

# CORONA STREET LED EVO RM1 7100LM DALI II KL. IP66 740 SP10KV (56W)

DETAILED CARD



## TECHNICAL PARAMETERS

|                                     |        |
|-------------------------------------|--------|
| <b>Index:</b>                       | 645020 |
| <b>Ingress protection:</b>          | IP66   |
| <b>Impact resistance:</b>           | IK08   |
| <b>Nominal power [W]:</b>           | 56     |
| <b>Luminous flux [lm]*:</b>         | 7100   |
| <b>Colour temperature [K]:</b>      | 4000   |
| <b>SDCM:</b>                        | ≤ 3    |
| <b>Colour rendering index:</b>      | >70    |
| <b>Electrical protection class:</b> | II     |
| <b>Energy efficiency class:</b>     | D      |

## CHARACTERISTICS

Road LED fitting with integrated energy-saving LED module and high luminous flux. The body and handle has been made out of die cast aluminum, powder painted in gray (RAL9006). Accessory cover made out of plastic. The fitting uses directional lens matrices made of PMMA, available versions: RM1 (Road Medium 1), RW1 (Road Wide 1). Lampshade is made out of hardened glass. IP66 ingress protection class and IK08 impact-rating features make this fitting extremely tight and shock-resistant (vandal-resistant). Integrated, step-regulated grip allows to set the fitting. Beam angle adjustment: 0° to +15° (peak to pole); -15° to 0° (side to boom). Options: First class protection, DALI and LineSwitch control, ability to program 5-step power reduction, CLO - maintaining luminous flux in time. Equipped with surge protection SP10kV as standard.

## APPLICATION

This road fitting is designed to be used in open areas for lighting: highways, expressways, streets, local roads, crossroads and car-parks.

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## TECHNICAL PARAMETERS TABLE

|                                   |             |                                      |   |
|-----------------------------------|-------------|--------------------------------------|---|
| Nominal power [W]:                | 56          | Ingress protection:                  | IP66  |
| Light source:                     | LED module  | Mounting version:                    | on the pole   |
| Colour temperature [K]:           | 4000        | Working temperature [°C]:            | from -20 to +35   |
| Luminous flux [lm]:               | 7100        | Tilt angle adjustment [°]:           | 0 to +15 (peak to pole); -15 to 0 (side to boom)                            |
| Rated power of the luminaire [W]: | 56          | Lateral surface (SCx) [m2]:          | 0.020   |
| Light distribution type:          | RM1         | Number on the palette [pcs]:         | 18  |
| Supply voltage [V]:               | 220-240     | Net weight [kg]:                     | 4.300   |
| DIMM DALI:                        | yes         | CE certificate:                      | <a href="#">96/2023</a>   |
| Frequency [Hz]:                   | 50 - 60     | Index:                               | 645020  |
| Electrical protection class:      | II          | EAN:                                 | 5905963645020   |
| Energy efficiency class:          | D           | Category type:                       | street lighting   |
| Luminous efficacy [lm/W]:         | 127         | Category of application:             | parkings and bicycle paths  |
| Colour rendering index:           | >70         | Version:                             | RM1   |
| SDCM:                             | ≤ 3         | Luminaire rated power $P_{min}$ [W]: | 55.50   |
| Power factor:                     | 0.97        | AC voltage range [V]:                | 198 - 264   |
| Surge protection [kV]:            | 10          | DC voltage range [V]:                | 186 - 250   |
| Diffuser material:                | glass       | LED lifespan L90B10 [h]:             | 100000  |
| Diffuser colour:                  | transparent | Photobiological safety:              | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Optics material:                  | PMMA        | ENEC Certificate:                    | <a href="#">BBJ/005/2019</a>  |
| Optics:                           | matrix lens | Warranty [years]:                    | 5   |
| Material of the body:             | aluminium   | ETIM class:                          | EC000062  |
| Colour of the body:               | grey        | Warranty [years]:                    | 5   |
| Dimensions (H/W/T/S) [mm]:        | 648/262/128 | ULOR:                                | 0%  |
| Mounting dimensions [mm]:         | ø60         | Manual:                              | <a href="#">Download PDF</a>  |
| Impact resistance:                | IK08        | Pliik LDT:                           |   |

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## ACCESSORIES AVAILABLE

| index   | Name                     |
|---------|--------------------------|
| UL00141 | mounting grip 76mm       |
| 314049  | wall holder (galvanized) |
| 314056  | wall holder (grey)       |



mounting grip 76mm (UL00141)



wall holder (galvanized) (314049)



wall holder (grey) (314056)

Card creation date: 08 August 2022

The company reserves the right to make design changes or upgrades in the presented product. Product data sheet does not constitute an offer. \* Parameter tolerance is +/- 10%



This product is a subject to electric and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 96/2023