

# SQ 300 LED PLUS LENS 2300LM 840 IP54 II KL. DALI OPAL RAL9005 (24W) 300MM

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |        |
|---------------------------------|--------|
| <b>Index:</b>                   | 664205 |
| <b>Ingress protection:</b>      | IP54   |
| <b>Impact resistance:</b>       | IK08   |
| <b>Nominal power [W]:</b>       | 24     |
| <b>Luminous flux [lm]*:</b>     | 2300   |
| <b>Colour temperature [K]:</b>  | 4000   |
| <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:                            | 664205     | Ingress protection:                  | IP54  |
| Light source:                     | LED module | Mounting version:                    | surface   |
| Nominal power [W]:                | 24         | DIMM DALI:                           | yes   |
| Rated power of the luminaire [W]: | 26         | Dimensions of single box [mm]:       | 305/305/60  |
| Supply voltage [V]:               | 220-240    | Net weight [kg]:                     | 0.950   |
| Frequency [Hz]:                   | 50 - 60    | Warranty [years]:                    | 5   |
| Luminous flux [lm]:               | 2300       | Category type:                       | bulkheads   |
| Luminous efficacy [lm/W]:         | 85         | Category of application:             | HoReCa, commercial facilities, educational institutions |
| Energy efficiency class:          | F          | AC voltage range [V]:                | 220 - 240   |
| Electrical protection class:      | II         | LED lifespan L70B50 [h]:             | 120000  |
| Colour temperature [K]:           | 4000       | LED lifespan L80B20 [h]:             | 80000   |
| Colour rendering index:           | >80        | LED lifespan L90B10 [h]:             | 40000   |
| Beam angle [°]:                   | 120        | Light distribution type:             | open space  |
| Diffuser material:                | PS         | Power factor:                        | 0.92  |
| Diffuser type:                    | OPAL       | Working temperature [°C]:            | from -20 to +35   |
| Diffuser colour:                  | white      | Permeability factor of the diffuser: | 0.70  |
| Optics material:                  | PMMA       | Version:                             | LENS  |
| Optics:                           | lens       | Photobiological safety:              | RG0 - exempt (no photobiological hazard)                |
| Material of the body:             | ABS        | Warranty [years]:                    | 5   |
| Colour of the body:               | black      | ENEC Certificate:                    | <a href="#">0316/ENEC/23</a>                            |
| Dimensions (H/W/T/S) [mm]:        | 300/300/58 | CE certificate:                      | <a href="#">111/2023</a>                                |
| Mounting dimensions [mm]:         | 210        | PZH certificate:                     | <a href="#">B-BK-60212-0479/21</a>                      |
| Impact resistance:                | IK08       | Manual:                              | <a href="#">Download PDF</a>                            |

## LIGHT CURVES



Card creation date: 17 July 2024

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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