STRADO LED S 3200LM 740 RM7 IP66 II CL. DALI (21W)

DETAILED CARD





TECHNICAL PARAMETERS

| Index: | 408144 |
|---------------------|--------|
| Ingress protection: | IP66 |

Impact resistance: IK10

Rated power of the luminaire [W]*:

Luminous flux [lm]*: 3200

Colour temperature [K]: 4000

Colour rendering index: 70

Electrical protection class:

Optics: RM7

Control: 5-stage power reduction

CHARACTERISTICS

STRADO LED 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 165 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 1P66 ingress protection rating and 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 SPl0kV protection outside the power supply, on/off power supply without power reduction function; 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: 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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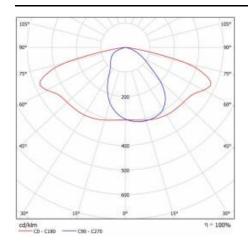
DETAILED CARD

TECHNICAL PARAMETERS TABLE

| EAN: EAN: ETIM class: Category type: Version: Light source: Rated power of the luminaire [W]: Supply voltage [V]: Frequency [Hz]: Luminous efficacy [Im/W]: Energy efficiency class: Colour temperature [K]: Colour rendering index: SDCM: Surge protection [kV]: Diffuser material: Diffuser type: Optics material: Material of the body: Diffuser coated aluminium Economics ECO00062 Street lighting S1 20 LED module 21 220 - 240 Frequency [Hz]: 50 - 60 3200 Luminous efficacy [Im/W]: 152 Energy efficiency class: C C C C C C C C C C C C C | Index: | 408144 |
|---|-----------------------------------|-------------------------|
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| Version: S Light source: LED module Rated power of the luminaire [W]: 21 Supply voltage [V]: 220 - 240 Frequency [Hz]: 50 - 60 Luminous flux [Im]: 3200 Luminous efficacy [Im/W]: 152 Energy efficiency class: C Electrical protection class: II Colour temperature [K]: 4000 Colour rendering index: 70 SDCM: ≤ 5 Surge protection [kV]: 10 Diffuser material: tempered glass transparent Optics material: PMMA Optics: RM7 Exchangeable source: yes | ETIM class: | EC000062 |
| Light source: Rated power of the luminaire [W]: Supply voltage [V]: Frequency [Hz]: Luminous flux [Im]: Luminous efficacy [Im/W]: Energy efficiency class: C Electrical protection class: Colour temperature [K]: Colour rendering index: SDCM: SUCM: S | Category type: | street lighting |
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| SDCM: ≤ 5 Surge protection [kV]: 10 Diffuser material: tempered glass Diffuser type: transparent Optics material: PMMA Optics: RM7 Exchangeable source: yes | Colour temperature [K]: | 4000 |
| Surge protection [kV]: 10 Diffuser material: tempered glass Diffuser type: transparent Optics material: PMMA Optics: RM7 Exchangeable source: yes | Colour rendering index: | 70 |
| Diffuser material: tempered glass Diffuser type: transparent Optics material: PMMA Optics: RM7 Exchangeable source: yes | SDCM: | ≤5 |
| Diffuser type: transparent Optics material: PMMA Optics: RM7 Exchangeable source: yes | Surge protection [kV]: | 10 |
| Optics material: Optics: RM7 Exchangeable source: yes | Diffuser material: | tempered glass |
| Optics: RM7 Exchangeable source: yes | Diffuser type: | transparent |
| Exchangeable source: yes | Optics material: | PMMA |
| | Optics: | RM7 |
| Material of the body: powder coated aluminium | Exchangeable source: | yes |
| | Material of the body: | powder coated aluminium |

| Colour of the body: | gray RAL 9006 |
|--|---|
| Dimensions (H/W/T/S) [mm]: | 385/265/60 |
| 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 |
| LED lifespan L90B10 [h]: | 100000 |
| DIMM DALI: | yes |
| Control: | 5-stage power reduction |
| Protection type: | NTC + ESD |
| Net weight [kg]: | 3.880 |
| 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: | 0390/ENEC/24; 0133/ENEC+/24 |
| CE certificate: | 85/2023 |
| Zhaga-D4i: | ZG415127092023 |
| Environmental Product Declaration (EPD): | 682/2024 |
| Manual: | Download PDF |
| LED lifespan L95B10 [h]: | 100000 |

LIGHT CURVES





STRADO LED S 3200LM 740 RM7 IP66 II CL. DALI (21W)

DETAILED CARD

ACCESSORIES AVAILABLE

| index | Name |
|--------|---|
| 314049 | wall holder (galvanized) |
| 314056 | wall holder (grey) |
| 842139 | Backshield T (back) Strado LED S RAL9006 |
| 842146 | Backshield P (right) Strado LED S RAL9006 |
| 842153 | Backshield L (left) Strado LED S RAL9006 |





wall holder (galvanized) (314049)

wall holder (grey) (314056)