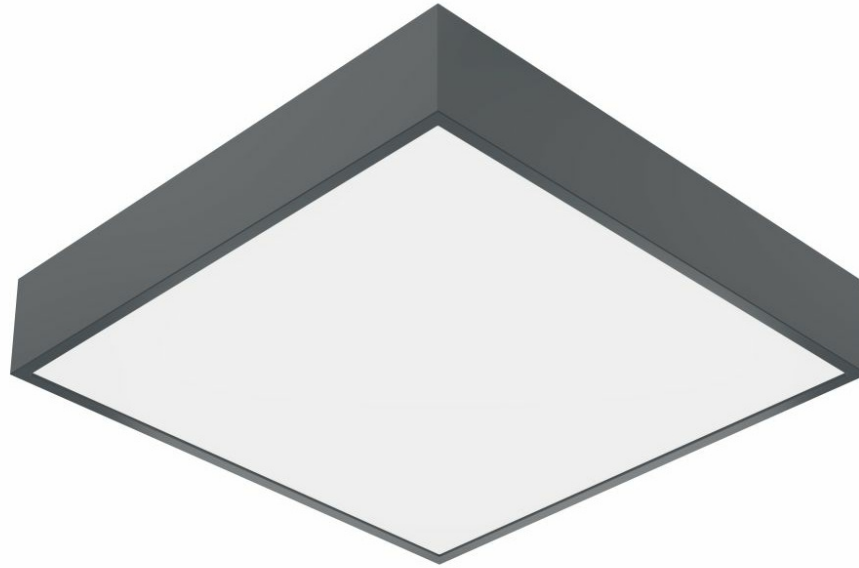


# SQ 300 LED PLUS 2800 LM 840 IP54 II KL. DALI RCR AW3H AT OPAL RAL9005 (25W) 300MM CORRIDOR

DETAILED CARD



## TECHNICAL PARAMETERS

|                                 |        |
|---------------------------------|--------|
| <b>Index:</b>                   | 665974 |
| <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.

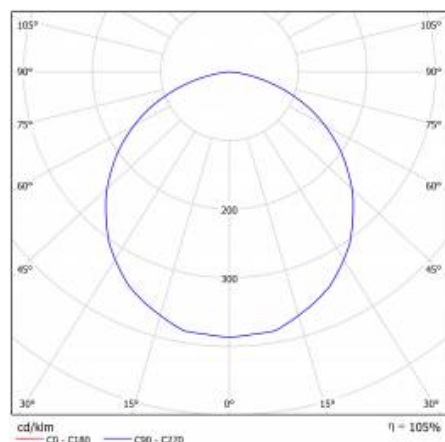
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## TECHNICAL PARAMETERS TABLE

|                                |               |                                |   |
|--------------------------------|---------------|--------------------------------|---|
| Index:                         | 665974        | Impact resistance:             | IK08  |
| EAN:                           | 5905963665974 | 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          | Corridor function:             | yes   |
| Emergency luminous flux [lm]*: | 145           | Motion sensor:                 | yes   |
| Luminous efficacy [lm/W]:      | 96            | Emergency lighting [h]:        | 3   |
| Energy efficiency class:       | E             | DIMM DALI:                     | yes   |
| Electrical protection class:   | II            | Dimensions of single box [mm]: | 305/305/60  |
| Colour temperature [K]:        | 4000          | Number on the palette [pcs]:   | 120   |
| SDCM:                          | ≤ 3           | Net weight [kg]:               | 1.148   |
| Power factor:                  | 0.92          | Category type:                 | bulkheads   |
| Charging time [h:min]:         | 48            | Category of application:       | HoReCa, commercial facilities, educational institutions |
| Battery life [h:min]:          | 3             | AC voltage range [V]:          | 176 - 280   |
| 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:            | 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>                            |
| Material of the body:          | ABS           | PZH certificate:               | <a href="#">B-BK-60212-0479/21</a>                      |
| Colour of the body:            | black         | 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: 17 July 2024

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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