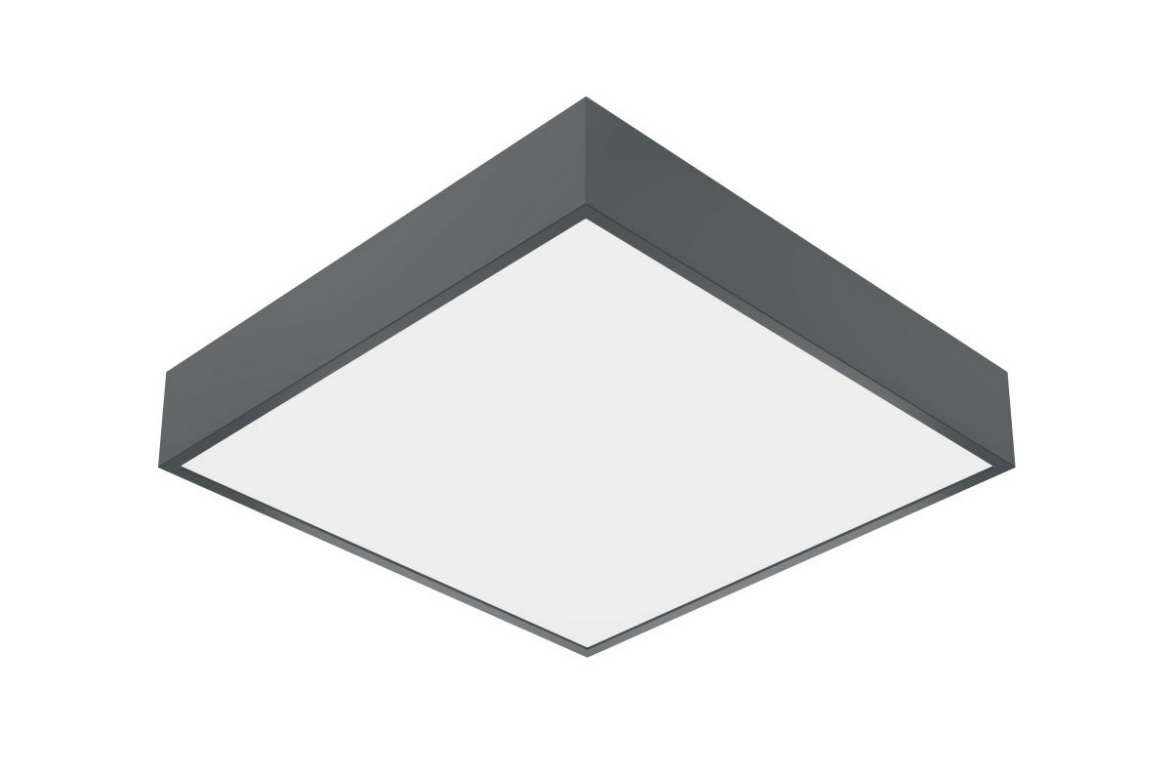
# SQ 300 LED PLUS LENS 2300LM 840 IP54 II KL. DALI RCR AW 3H AT OPAL RAL9005 (24W) 300MM CORRIDOR

DETAILED CARD



## TECHNICAL PARAMETERS

| | |
|---|---|
| **Index:** | 664366 |
| **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.

# SQ 300 LED PLUS LENS 2300LM 840 IP54 II KL. DALI RCR AW 3H AT OPAL RAL9005 (24W) 300MM CORRIDOR

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

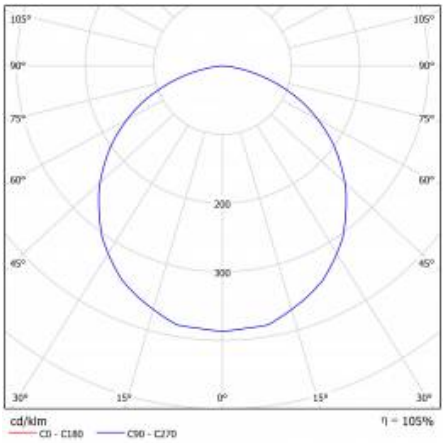
| | |
|---|---|
| **Index:** | 664366 |
| **Light source:** | LED module |
| **Nominal power [W]:** | 24 |
| **Supply voltage [V]:** | 220 - 240 |
| **DC voltage range [V]:** | 176 - 280 |
| **Frequency [Hz]:** | 50 - 60 |
| **Luminous flux [lm]:** | 2300 |
| **Emergency luminous flux [lm]*:** | 145 |
| **Luminous efficacy [lm/W]:** | 85 |
| **Energy efficiency class:** | F |
| **Electrical protection class:** | II |
| **Colour temperature [K]:** | 4000 |
| **SDCM:** | 3 |
| **Power factor:** | 0.92 |
| **Charging time [h:min]:** | 48 |
| **Battery life [h:min]:** | 3 |
| **Max load (RCR) [W]:** | 400 |
| **Beam angle [°]:** | 120 |
| **Battery:** | NiMh |
| **Surge protection [kV]:** | 1 |
| **Diffuser material:** | PS |
| **Diffuser type:** | OPAL |
| **Diffuser colour:** | white |
| **Optics material:** | PMMA |
| **Optics:** | lens |
| **Material of the body:** | ABS |
| **Colour of the body:** | black |
| **Dimensions (H/W/T/S) [mm]:** | 300/300/58 |
| **Mounting dimensions [mm]:** | 210 |
| **Impact resistance:** | IK08 |

| | |
|---|---|
| **Ingress protection:** | IP54 |
| **Mounting version:** | surface |
| **Working temperature [°C]:** | from -20 to +35 |
| **Corridor function:** | yes |
| **Motion sensor:** | yes |
| **Emergency lighting [h]:** | 3 |
| **DIMM DALI:** | yes |
| **Dimensions of single box [mm]:** | 305x305x60 |
| **Number on the palette [pcs]:** | 120 |
| **Net weight [kg]:** | 1.200 |
| **Category type:** | dual-function luminaires |
| **Category of application:** | educational institutions, HoReCa, commercial facilities |
| **Version:** | LENS |
| **Operating mode:** | network-emergency |
| **AC voltage range [V]:** | 198 -264 |
| **Battery capacity [mAh]:** | 2100 |
| **LED lifespan L70B50 [h]:** | 120000 |
| **LED lifespan L80B10 [h]:** | 80000 |
| **LED lifespan L90B10 [h]:** | 40000 |
| **Light distribution type:** | open space |
| **Photobiological safety:** | RG0 - exempt (no photobiological hazard) |
| **Technical Warranty:** | 5 |
| **CE certificate:** | 111/2023 |
| **ENEC Certificate:** | 0316/ENEC/23 |
| **PZH certificate:** | B-BK-60212-0479/21 |
| **CNBOP certificate:** | 5152/2023 |
| **Environmental Product Declaration (EPD):** | 944/2026 |
| **Manual:** | Download PDF |
| **ISO Certificates:** | 9001:2015, 14001:2015, 45001:2018, 50001:2018 |
| **Plik LDT:** | Download |

# SQ 300 LED PLUS LENS 2300LM 840 IP54 II KL. DALI RCR AW 3H AT OPAL RAL9005 (24W) 300MM CORRIDOR

DETAILED CARD

**LIGHT CURVES**




Card creation date: 04 May 2026

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 andelectronic waste equipment regulations (WEEE).

Certificate CE - Nr: 111/2023

LENA LIGHTING

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