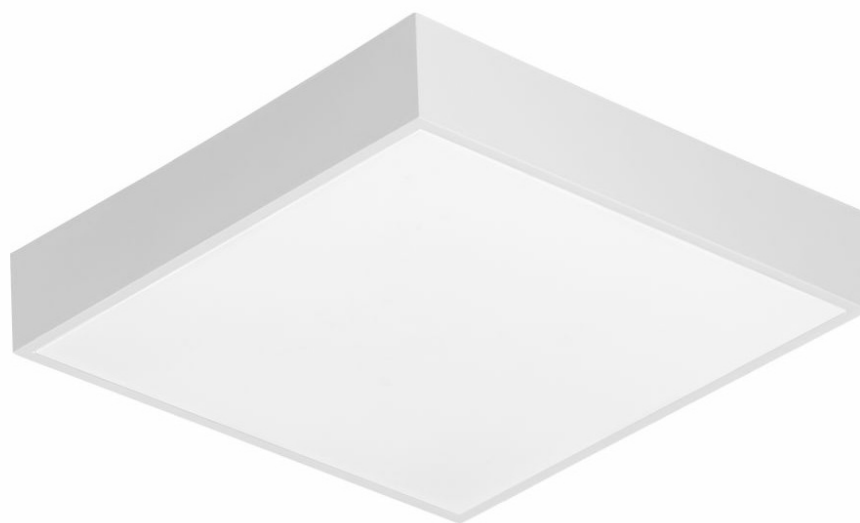


# SQ 300 LED PLUS LENS 2300LM 840 IP54 II KL. DALI RCR AW 3H AT OPAL (24W) 300MM CORRIDOR

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |        |
|---------------------------------|--------|
| <b>Index:</b>                   | 664359 |
| <b>Ingress protection:</b>      | IP54   |
| <b>Impact resistance:</b>       | IK08   |
| <b>Nominal power [W]:</b>       | 24     |
| <b>Luminous flux [lm]*:</b>     | 2300   |
| <b>Colour temperature [K]:</b>  | 4000   |
| <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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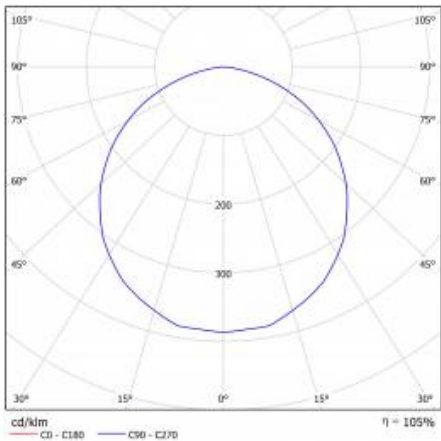
DETAILED CARD

## 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   |
| Frequency [Hz]:                | 50 - 60    | Corridor function:             | yes   |
| Luminous flux [lm]:            | 2300       | Motion sensor:                 | yes   |
| Emergency luminous flux [lm]*: | 145        | Emergency lighting [h]:        | 3   |
| Luminous efficacy [lm/W]:      | 85         | DIMM DALI:                     | yes   |
| Energy efficiency class:       | F          | Dimensions of single box [mm]: | 305x305x60  |
| Electrical protection class:   | II         | Number on the palette [pcs]:   | 120   |
| Colour temperature [K]:        | 4000       | Net weight [kg]:               | 1.200   |
| SDCM:                          | ≤ 3        | Category type:                 | dual-function luminaires                                |
| Power factor:                  | 0.92       | Category of application:       | educational institutions, HoReCa, commercial facilities |
| Charging time [h:min]:         | 48         | Version:                       | LENS  |
| Battery life [h:min]:          | 3          | AC voltage range [V]:          | 198 -264  |
| Max load (RCR) [W]:            | 400        | LED lifespan L70B50 [h]:       | 120000  |
| Beam angle [°]:                | 120        | LED lifespan L80B20 [h]:       | 80000   |
| Battery:                       | NiMh       | LED lifespan L90B10 [h]:       | 40000   |
| Surge protection [kV]:         | 1          | Light distribution type:       | open space  |
| Diffuser material:             | PS         | Photobiological safety:        | RG0 - exempt (no photobiological hazard)                |
| Diffuser type:                 | OPAL       | Technical Warranty:            | 5   |
| Diffuser colour:               | white      | CE certificate:                | <a href="#">111/2023</a>                                |
| Optics material:               | PMMA       | ENEC Certificate:              | <a href="#">0316/ENEC/23</a>                            |
| Optics:                        | lens       | PZH certificate:               | <a href="#">B-BK-60212-0479/21</a>                      |
| Material of the body:          | ABS        | CNBOP certificate:             | 5152/2023   |
| Colour of the body:            | white      | Manual:                        | <a href="#">Download PDF</a>                            |
| Dimensions (H/W/T/S) [mm]:     | 300/300/58 | Battery capacity [mAh]:        | 2100  |
| Mounting dimensions [mm]:      | 210        | DC voltage range [V]:          | 176 - 280   |

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

## DETAILED CARD 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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