

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

DETAILED CARD



## TECHNICAL PARAMETERS

|                          |        |
|--------------------------|--------|
| Index:                   | 665769 |
| 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.

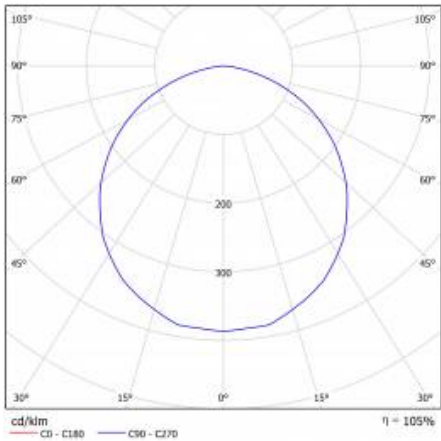
# SQ 300 LED PLUS 2800 LM 840 IP54 II KL. OPAL (25W) 300MM

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

|                                   |            |                                      |   |
|-----------------------------------|------------|--------------------------------------|---|
| Index:                            | 665769     | Net weight [kg]:                     | 0.858   |
| Nominal power [W]:                | 25         | Warranty [years]:                    | 5   |
| Rated power of the luminaire [W]: | 28         | Category type:                       | bulkheads   |
| Supply voltage [V]:               | 220 - 240  | Category of application:             | educational institutions, HoReCa, commercial facilities |
| Frequency [Hz]:                   | 50 - 60    | AC voltage range [V]:                | 198-264   |
| Luminous flux [lm]:               | 2800       | LED lifespan L70B50 [h]:             | 120000  |
| Luminous efficacy [lm/W]:         | 96         | LED lifespan L80B20 [h]:             | 80000   |
| Energy efficiency class:          | E          | LED lifespan L90B10 [h]:             | 40000   |
| Electrical protection class:      | II         | Light distribution type:             | open space  |
| Colour temperature [K]:           | 4000       | SDCM:                                | ≤ 3   |
| Beam angle [°]:                   | 120        | Power factor:                        | 0.93  |
| Diffuser material:                | PS         | Surge protection [kV]:               | 1   |
| Diffuser type:                    | OPAL       | 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)                |
| Colour of the body:               | white      | Warranty [years]:                    | 5   |
| Dimensions (H/W/T/S) [mm]:        | 300/300/58 | ENEC Certificate:                    | <a href="#">0316/ENEC/23</a>                            |
| Mounting dimensions [mm]:         | 210        | CE certificate:                      | <a href="#">111/2023</a>                                |
| Impact resistance:                | IK08       | PZH certificate:                     | <a href="#">B-BK-60212-0479/21</a>                      |
| Ingress protection:               | IP54       | Manual:                              | <a href="#">Download PDF</a>                            |
| Mounting version:                 | surface    | Plik LDT:                            | <a href="#">Download</a>                                |
| Dimensions of single box [mm]:    | 305/305/60 |                                      |   |

## 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).

CE Certificate CE - Nr: 111/2023



Lena Lighting S.A.  
ul. Kórnicka 52, 63-000 Środa Wielkopolska  
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: [hello@lenalighting.pl](mailto:hello@lenalighting.pl), [www.lenalighting.pl](http://www.lenalighting.pl)