

# RMC320

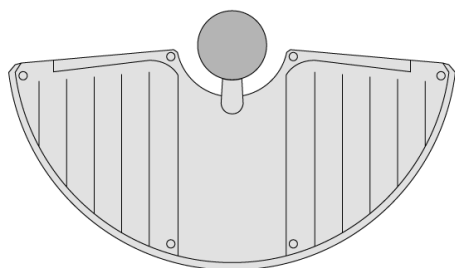
## Street and area lighting

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60



325

650

### 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. CAD-optimised OLC® One LED Concept optics for superior illumination and glare control. Factory installed LED circuit board. The luminaire is factory-sealed and does not need to be opened during installation. Maximum spacing for streetlighting applications depends on wattage and light distribution: 5.5 to 9 times the mounting height.

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## Specifications

### Material Specification

|                       |  |
|-----------------------|--|
| 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 protection:    | IK08   |
| Corrosion protection: | 5CE  |
| Surge protection:     | 6/6 kV (optional SP10)   |
| Windage (EPA):        | 0.046 m²   |

### Electrical Specification

|                   |                                  |
|-------------------|----------------------------------|
| Power supply:     | 220-240V / 50-60 Hz              |
| Power factor:     | > 0.9                            |
| Driver / Ballast: | Integral EC electronic converter |

### Lifetime

LED 350mA: >80,000 h Ta 25°(L90/B10)  
LED 700mA: >80,000 h Ta 25°(L80/B10)  
LED 1050mA: >80,000 h Ta 25°(L90/B10)  
LED 1400mA: >80,000 h Ta 25°(L80/B10)  
Control gear: >50,000 h Ta 25°

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










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## Choices

| Light Distributions   | Lumens | Wattages | Colour Temperatures  | Colours   |
|---|--------|----------|--|---|
|  asymmetric, side-throw beam [P65]     | 2421   | 18       |  3000 K |  RAL9004 Signal black    |
|   | 4427   | 36       |  |   |
|  asymmetric, side-throw beam [S60]     | 7020   | 54       |  4000 K |  RAL9006 White aluminium |
|   | 8100   |          |  |   |
|  asymmetric, side-throw beam [S65]     |        |          |  |  RAL9007 Grey aluminium  |
|  asymmetric, side-throw beam [S70]     |        |          |  |  RAL7016 Anthracite grey |
|  asymmetric, forward-throw beam [A60]  |        |          |  |  RAL9016 Traffic white   |
|  rectangular, forward-throw beam [R65] |        |          |  |   |



## Configurations

| Light Distributions                   | Part ID  | Light Source                  | Lumen | Gear | Weight | Link                |
|---------------------------------------|----------|-------------------------------|-------|------|--------|---------------------|
| asymmetric, side-throw beam [P65]     | 105-0100 | LED-18/18W / 350 mA - 3000 K  | 2421  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-0101 | LED-18/18W / 350 mA - 4000 K  | 2421  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-0102 | LED-18/36W / 700 mA - 3000 K  | 4427  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-0103 | LED-18/36W / 700 mA - 4000 K  | 4427  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-0104 | LED-18/54W / 1050 mA - 3000 K | 7020  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-0105 | LED-18/54W / 1050 mA - 4000 K | 8100  | EC   | 7.50   | <a href="#">📄 ↗</a> |
| asymmetric, side-throw beam [S60]     | 105-9771 | LED-18/18W / 350 mA - 3000 K  | 2421  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9775 | LED-18/18W / 350 mA - 4000 K  | 2421  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9772 | LED-18/36W / 700 mA - 3000 K  | 4427  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9776 | LED-18/36W / 700 mA - 4000 K  | 4427  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9773 | LED-18/54W / 1050 mA - 3000 K | 7020  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9777 | LED-18/54W / 1050 mA - 4000 K | 8100  | EC   | 7.50   | <a href="#">📄 ↗</a> |
| asymmetric, side-throw beam [S65]     | 105-9786 | LED-18/18W / 350 mA - 3000 K  | 2421  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9790 | LED-18/18W / 350 mA - 4000 K  | 2421  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9787 | LED-18/36W / 700 mA - 3000 K  | 4427  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9791 | LED-18/36W / 700 mA - 4000 K  | 4427  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9788 | LED-18/54W / 1050 mA - 3000 K | 7020  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9792 | LED-18/54W / 1050 mA - 4000 K | 8100  | EC   | 7.50   | <a href="#">📄 ↗</a> |
| asymmetric, side-throw beam [S70]     | 105-9801 | LED-18/18W / 350 mA - 3000 K  | 2421  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9805 | LED-18/18W / 350 mA - 4000 K  | 2421  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9802 | LED-18/36W / 700 mA - 3000 K  | 4427  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9806 | LED-18/36W / 700 mA - 4000 K  | 4427  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9803 | LED-18/54W / 1050 mA - 3000 K | 7020  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9807 | LED-18/54W / 1050 mA - 4000 K | 8100  | EC   | 7.50   | <a href="#">📄 ↗</a> |
| asymmetric, forward-throw beam [A60]  | 105-9816 | LED-18/18W / 350 mA - 3000 K  | 2421  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9820 | LED-18/18W / 350 mA - 4000 K  | 2421  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9817 | LED-18/36W / 700 mA - 3000 K  | 4427  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9821 | LED-18/36W / 700 mA - 4000 K  | 4427  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9818 | LED-18/54W / 1050 mA - 3000 K | 7020  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9822 | LED-18/54W / 1050 mA - 4000 K | 8100  | EC   | 7.50   | <a href="#">📄 ↗</a> |
| rectangular, forward-throw beam [R65] | 105-9831 | LED-18/18W / 350 mA - 3000 K  | 2421  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9835 | LED-18/18W / 350 mA - 4000 K  | 2421  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9832 | LED-18/36W / 700 mA - 3000 K  | 4427  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9836 | LED-18/36W / 700 mA - 4000 K  | 4427  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9833 | LED-18/54W / 1050 mA - 3000 K | 7020  | EC   | 7.50   | <a href="#">📄 ↗</a> |
|                                       | 105-9837 | LED-18/54W / 1050 mA - 4000 K | 8100  | EC   | 7.50   | <a href="#">📄 ↗</a> |

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## Available Poles



AMW-Z-MA Type 2

AM-Z Type 2

## Related Families / RMC300

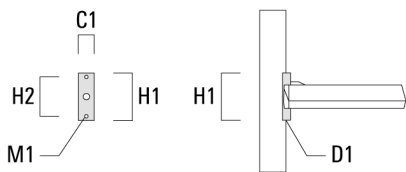
| Family |  | Dimensions | Wattage  | Lumen      | Links |                     |
|--------|--|------------|----------|------------|-------|---------------------|
|        |  |            |          |            | Links | Download Data Sheet |
| RMC320 |  | 650 x 325  | 18 -54 W | 2421 -8100 |       |                     |



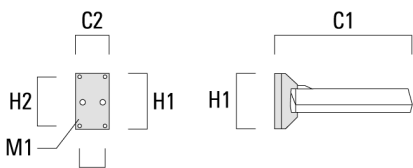
Mounting Accessories

Wall and pole brackets RM

|                                      | C1 | H1  | H2  | M1 |
|--------------------------------------|----|-----|-----|----|
| ■ 105-9845 RM1-S Pole bracket, short | 50 | 150 | 124 | 11 |



|                                       | C1  | C2  | C3 | H1  | H2  | M1 | Weight (kg) |
|---------------------------------------|-----|-----|----|-----|-----|----|-------------|
| ■ 105-9846 RM1-W Wall bracket, single | 375 | 105 | 80 | 175 | 155 | 6  | 1.30        |



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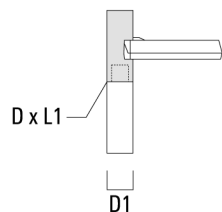
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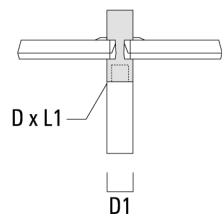


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|   | D1  | D x L   | Weight (kg) |
|---|-----|---------|-------------|
| ■ <b>105-9847</b> RM1-76 Pole bracket, single | 102 | 76 x 80 | 1.00        |



|   | D1  | D x L   | Weight (kg) |
|---|-----|---------|-------------|
| ■ <b>105-9848</b> RM2-76 Pole bracket, double | 102 | 76 x 80 | 1.00        |



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## Electrical Accessories

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### Surge Protection SP10

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■ **430-0020** SP10 Integral

## Control

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### Eco Step Dim® Advanced LED

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■ **430-0002** Eco Step Dim® Advanced LED

### Eco Step Dim® Basic LED

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■ **430-0001** Eco Step Dim® Basic LED

### P2C Prepare to Connect

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■ **430-0023** P2C Prepare to Connect

### R2C Ready to Connect

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■ **430-0019** R2C Ready to Connect