

# SQ 300 LED PLUS 2400 LM 830 IP54 II KL. AW3H AT OPAL RAL9005 (25W) 300MM

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |        |
|---------------------------------|--------|
| <b>Index:</b>                   | 665912 |
| <b>Ingress protection:</b>      | IP54   |
| <b>Impact resistance:</b>       | IK08   |
| <b>Nominal power [W]:</b>       | 25     |
| <b>Luminous flux [lm]*:</b>     | 2400   |
| <b>Colour temperature [K]:</b>  | 3000   |
| <b>SDCM:</b>                    | ≤ 3    |
| <b>Energy efficiency class:</b> | F      |
| <b>Material of the body:</b>    | ABS    |

## CHARACTERISTICS

SQ 300 LED AW 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.

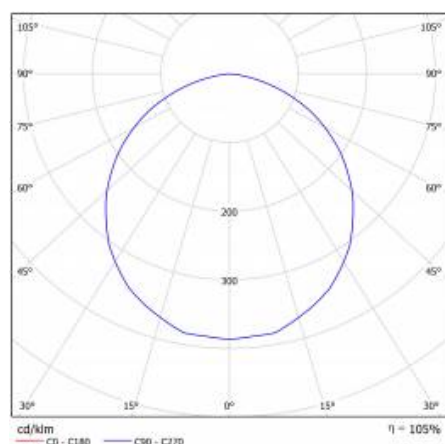
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## TECHNICAL PARAMETERS TABLE

|                                |               |                                |   |
|--------------------------------|---------------|--------------------------------|---|
| Nominal power [W]:             | 25            | Glow wire test [°C]:           | 650   |
| Index:                         | 665912        | Mounting version:              | surface   |
| Colour temperature [K]:        | 3000          | Working temperature [°C]:      | from -20 to +35   |
| EAN:                           | 5905963665912 | Emergency lighting [h]:        | 3   |
| Luminous flux [lm]:            | 2400          | Dimensions of single box [mm]: | 305/305/60  |
| Emergency luminous flux [lm]*: | 145           | Number on the palette [pcs]:   | 120   |
| Diffuser type:                 | OPAL          | Net weight [kg]:               | 1.008   |
| Supply voltage [V]:            | 220 - 240     | Category type:                 | bulkheads   |
| Frequency [Hz]:                | 50 - 60       | Category of application:       | HoReCa, commercial facilities, educational institutions |
| Luminous efficacy [lm/W]:      | 84            | AC voltage range [V]:          | 198-264   |
| Energy efficiency class:       | F             | LED lifespan L70B50 [h]:       | 120000  |
| Electrical protection class:   | II            | LED lifespan L80B20 [h]:       | 80000   |
| SDCM:                          | ≤ 3           | LED lifespan L90B10 [h]:       | 40000   |
| Power factor:                  | 0.93          | Light distribution type:       | open space  |
| Beam angle [°]:                | 120           | Photobiological safety:        | RG0 - exempt (no photobiological hazard)                |
| Surge protection [kV]:         | 1             | Technical Warranty:            | 2 / 0.5 (battery)                                       |
| Diffuser material:             | PS            | CE certificate:                | <a href="#">111/2023</a>                                |
| Diffuser colour:               | white         | ENEC Certificate:              | <a href="#">0316/ENEC/23</a>                            |
| Optics material:               | PMMA          | PZH certificate:               | <a href="#">B-BK-60212-0479/21</a>                      |
| Colour of the body:            | black         | CNBOP certificate:             | <a href="#">5152/2023</a>                               |
| Material of the body:          | ABS           | Manual:                        | <a href="#">Download PDF</a>                            |
| Dimensions (H/W/T/S) [mm]:     | 300/300/58    |                                |   |
| Mounting dimensions [mm]:      | 210           |                                |   |
| Impact resistance:             | IK08          |                                |   |
| Ingress protection:            | IP54          |                                |   |

## LIGHT CURVES



Card creation date: 09 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



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, www.lenalighting.pl