Description                 | Part ID  | Additional information | C1 | C2 | C3 | D1 | D × 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 |

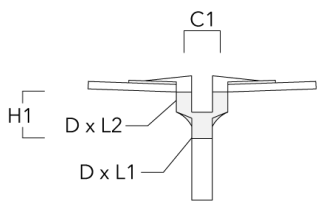


|                  |          |     |  |  |  |        |  |  |  |  |  |      |     |  |     |
|------------------|----------|-----|--|--|--|--------|--|--|--|--|--|------|-----|--|-----|
| RV5 Pole bracket | 108-0982 | 108 |  |  |  | 76-240 |  |  |  |  |  | 1.70 | 106 |  | 200 |
|------------------|----------|-----|--|--|--|--------|--|--|--|--|--|------|-----|--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



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. |