

# SQ 300 LED PLUS LENS 2250 LM 830 IP54 II KL. DALI RCR OPAL RAL9005 (25W) 300MM CORRIDOR

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |        |
|---------------------------------|--------|
| <b>Index:</b>                   | 665714 |
| <b>Ingress protection:</b>      | IP54   |
| <b>Impact resistance:</b>       | IK08   |
| <b>Nominal power [W]:</b>       | 25     |
| <b>Luminous flux [lm]*:</b>     | 2250   |
| <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.

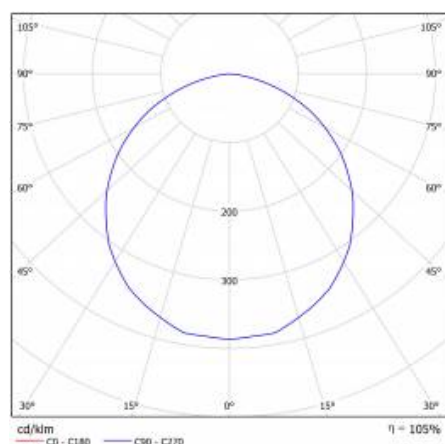
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## TECHNICAL PARAMETERS TABLE

|                                   |            |                                      |  |
|-----------------------------------|------------|--------------------------------------|--|
| Index:                            | 665714     | Dimensions of single box [mm]:       | 305/305/60   |
| Nominal power [W]:                | 25         | Net weight [kg]:                     | 1.170  |
| Rated power of the luminaire [W]: | 28         | Warranty [years]:                    | 5  |
| Supply voltage [V]:               | 220 - 240  | Category type:                       | bulkheads  |
| Frequency [Hz]:                   | 50 - 60    | Category of application:             | HoReCa, commercial facilities,<br>educational institutions |
| Luminous flux [lm]:               | 2250       | AC voltage range [V]:                | 176 - 280  |
| Luminous efficacy [lm/W]:         | 78         | LED lifespan L70B50 [h]:             | 120000   |
| Energy efficiency class:          | F          | LED lifespan L80B20 [h]:             | 80000  |
| Electrical protection class:      | II         | LED lifespan L90B10 [h]:             | 40000  |
| Colour temperature [K]:           | 3000       | Light distribution type:             | open space   |
| Beam angle [°]:                   | 120        | SDCM:                                | ≤ 3  |
| Diffuser material:                | PS         | Power factor:                        | 0.92   |
| Diffuser type:                    | OPAL       | Surge protection [kV]:               | 1  |
| Diffuser colour:                  | white      | Working temperature [°C]:            | from -20 to +35  |
| Optics material:                  | PMMA       | Corridor function:                   | yes  |
| Optics:                           | lens       | Permeability factor of the diffuser: | 0.70   |
| Material of the body:             | ABS        | Glow wire test [°C]:                 | 650  |
| Colour of the body:               | black      | Version:                             | LENS   |
| Dimensions (H/W/T/S) [mm]:        | 300/300/58 | Photobiological safety:              | RG0 - exempt (no<br>photobiological hazard)                |
| Mounting dimensions [mm]:         | 210        | Warranty [years]:                    | 5  |
| Impact resistance:                | IK08       | ENEC Certificate:                    | <a href="#">0316/ENEC/23</a>                               |
| Ingress protection:               | IP54       | CE certificate:                      | <a href="#">111/2023</a>                                   |
| Mounting version:                 | surface    | PZH certificate:                     | <a href="#">B-BK-60212-0479/21</a>                         |
| Motion sensor:                    | yes        | Manual:                              | <a href="#">Download PDF</a>                               |
| DIMM DALI:                        | yes        |                                      |  |

## 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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