# TIARA 2 LED S 1625LM 740 RM7HE IP66 II CL. DALI (10W)

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 434013 |
| **Ingress protection:** | IP66 |
| **Impact resistance:** | IK10 |
| **Rated power of the luminaire [W]*:** | 10 |
| **Luminous flux [lm]*:** | 1625 |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 70 |
| **Electrical protection class:** | II |
| **Optics:** | RM7HE |

## CHARACTERISTICS

TIARA 2 LED a new generation of LED road luminaires. It uses directional multi-lens arrays made of PMMA, with each lens having the same optics, ensuring that the light characteristics remain constant over time. The luminaire's dual-chamber design maintains the integrity of the optical chamber during installation work and the opening of the electrical chamber. As standard, the luminaire offers tool-free access to the electrical fixtures using two independent clips, which, if desired and needed to protect against vandalism or uncontrolled opening, can optionally be permanently secured with screws or a seal. The upper part of the luminaire, has dedicated hinges and a safety cable to prevent falling. Using standard tools, quick and convenient service is possible, allowing replacement of any component without the need to disassemble the entire fixture and make soldered connections. The body and handle made of die-cast aluminum, powder-coated in gray, is characterized by a very high degree of IP66 and IK10 impact resistance. Standard features: ergonomic light module suspension system; NTC luminaire accidental overheating protection; fully programmable DALI driver; available functions for maintaining constant lumen output during CLO and autonomous 5-stage power reduction; filter to prevent condensation; connection terminals; tool-free access. Additional options: NEMA, ZHAGA connectors; interfacing with control systems, RCR motion sensor; anti-vandal protection with screws/seal; additional SP10kV protection outside the power supply, on/off power supply without power reduction function; knife disconnect switch that disconnects voltage if the electrical compartment is opened; design with cable terminated with quick disconnect; painting in any RAL color. Certifications: CE, RoHS, ENEC, ENEC+, Zhaga D4i.

## APPLICATION

Thanks to the use of dedicated optics, it is possible to illuminate objects such as: highways, expressways, national, provincial, county, municipal, city, neighborhood, area lighting. Optics are also available to illuminate: pedestrian crossings, sidewalks and bicycle paths.

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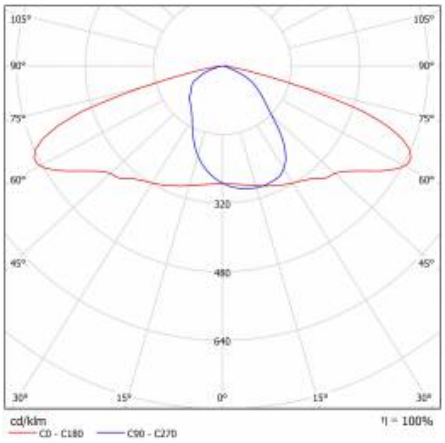
DETAILED CARD

## TECHNICAL PARAMETERS TABLE

| | |
|---|---|
| **Index:** | 434013 |
| **EAN:** | 5905963434013 |
| **ETIM class:** | EC000062 |
| **Category type:** | street lighting |
| **Product line:** | HE |
| **Version:** | S |
| **Light source:** | LED module |
| **Rated power of the luminaire [W]:** | 10 |
| **Supply voltage [V]:** | 220 - 240 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous flux [lm]:** | 1625 |
| **Luminous efficacy [lm/W]:** | 162 |
| **Energy efficiency class:** | C |
| **Electrical protection class:** | II |
| **Colour temperature [K]:** | 4000 |
| **Color rendering index (Ra) >:** | 70 |
| **SDCM:** | 4 |
| **Power factor:** | 0.94 |
| **Surge protection [kV]:** | 10 |
| **Diffuser material:** | tempered glass |
| **Diffuser type:** | transparent |
| **Optics material:** | PMMA + PC |
| **Optics:** | RM7HE |
| **Exchangeable source:** | yes |
| **Material of the body:** | powder coated aluminium |
| **Colour of the body:** | gray RAL 9006 |

| | |
|---|---|
| **Dimensions (H/W/T/S) [mm]:** | 424/251/105 |
| **Mounting dimensions [mm]:** | ø40-60/ø76 |
| **Impact resistance:** | IK10 |
| **Ingress protection:** | IP66 |
| **Mounting version:** | Top, on pole / Side, on boom |
| **Tilt angle adjustment [°]:** | from -30 to +120 (peak) and -120 to +30 (side) in 5° degrees increments |
| **Lateral surface (SCx) [m2]:** | 0.021 |
| **Working temperature [°C]:** | from -40 to +50 |
| **DIMM DALI:** | yes |
| **Control:** | Yes + 5-stage power reduction |
| **Protection type:** | NTC + ESD |
| **Vandalproof:** | yes |
| **Net weight [kg]:** | 4.280 |
| **ULOR:** | 0% |
| **Photobiological safety:** | Risk Group 1 (no photobiological hazard under normal behavioral limitation) |
| **Technical Warranty:** | 5 with the possibility of extension to 10 |
| **ENEC Certificate:** | 0449/ENEC/25/M1; 0163/ENEC+/25/A1 |
| **CE certificate:** | 91/2023 |
| **Zhaga-D4i:** | ZG407220042023 |
| **Environmental Product Declaration (EPD):** | 682/2024 |
| **Manual:** | Download PDF |
| **LED lifespan L95B10 [h]:** | 100000 |
| **Category of application:** | Street lighting |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **ENEC Plus:** | 0163/ENEC+/25/A1 |

## LIGHT CURVES

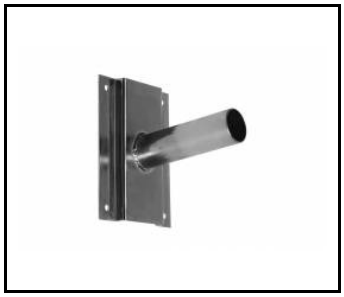


# TIARA 2 LED S 1625LM 740 RM7HE IP66 II CL. DALI (10W)

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## ACCESSORIES AVAILABLE

| index | Name |
|---|---|
| 314049 | wall holder (galvanized) |
| 314056 | wall holder (grey) |
| UL01350 | Handle fi 76mm for Tiara 2 LED M and Tiara 2 LED S |
| 813443 | Backshield P (right) Tiara 2 LED S RAL9006 |
| 813450 | Backshield L (left) Tiara 2 LED S RAL9006 |
| 813436 | Backshield T (back) Tiara 2 LED S RAL9006 |
| 804625 | TIARA 2 LED Adjustable bracket Dark Sky diameter 64 mm grey |
| 989766 | Tiara 2 LED 64mm handle cover |
| WSEL431 | HAI HD05R RC Programming Remote Control for HD0406VRH IoT |



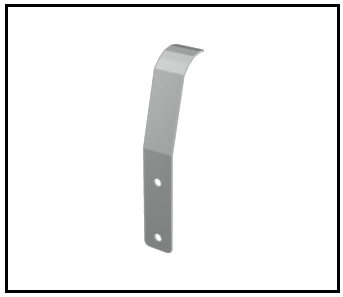
wall holder (galvanized) (314049)



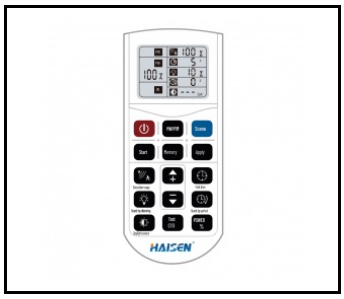
wall holder (grey) (314056)



TIARA 2 LED Adjustable bracket Dark Sky diameter 64 mm grey (804625)



Tiara 2 LED 64mm handle cover (989766)




HAI HD05R RC Programming Remote Control for HD0406VRH IoT (WSEL431)

Card creation date: 03 September 2026

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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 91/2023

LENA LIGHTING

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