

# SQ 300 LED PLUS 2800 LM 840 IP54 II KL. DALI OPAL RAL9005 (25W) 300MM

DETAILED CARD



## TECHNICAL PARAMETERS

|                          |        |
|--------------------------|--------|
| Index:                   | 665851 |
| Ingress protection:      | IP54   |
| Impact resistance:       | IK08   |
| Nominal power [W]:       | 25     |
| Luminous flux [lm]*:     | 2800   |
| Colour temperature [K]:  | 4000   |
| Energy efficiency class: | E      |
| Material of the body:    | ABS    |
| Diffuser material:       | PS     |
| Diffuser type:           | 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

|                                   |            |                                      |   |
|-----------------------------------|------------|--------------------------------------|---|
| Nominal power [W]:                | 25         | Mounting version:                    | surface   |
| Index:                            | 665851     | Dimensions of single box [mm]:       | 305/305/60  |
| Colour temperature [K]:           | 4000       | Net weight [kg]:                     | 0.948   |
| Luminous flux [lm]:               | 2800       | Warranty [years]:                    | 5   |
| Rated power of the luminaire [W]: | 28         | Category type:                       | bulkheads   |
| Diffuser type:                    | OPAL       | Category of application:             | HoReCa, commercial facilities, educational institutions |
| Supply voltage [V]:               | 220 - 240  | AC voltage range [V]:                | 198-264   |
| Frequency [Hz]:                   | 50 - 60    | LED lifespan L70B50 [h]:             | 120000  |
| DIMM DALI:                        | yes        | LED lifespan L80B20 [h]:             | 80000   |
| Colour of the body:               | black      | LED lifespan L90B10 [h]:             | 40000   |
| Luminous efficacy [lm/W]:         | 96         | Light distribution type:             | open space  |
| Energy efficiency class:          | E          | SDCM:                                | ≤ 3   |
| Electrical protection class:      | II         | Power factor:                        | 0.92  |
| Beam angle [°]:                   | 120        | Surge protection [kV]:               | 1   |
| Diffuser material:                | PS         | Working temperature [°C]:            | from -20 to +35   |
| Diffuser colour:                  | white      | Permeability factor of the diffuser: | 0.70  |
| Optics material:                  | PMMA       | Glow wire test [°C]:                 | 650   |
| Material of the body:             | ABS        | Photobiological safety:              | RG0 - exempt (no photobiological hazard)                |
| Dimensions (H/W/T/S) [mm]:        | 300/300/58 | Warranty [years]:                    | 5   |
| Mounting dimensions [mm]:         | 210        | ENEC Certificate:                    | <a href="#">0316/ENEC/23</a>                            |
| Impact resistance:                | IK08       | CE certificate:                      | <a href="#">111/2023</a>                                |
| Ingress protection:               | IP54       | PZH certificate:                     | <a href="#">B-BK-60212-0479/21</a>                      |
|                                   |            | Manual:                              | <a href="#">Download PDF</a>                            |
|                                   |            | Plik LDT:                            | <a href="#">Download</a>                                |

## LIGHT CURVES



Card creation date: 03 January 2025  
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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