

# SQ 300 LED PLUS LENS 2100LM 830 IP54 II KL. DALI OPAL (24W) 300MM

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |        |
|---------------------------------|--------|
| <b>Index:</b>                   | 664250 |
| <b>Ingress protection:</b>      | IP54   |
| <b>Impact resistance:</b>       | IK08   |
| <b>Nominal power [W]:</b>       | 24     |
| <b>Luminous flux [lm]*:</b>     | 2100   |
| <b>Colour temperature [K]:</b>  | 3000   |
| <b>Energy efficiency class:</b> | F      |
| <b>Material of the body:</b>    | ABS    |
| <b>Diffuser material:</b>       | PS     |
| <b>Diffuser type:</b>           | OPAL   |

## CHARACTERISTICS

SQ 300 LED is a new line of square ceiling lamps. The construction, designed from scratch, introduces new solutions ensuring excellent lighting parameters. The body is made of plastic, thanks to which it is characterized by low weight and high impact resistance (IK08). The diffuser made of PC polycarbonate provides the lamp with excellent lighting properties. Integrated LED module provides low power consumption and all the advantages of modern lamps with an LED source. The PLUS version of the luminaire line is equipped with brand components from recognized global manufacturers. It is characterized by extended life and warranty, increased light efficiency and optimal use of electricity (Power Factor).

## APPLICATION

The surface-mounted lamp for ceiling or wall mounting is intended for both indoor use - in rooms with high humidity, passageways, staircases, and outdoor use as façade lighting.

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## TECHNICAL PARAMETERS TABLE

|                                   |            |  |   |
|-----------------------------------|------------|--|---|
| Index:                            | 664250     | DIMM DALI:                               | yes   |
| Light source:                     | LED module | Dimensions of single box [mm]:           | 305/305/60  |
| Nominal power [W]:                | 24         | Net weight [kg]:                         | 0.950   |
| Rated power of the luminaire [W]: | 26         | Warranty [years]:                        | 5   |
| Supply voltage [V]:               | 220-240    | Category type:                           | bulkheads   |
| Frequency [Hz]:                   | 50 - 60    | Category of application:                 | educational institutions, HoReCa, commercial facilities |
| Luminous flux [lm]:               | 2100       | AC voltage range [V]:                    | 220 - 240   |
| Luminous efficacy [lm/W]:         | 85         | LED lifespan L70B50 [h]:                 | 120000  |
| Energy efficiency class:          | F          | LED lifespan L80B10 [h]:                 | 80000   |
| Electrical protection class:      | II         | LED lifespan L90B10 [h]:                 | 40000   |
| Colour temperature [K]:           | 3000       | Light distribution type:                 | open space  |
| Color rendering index (Ra) >:     | 80         | Power factor:                            | 0.92  |
| Beam angle [°]:                   | 120        | Working temperature [°C]:                | from -20 to +35   |
| Diffuser material:                | PS         | Permeability factor of the diffuser:     | 0.70  |
| Diffuser type:                    | OPAL       | Version:                                 | LENS  |
| Diffuser colour:                  | white      | Photobiological safety:                  | RG0 - exempt (no photobiological hazard)                |
| Optics material:                  | PMMA       | Warranty [years]:                        | 5   |
| Optics:                           | lens       | ENEC Certificate:                        | <a href="#">0316/ENEC/23</a>                            |
| Material of the body:             | ABS        | CE certificate:                          | <a href="#">111/2023</a>                                |
| Colour of the body:               | white      | PZH certificate:                         | <a href="#">B-BK-60212-0479/21</a>                      |
| Dimensions (H/W/T/S) [mm]:        | 300/300/58 | Environmental Product Declaration (EPD): | <a href="#">944/2026</a>                                |
| Mounting dimensions [mm]:         | 210        | Manual:                                  | <a href="#">Download PDF</a>                            |
| Impact resistance:                | IK08       | ISO Certificates:                        | 9001:2015, 14001:2015, 45001:2018, 50001:2018           |
| Ingress protection:               | IP54       | Plik LDT:                                | <a href="#">Download</a>                                |
| Mounting version:                 | surface    |  |   |

## LIGHT CURVES



Card creation date: 04 May 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 and electronic waste equipment regulations (WEEE).



Certificate CE - Nr: 111/2023



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