

# TIARA 2 LED L 11250LM 740 RM3 IP66 II CL. DALI IK09 (67W)

## DETAILED CARD



### TECHNICAL PARAMETERS

|                                    |                               |
|------------------------------------|-------------------------------|
| Index:                             | 761775                        |
| Ingress protection:                | IP66                          |
| Impact resistance:                 | IK09                          |
| Rated power of the luminaire [W]*: | 67                            |
| Luminous flux [lm]*:               | 11250                         |
| Colour temperature [K]:            | 4000                          |
| Color rendering index (Ra) >:      | 70                            |
| Electrical protection class:       | II                            |
| Optics:                            | RM3                           |
| Control:                           | Yes + 5-stage power reduction |

### CHARACTERISTICS

TIARA 2 LED L a family of LED road luminaires based on a proven form factor. It uses directional multi-lens matrices, made of PMMA, with each lens having the same optics, ensuring that the luminous characteristics remain constant over time. Components from renowned manufacturers and new LED panels contribute to the very high luminous efficacy achieved at the output of the luminaire - reaching 181 lm/W. The two-chamber construction of the luminaire maintains the tightness of the optical chamber during assembly work and allows tool-free access to the electrical equipment chamber. The upper part of the luminaire, has dedicated hinges and a safety cord. Using standard tools, quick and convenient servicing is possible, allowing the replacement of any component without having to dismantle the entire luminaire and make soldered connections. The body and handle are made of die-cast aluminium, powder-coated grey, and have a very high IP66 protection rating and IK09 mechanical impact resistance. Standard features: ergonomic light module suspension system; fully programmable DALI driver; CLO constant lumen maintenance and autonomous 5-stage power reduction functions available; NTC overheating protection; filter to prevent condensation; connection terminals; tool-free access. Additional options: NEMA, ZHAGA connectors; interfacing with control systems, RCR motion sensor; additional SP10kV protection outside the power supply, on/off power supply without power reduction function; knife disconnecter to disconnect voltage if the electrical compartment is opened; design with cable terminated with quick disconnect; painting in any RAL colour. Certifications: CE, RoHS, ENEC, ENEC+, Zhaga D4i.

### APPLICATION

Thanks to the use of dedicated optics, it is possible to illuminate objects such as: motorways, motorways, national roads, voivodeships, districts, communes, municipalities, housing estates, area lighting. Optics are also available to illuminate: pedestrian crossings, pavements and cycle paths.

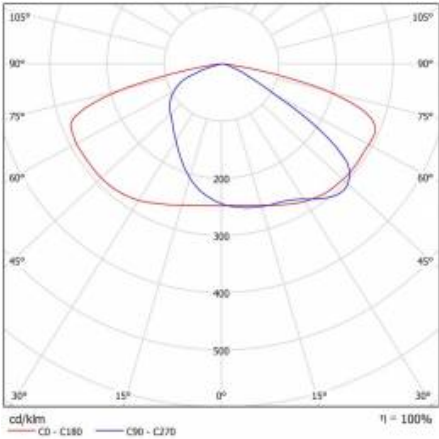
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## TECHNICAL PARAMETERS TABLE

|                                   |                 |                                          |                                                                             |
|-----------------------------------|-----------------|------------------------------------------|-----------------------------------------------------------------------------|
| Index:                            | 761775          | Exchangeable source:                     | yes                                                                         |
| EAN:                              | 5905963761775   | Material of the body:                    | powder coated aluminium                                                     |
| Category type:                    | street lighting | Colour of the body:                      | grey                                                                        |
| Category of application:          | Street lighting | Dimensions (H/W/T/S) [mm]:               | 870/122/262                                                                 |
| Version:                          | L               | Mounting dimensions [mm]:                | ø60                                                                         |
| Light source:                     | LED module      | Impact resistance:                       | IK09                                                                        |
| Rated power of the luminaire [W]: | 67              | Ingress protection:                      | IP66                                                                        |
| Supply voltage [V]:               | 220 - 240       | Mounting version:                        | Top, on pole / Side, on boom                                                |
| Frequency [Hz]:                   | 50 - 60         | Tilt angle adjustment [°]:               | -5 to +15 (peak); -15 to +5 (side)                                          |
| Luminous flux [lm]:               | 11250           | Lateral surface (SCx) [m2]:              | 0.34                                                                        |
| Luminous efficacy [lm/W]:         | 168             | Working temperature [°C]:                | from -40 to +50                                                             |
| Energy efficiency class:          | B               | DIMM DALI:                               | yes                                                                         |
| Electrical protection class:      | II              | Control:                                 | Yes + 5-stage power reduction                                               |
| Colour temperature [K]:           | 4000            | Protection type:                         | NTC + ESD                                                                   |
| Color rendering index (Ra) >:     | 70              | Net weight [kg]:                         | 6.500                                                                       |
| SDCM:                             | 5               | ULOR:                                    | 0%                                                                          |
| Power factor:                     | 0.98            | Photobiological safety:                  | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| Surge protection [kV]:            | 10              | ENEC Certificate:                        | <a href="#">0449/ENEC/25; 0163/ENEC+/25</a>                                 |
| Diffuser material:                | tempered glass  | CE certificate:                          | <a href="#">126/2025</a>                                                    |
| Diffuser type:                    | transparent     | Zhaga-D4i:                               | <a href="#">ZG407420042023</a>                                              |
| Optics material:                  | PMMA            | Environmental Product Declaration (EPD): | <a href="#">682/2024</a>                                                    |
| Optics:                           | RM3             | Manual:                                  | <a href="#">Download PDF</a>                                                |

## LIGHT CURVES



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DETAILED CARD

## ACCESSORIES AVAILABLE

| index   | Name                          |
|---------|-------------------------------|
| 314049  | wall holder (galvanized)      |
| 314056  | wall holder (grey)            |
| UL00184 | mounting grip 78 mm TIARA LED |
| 989766  | Tiara 2 LED 64mm handle cover |



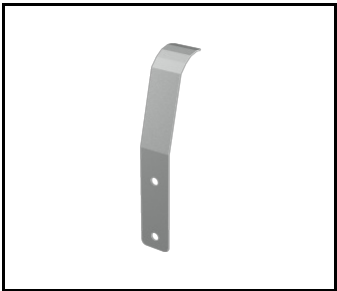
wall holder (galvanized) (314049)



wall holder (grey) (314056)



mounting grip 78 mm TIARA LED (UL00184)



Tiara 2 LED 64mm handle cover (989766)