



#### **Description**

IP66. Class I / II. IK08. Marine-grade, die-cast aluminium alloy. 5CE superior corrosion protection + primer 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. Advanced thermal management protects LEDs while optimising lumens output. LED board can be easily removed for upgrading. CAD- optimised OLC® optics for superior illumination and glare control. Optional 2200 K version up to max. 1050mA available. To be specified at time of ordering.

Maximum spacing for streetlighting applications depends on wattage and light distribution.

Please note that the luminaire requires a mounting bracket for installation. This bracket needs to be ordered separately. Please choose from one of our various options listed under Mounting Accessories

|                    |                               |
|--------------------|-------------------------------|
| Weight             | 7.50 kg                       |
| Light distribution | asymmetric, side throw [S70]  |
| Light source       | LED-18/78W / 1400 mA - 4000 K |
| CRI                | 80                            |
| Power supply       | EC                            |
| LEDs               | 18                            |
| Rated input power  | 80 W                          |

#### **Nominal Lumen (lm)**

|             |       |
|-------------|-------|
| LED Lumen   | 575   |
| Total Lumen | 10350 |
| Tj          | 85    |

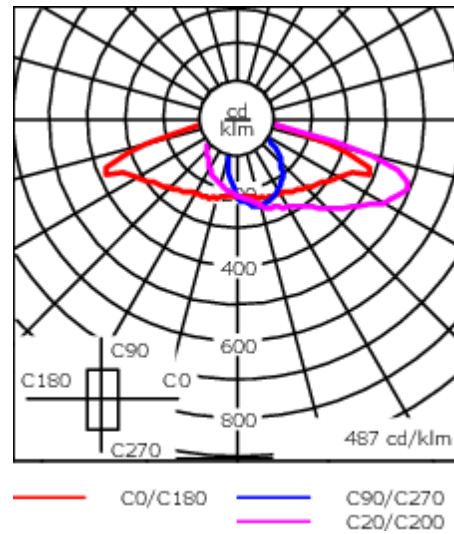
#### **Rated lumens (lm)**

|             |        |
|-------------|--------|
| LED Lumen   | 478.5  |
| Total Lumen | 8613.1 |
| Ta          | 25     |

105-9812




RMC320 LED

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## Specifications

### Material description

|                      |   |
|----------------------|---|
| Body                 | Marine-grade, die-cast aluminium alloy  |
| Lens                 | RFC® Reflection Free Contour technology   |
| Colours              |  RAL9004 Signal black<br> RAL9006 White aluminium<br> RAL9007 Grey aluminium |
| Gasket               | Silicone CCG® Controlled Compression Gasket   |
| Fasteners            | PCS Polymer Coated Stainless Steel Hardware   |
| Ingress protection   | IP66  |
| Impact resistance    | IK08  |
| Corrosion resistance | 5CE+Primer  |

### Electrical description

|                  |  |
|------------------|--|
| Power supply     | 220-240V / 50-60 Hz  |
| 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 |
|----------|------------------------|

#### WE-EF LIGHTING Pty Ltd

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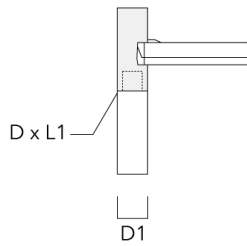
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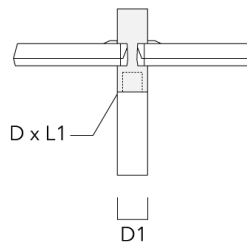
**Mounting Accessories**

**Wall and pole brackets RM**

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

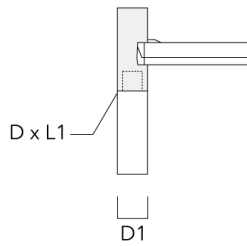


|                             |          |  |  |  |     |         |  |  |  |      |
|-----------------------------|----------|--|--|--|-----|---------|--|--|--|------|
| RM2-76 Pole bracket, double | 105-9850 |  |  |  | 114 | 76 x 80 |  |  |  | 1.30 |
|-----------------------------|----------|--|--|--|-----|---------|--|--|--|------|

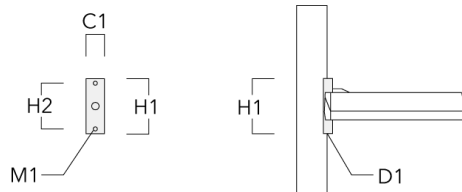


**RMC320 LED**

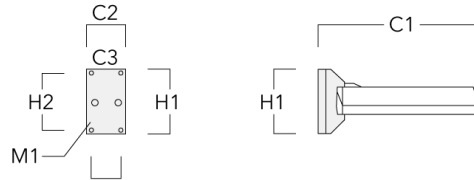
| Description                 | Part ID  | C1 | C2 | C3 | D1  | D × L1  | H1 | H2 | M1 | Weight (kg) |
|-----------------------------|----------|----|----|----|-----|---------|----|----|----|-------------|
| RM1-76 Pole bracket, single | 105-9847 |    |    |    | 102 | 76 x 80 |    |    |    | 1.00 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



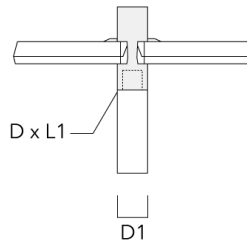
|                           |          |    |  |  |      |  |     |     |    |      |
|---------------------------|----------|----|--|--|------|--|-----|-----|----|------|
| RM1-S Pole bracket, short | 105-9845 | 50 |  |  | ≥ 76 |  | 150 | 124 | 11 | 0.60 |
|---------------------------|----------|----|--|--|------|--|-----|-----|----|------|



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



|                             |          |  |  |  |     |         |  |  |  |      |
|-----------------------------|----------|--|--|--|-----|---------|--|--|--|------|
| RM2-76 Pole bracket, double | 105-9848 |  |  |  | 102 | 76 x 80 |  |  |  | 1.00 |
|-----------------------------|----------|--|--|--|-----|---------|--|--|--|------|



**105-9812**

**RMC320 LED**

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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 |

### **R2C Ready to Connect**

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

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**105-9812**

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## **Optical Accessories**

### **Light shield**

| Description | Part ID  | Additional information   |
|-------------|----------|--|
| LS180-[A60] | 003-4018 | Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit. Suitable for [A60] lenses. Must be specified at time of ordering.                             |
| LS180       | 003-4019 | Glare Shield for backlight spill. Glare Shield factory-installed or available as retrofit kit. Suitable for [S60], [S65], [S70], [R65], [P65] lenses. Must be specified at time of ordering. |

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