



Description

IP66, Class I. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. RFC™ Reflection Free Contour main lens. Silicone CCG® Controlled Compression Gasket. Luminaire is factory-sealed and does not need to be opened during installation.

Integral EC electronic converter. DALI interface. Advanced thermal management protects LEDs while optimising lumens output. Removable LED boards for upgrading. CAD-optimised optics for superior illumination and glare control. OLC® One LED Concept. Optional 2200 K version available. To be specified at time of ordering.

Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

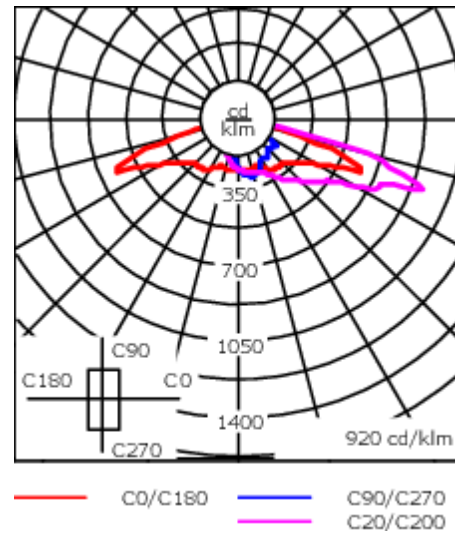
| | |
|--------------------|------------------------------|
| Weight | 4.70 kg |
| Light distribution | asymmetric, side throw [S70] |
| Light source | LED-12/12W / 350 mA - 3000 K |
| CRI | 80 |
| Power supply | EC |
| BUG | B0 U0 G0 |
| LEDs | 12 |
| Rated input power | 13.9 W |

Nominal Lumen (lm)

| | |
|-------------|------|
| LED Lumen | 155 |
| Total Lumen | 1860 |
| Tj | 85 |

Rated lumens (lm)

| | |
|-------------|--------|
| LED Lumen | 142.9 |
| Total Lumen | 1714.3 |
| Ta | 25 |



Specifications

Material description

| | |
|----------------------|---|
| Body | Marine-grade, die-cast aluminium alloy |
| Lens | RFC™ Reflection Free Contour main lens |
| Colours | <div style="display: flex; align-items: center; gap: 10px;"> <div style="width: 20px; height: 15px; background-color: black; border: 1px solid black;"></div> RAL9004 Signal black </div> <div style="display: flex; align-items: center; gap: 10px;"> <div style="width: 20px; height: 15px; background-color: grey; border: 1px solid black;"></div> RAL9007 Grey aluminium </div> <div style="display: flex; align-items: center; gap: 10px;"> <div style="width: 20px; height: 15px; background-color: darkgrey; border: 1px solid black;"></div> RAL7016 Anthracite grey </div> <div style="display: flex; align-items: center; gap: 10px;"> <div style="width: 20px; height: 15px; background-color: white; border: 1px solid black;"></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 | 0.108 m ² |

Electrical description

| | |
|------------------|---|
| Driver / Ballast | Integral electronic converter with DALI interface |
|------------------|---|

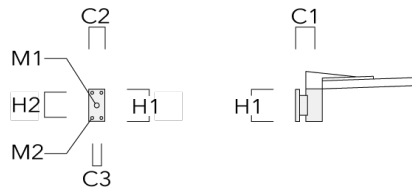
Additional information

| | |
|------------|--|
| Lifetime | Ta=25° L90B10 > 90000h |
| BUG Rating | Please see individual Spec Sheets for classification of Backlight, Uplight and Glare |

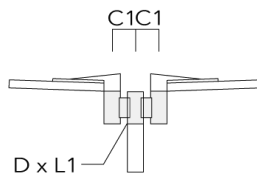
Mounting Accessories

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-AP | RV0 Wall bracket | 108 | 100 | 45 | | | 200 | 160 | 40 | 12 | 2.80 | 108 | | |



| | | | | | | | | | | | | | | | |
|-----------------------------|----------|--|-----|--|--|--|----------|--|--|--|--|------|-----|----|-----|
| RV2-76 Pole bracket, double | 108-0980 | | 147 | | | | 76 x 100 | | | | | 8.10 | 147 | 76 | 200 |
|-----------------------------|----------|--|-----|--|--|--|----------|--|--|--|--|------|-----|----|-----|



VFL520 LED

| 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 | | | | | 8.50 | 147 | 60 | 200 |



| | | | | | | | | | | | | | | | |
|------------------|----------|-----|--|--|--|--|--------|--|--|--|--|------|-----|--|-----|
| RV5 Pole bracket | 108-0982 | 108 | | | | | 76-240 | | | | | 2.30 | 106 | | 200 |
|------------------|----------|-----|--|--|--|--|--------|--|--|--|--|------|-----|--|-----|



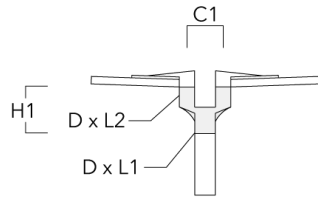
108-1488

VFL520 LED

we-ef

AKV

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



108-1488

VFL520 LED

we-ef

Control

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 |

WE-EF LIGHTING (Thailand) Co., Ltd.

57 Moo 5, Kingkaew Rd., Bangplee, 10540 Samutprakarn - Phone: +66 2 738 96 20 - Fax: +66 2 738 96 29

<https://we-ef.com/asia>

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