# SQ 300 LED PLUS LENS 2300LM 840 IP54 II KL. DALI RCR AW 3H AT OPAL (24W) 300MM CORRIDOR

DETAILED CARD

## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 664359 |
| **Ingress protection:** | IP54 |
| **Impact resistance:** | IK08 |
| **Nominal power [W]:** | 24 |
| **Luminous flux [lm]*:** | 2300 |
| **Colour temperature [K]:** | 4000 |
| **SDCM:** | 3 |
| **Energy efficiency class:** | F |
| **Material of the body:** | 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.

LENA LIGHTING

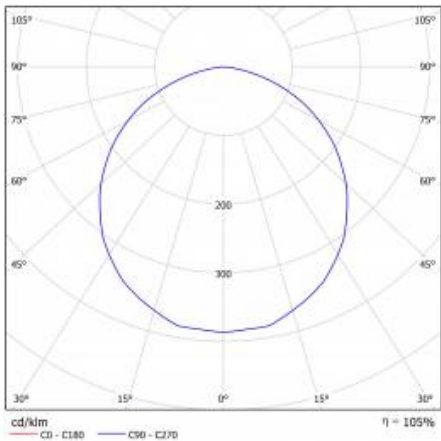# SQ 300 LED PLUS LENS 2300LM 840 IP54 II KL. DALI RCR AW 3H AT OPAL (24W) 300MM CORRIDOR

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## TECHNICAL PARAMETERS TABLE

| | | | |
|---|---|---|---|
| **Index:** | 664359 | **Impact resistance:** | IK08 |
| **Light source:** | LED module | **Ingress protection:** | IP54 |
| **Nominal power [W]:** | 24 | **Mounting version:** | surface |
| **Supply voltage [V]:** | 220 - 240 | **Working temperature [°C]:** | from -20 to +35 |
| **DC voltage range [V]:** | 176 - 280 | **Corridor function:** | yes |
| **Frequency [Hz]:** | 50 - 60 | **Motion sensor:** | yes |
| **Luminous flux [lm]:** | 2300 | **Emergency lighting [h]:** | 3 |
| **Emergency luminous flux [lm]*:** | 145 | **DIMM DALI:** | yes |
| **Luminous efficacy [lm/W]:** | 85 | **Dimensions of single box [mm]:** | 305x305x60 |
| **Energy efficiency class:** | F | **Number on the palette [pcs]:** | 120 |
| **Electrical protection class:** | II | **Net weight [kg]:** | 1.200 |
| **Colour temperature [K]:** | 4000 | **Category type:** | dual-function luminaires |
| **SDCM:** | 3 | **Category of application:** | educational institutions, HoReCa, commercial facilities |
| **Power factor:** | 0.92 | **Version:** | LENS |
| **Charging time [h:min]:** | 48 | **Operating mode:** | network-emergency |
| **Battery life [h:min]:** | 3 | **AC voltage range [V]:** | 198 -264 |
| **Max load (RCR) [W]:** | 400 | **Battery capacity [mAh]:** | 2100 |
| **Beam angle [°]:** | 120 | **LED lifespan L70B50 [h]:** | 120000 |
| **Battery:** | NiMh | **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:** | 5 |
| **Optics material:** | PMMA | **CE certificate:** | 111/2023 |
| **Optics:** | lens | **ENEC Certificate:** | 0316/ENEC/23 |
| **Material of the body:** | ABS | **PZH certificate:** | B-BK-60212-0479/21 |
| **Colour of the body:** | white | **CNBOP certificate:** | 5152/2023 |
| **Dimensions (H/W/T/S) [mm]:** | 300/300/58 | **Manual:** | Download PDF |
| **Mounting dimensions [mm]:** | 210 | **Plik LDT:** | Download |

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## LIGHT CURVES

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%

$C\!\epsilon$ Certificate CE - Nr: 111/2023

**LENA LIGHTING**

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Page 3/3