## STRADO LED XS 2200LM 740 RM7HE IP66 II CL. DALI IK10 (14W)

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

**Index:** 841033

Ingress protection: IP66

Impact resistance: IK10

Rated power of the luminaire [W]\*: 14

Luminous flux [lm]\*: 2200

Colour temperature [K]: 4000

Colour rendering index: 70

Electrical protection class:

Optics: RM7HE

**Control:** 5-stage power reduction

### **CHARACTERISTICS**

Strado LED XS is a new family of LED road luminaires. 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 state-of-the-art LED panels contribute to the very high luminous efficacy achieved at the output of the luminaire - reaching 155 lm/W. The upper part of the body has a separate electrical cavity in the body, which allows for efficient cooling of all power supply components, independently of the light module. The lower surface of the luminaire is finished entirely with toughened glass, providing high aesthetic qualities. The luminaire has an outgoing cable with a quick-release connector, which allows fast, convenient and reliable installation without opening the luminaire. Using standard tools, it is possible to service the luminaire, allowing any component to be replaced without soldering. The body and fixture are made of die-cast aluminium, powder-coated grey, and have a very high P66 ingress protection rating and IKO9, IK10 mechanical impact resistance. Standard features: fully programmable DALI driver; available functions for maintaining constant luminous flux during CLO and autonomous 5-step power reduction; NTC protection against accidental overheating of the luminaire; filter to prevent condensation; outgoing cable with quick-connector. Additional options: NEMA, ZHAGA connectors on the top of the luminaire; interfacing with control systems; additional SP10kV protection outside the power supply, on/off power supply without power reduction function; painting in any RAL colour. Certifications: CE, Zhaga D4i, ENEC, ENEC+.

#### **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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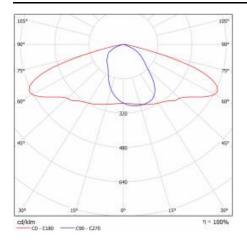
**DETAILED CARD** 

### **TECHNICAL PARAMETERS TABLE**

| Index:                            | 841033                  |
|-----------------------------------|-------------------------|
| EAN:                              | 5905963841033           |
| Category type:                    | street lighting         |
| Version:                          | XS                      |
| Light source:                     | LED module              |
| Rated power of the luminaire [W]: | 14                      |
| Supply voltage [V]:               | 220 – 240               |
| Frequency [Hz]:                   | 50 - 60                 |
| Luminous flux [lm]:               | 2200                    |
| Luminous efficacy [lm/W]:         | 157                     |
| Energy efficiency class:          | С                       |
| Electrical protection class:      | II                      |
| Colour temperature [K]:           | 4000                    |
| Colour rendering index:           | 70                      |
| Diffuser material:                | tempered glass          |
| Diffuser type:                    | transparent             |
| Optics material:                  | PMMA + PC               |
| Optics:                           | RM7HE                   |
| Material of the body:             | powder coated aluminium |
| Colour of the body:               | gray RAL 9006           |
| Dimensions (H/W/T/S) [mm]:        | 449/185/85              |
|                                   |                         |

|  | -   |  |
|--|---|--|
| Mounting dimensions [mm]:                | ø48-60                                      |  |
| Impact resistance:                       | IK10  |  |
| Ingress protection:                      | IP66  |  |
| Mounting version:                        | Top, on pole / Side, on boom                |  |
| Tilt angle adjustment [°]:               | -20 to +20                                  |  |
| Lateral surface (SCx) [m2]:              | 0.018                                       |  |
| Working temperature [°C]:                | from -40 to +50                             |  |
| DIMM DALI:                               | yes   |  |
| Control:                                 | 5-stage power reduction                     |  |
| Protection type:                         | NTC   |  |
| Net weight [kg]:                         | 3.500                                       |  |
| ULOR:                                    | 0%  |  |
| Photobiological safety:                  | RG0 - exempt (no<br>photobiological hazard) |  |
| Technical Warranty:                      | 5 with the possibility of extension to 10   |  |
| ENEC Certificate:                        | 0390/ENEC/24; 0133/ENEC+/24                 |  |
| CE certificate:                          | <u>76/2024</u>                              |  |
| Zhaga-D4i:                               | ZG436418112024                              |  |
| Environmental Product Declaration (EPD): | <u>682/2024</u>                             |  |
| Manual:                                  | Download PDF                                |  |
| LED lifespan L95B10 [h]:                 | 100000                                      |  |

### **LIGHT CURVES**





### STRADO LED XS 2200LM 740 RM7HE IP66 II CL. DALI IK10 (14W)

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### **ACCESSORIES AVAILABLE**

| index  | Name                                       |
|--------|--|
| 314049 | wall holder (galvanized)                   |
| 314056 | wall holder (grey)                         |
| 842160 | Backshield T (back) Strado LED XS RAL9006  |
| 842177 | Backshield P (right) Strado LED XS RAL9006 |
| 842184 | Backshield L (left) Strado LED XS RAL9006  |





wall holder (galvanized) (314049)

wall holder (grey) (314056)



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