

# SQ 300 LED PLUS 2800 LM 840 IP54 II KL. AW3H AT OPAL (25W) 300MM

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |        |
|---------------------------------|--------|
| <b>Index:</b>                   | 665882 |
| <b>Ingress protection:</b>      | IP54   |
| <b>Impact resistance:</b>       | IK08   |
| <b>Nominal power [W]:</b>       | 25     |
| <b>Luminous flux [lm]*:</b>     | 2800   |
| <b>Colour temperature [K]:</b>  | 4000   |
| <b>SDCM:</b>                    | ≤ 3    |
| <b>Energy efficiency class:</b> | E      |
| <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

|                                |               |                                |   |
|--------------------------------|---------------|--------------------------------|---|
| Index:                         | 665882        | Impact resistance:             | IK08  |
| EAN:                           | 5905963665882 | Ingress protection:            | IP54  |
| Nominal power [W]:             | 25            | Glow wire test [°C]:           | 650   |
| Supply voltage [V]:            | 220 - 240     | Mounting version:              | surface   |
| Frequency [Hz]:                | 50 - 60       | Working temperature [°C]:      | from -20 to +35   |
| Luminous flux [lm]:            | 2800          | Emergency lighting [h]:        | 3   |
| Emergency luminous flux [lm]*: | 145           | Dimensions of single box [mm]: | 305/305/60  |
| Luminous efficacy [lm/W]:      | 96            | Number on the palette [pcs]:   | 120   |
| Energy efficiency class:       | E             | Net weight [kg]:               | 1.008   |
| Electrical protection class:   | II            | Category type:                 | dual-function luminaires                                |
| Colour temperature [K]:        | 4000          | Category of application:       | educational institutions, HoReCa, commercial facilities |
| SDCM:                          | ≤ 3           | AC voltage range [V]:          | 198-264   |
| Power factor:                  | 0.93          | LED lifespan L70B50 [h]:       | 120000  |
| Beam angle [°]:                | 120           | LED lifespan L80B20 [h]:       | 80000   |
| Surge protection [kV]:         | 1             | LED lifespan L90B10 [h]:       | 40000   |
| Diffuser material:             | PS            | Light distribution type:       | open space  |
| Diffuser type:                 | OPAL          | Photobiological safety:        | RG0 - exempt (no photobiological hazard)                |
| Diffuser colour:               | white         | Technical Warranty:            | 2 / 0.5 (battery)                                       |
| Optics material:               | PMMA          | CE certificate:                | <a href="#">111/2023</a>                                |
| Material of the body:          | ABS           | ENEC Certificate:              | <a href="#">0316/ENEC/23</a>                            |
| Colour of the body:            | white         | PZH certificate:               | <a href="#">B-BK-60212-0479/21</a>                      |
| Dimensions (H/W/T/S) [mm]:     | 300/300/58    | CNBOP certificate:             | 5152/2023   |
| Mounting dimensions [mm]:      | 210           | Manual:                        | <a href="#">Download PDF</a>                            |

## 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



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