



Description

IP66, Class I. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection including PCS hardware. Silicone CCG® Controlled Compression Gas-ket. RFC™ Reflection Free Contour main lens.

Integral electronic converter with DALI interface. 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 up to max. 1050mA available. To be specified at time of ordering.

Including 0.5 m cable with a cable connector.

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

Wild-Light options available on request.

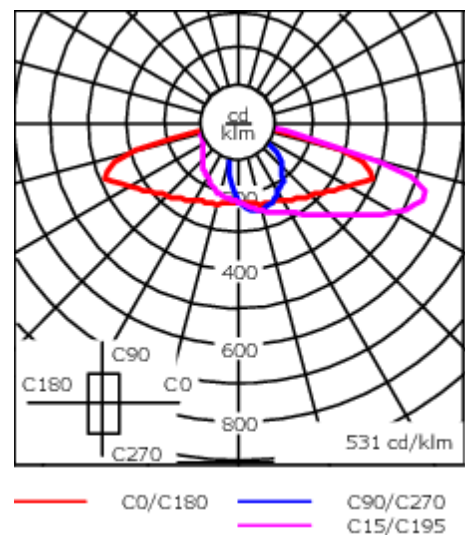
| | |
|--------------------|------------------------------|
| Weight | 7.50 kg |
| Light distribution | asymmetric, side throw [S70] |
| Light source | LED-18/36W / 700 mA - 3000 K |
| CRI | 80 |
| Power supply | EC |
| BUG | B1 U0 G1 |
| LEDs | 18 |
| Rated input power | 41 W |

Nominal Lumen (lm)

| | |
|-------------|------|
| LED Lumen | 290 |
| Total Lumen | 5220 |
| Tj | 85 |

Rated lumens (lm)

| | |
|-------------|--------|
| LED Lumen | 245.3 |
| Total Lumen | 4415.9 |
| Ta | 25 |



Specifications
Material description

| | |
|----------------------|---|
| Body | Marine-grade, die-cast aluminium alloy |
| Lens | RFC™ Reflection Free Contour main lens |
| Colours | <div><div></div> RAL9004 Signal black</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 hardware |
| Ingress protection | IP66 |
| Impact resistance | IK08 |
| Corrosion resistance | 5CE |

Electrical description

| | |
|------------------|---|
| Power supply | 220-240V / 50-60 Hz |
| Driver / Ballast | Integral electronic converter with DALI interface |
| Power factor | > 0.9 |

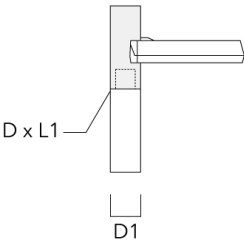
Additional information

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

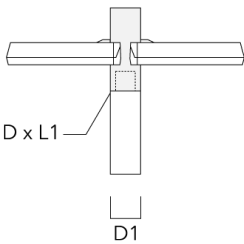
Mounting Accessories

Wall and pole brackets RM

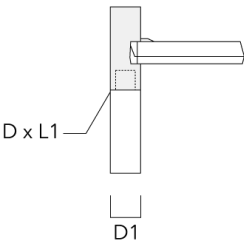
| Description | Part ID | C1 | C2 | C3 | D1 | D × L1 | H1 | H2 | M1 | Weight (kg) |
|---|----------|----|----|----|-----|---------|----|----|----|-------------|
| Pole bracket RM1-76, single for mounting on AMF-C poles | 105-9849 | | | | 114 | 76 x 80 | | | | 1.20 |



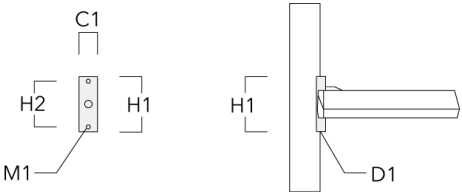
| | | | | | | | | | | |
|---|----------|--|--|--|-----|---------|--|--|--|------|
| Pole bracket RM2-76, double for mounting on AMF-C poles | 105-9850 | | | | 114 | 76 x 80 | | | | 1.30 |
|---|----------|--|--|--|-----|---------|--|--|--|------|



| Description | Part ID | C1 | C2 | C3 | D1 | D × L1 | H1 | H2 | M1 | Weight (kg) |
|---|----------|----|----|----|-----|---------|----|----|----|-------------|
| Pole bracket RM1-76, single for mounting on AMW-C poles | 105-9847 | | | | 102 | 76 x 80 | | | | 1.00 |



| | | | | | | | | | | |
|---------------------|----------|----|--|--|------|--|-----|-----|----|------|
| Short bracket RM1-S | 105-9845 | 50 | | | ≥ 76 | | 150 | 124 | 11 | 0.60 |
|---------------------|----------|----|--|--|------|--|-----|-----|----|------|

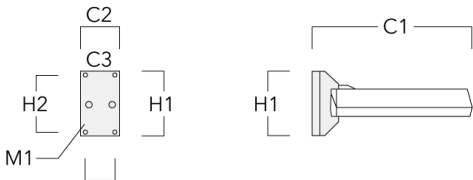


105-9802

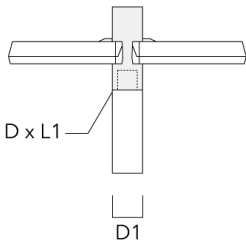
RMC320 LED



| Description | Part ID | C1 | C2 | C3 | D1 | D × L1 | H1 | H2 | M1 | Weight (kg) |
|--------------------|----------|-----|-----|----|----|--------|-----|-----|----|-------------|
| Wall bracket RM1-W | 105-9846 | 375 | 105 | 80 | | | 175 | 155 | 6 | 1.30 |



| | | | | | | | | | | |
|---|----------|--|--|--|-----|---------|--|--|--|------|
| Pole bracket RM2-76, double for mounting on AMW-C poles | 105-9848 | | | | 102 | 76 x 80 | | | | 1.00 |
|---|----------|--|--|--|-----|---------|--|--|--|------|



105-9802

RMC320 LED



Control

R2C Ready to Connect

| Description | Part ID |
|----------------------------|----------|
| R2C Ready to Connect (top) | 430-0019 |