

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

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |        |
|---------------------------------|--------|
| <b>Index:</b>                   | 665967 |
| <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.

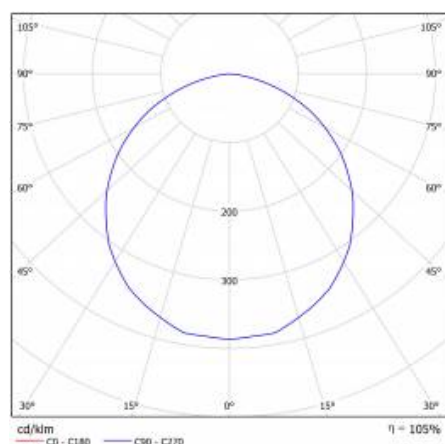
# SQ 300 LED PLUS 2800 LM 840 IP54 II KL. DALI RCR AW3H AT OPAL (25W) 300MM CORRIDOR

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## TECHNICAL PARAMETERS TABLE

|                                |               |                                |   |
|--------------------------------|---------------|--------------------------------|---|
| Nominal power [W]:             | 25            | Impact resistance:             | IK08  |
| Index:                         | 665967        | Ingress protection:            | IP54  |
| Colour temperature [K]:        | 4000          | Glow wire test [°C]:           | 650   |
| EAN:                           | 5905963665967 | Mounting version:              | surface   |
| Luminous flux [lm]:            | 2800          | Working temperature [°C]:      | from -20 to +35   |
| Emergency luminous flux [lm]*: | 145           | Corridor function:             | yes   |
| Diffuser type:                 | OPAL          | Motion sensor:                 | yes   |
| Supply voltage [V]:            | 220 - 240     | Emergency lighting [h]:        | 3   |
| Frequency [Hz]:                | 50 - 60       | DIMM DALI:                     | yes   |
| Luminous efficacy [lm/W]:      | 96            | Dimensions of single box [mm]: | 305/305/60  |
| Energy efficiency class:       | E             | Number on the palette [pcs]:   | 120   |
| Electrical protection class:   | II            | Net weight [kg]:               | 1.148   |
| SDCM:                          | ≤ 3           | Category type:                 | bulkheads   |
| Power factor:                  | 0.92          | Category of application:       | HoReCa, commercial facilities, educational institutions |
| Charging time [h:min]:         | 48            | AC voltage range [V]:          | 176 - 280   |
| Battery life [h:min]:          | 3             | LED lifespan L70B50 [h]:       | 120000  |
| Max load (RCR) [W]:            | 400           | LED lifespan L80B20 [h]:       | 80000   |
| Beam angle [°]:                | 120           | LED lifespan L90B10 [h]:       | 40000   |
| Battery:                       | NiMh          | Light distribution type:       | open space  |
| Surge protection [kV]:         | 1             | Photobiological safety:        | RG0 - exempt (no photobiological hazard)                |
| Diffuser material:             | PS            | Technical Warranty:            | 2 / 0.5 (battery)                                       |
| Diffuser colour:               | white         | CE certificate:                | <a href="#">111/2023</a>                                |
| Optics material:               | PMMA          | ENEC Certificate:              | <a href="#">0316/ENEC/23</a>                            |
| Colour of the body:            | white         | PZH certificate:               | <a href="#">B-BK-60212-0479/21</a>                      |
| Material of the body:          | ABS           | CNBOP certificate:             | <a href="#">5152/2023</a>                               |
| Dimensions (H/W/T/S) [mm]:     | 300/300/58    | Manual:                        | <a href="#">Download PDF</a>                            |
| Mounting dimensions [mm]:      | 210           |                                |   |

## 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

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