# SQ 300 LED PLUS LENS 2100LM 830 IP54 II KL. AW3H AT OPAL (24W) 300MM

**DETAILED CARD** 





### **TECHNICAL PARAMETERS**

| Index:                   | 664267 |
|--------------------------|--------|
| Ingress protection:      | IP54   |
| Impact resistance:       | IK08   |
| Nominal power [W]:       | 24     |
| Luminous flux [lm]*:     | 2100   |
| Colour temperature [K]:  | 3000   |
| Colour rendering index:  | 80     |
| 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 (IKO8). 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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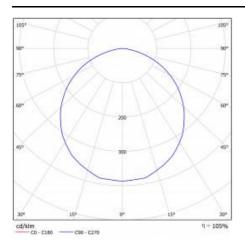
**DETAILED CARD** 

# **TECHNICAL PARAMETERS TABLE**

| Index:                         | 664267        |
|--------------------------------|---------------|
| EAN:                           | 5905963664267 |
| Light source:                  | LED module    |
| Nominal power [W]:             | 24            |
| Supply voltage [V]:            | 220-240       |
| Frequency [Hz]:                | 50 - 60       |
| Luminous flux [lm]:            | 2100          |
| Emergency luminous flux [lm]*: | 145           |
| Luminous efficacy [lm/W]:      | 85            |
| Energy efficiency class:       | F             |
| Electrical protection class:   | II            |
| Colour temperature [K]:        | 3000          |
| Colour rendering index:        | 80            |
| Power factor:                  | 0.92          |
| Beam angle [°]:                | 120           |
| Diffuser material:             | PS            |
| Diffuser type:                 | OPAL          |
| Diffuser colour:               | white         |
| Optics material:               | PMMA          |
| Optics:                        | lens          |
| Material of the body:          | ABS           |
| Colour of the body:            | white         |
| 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   |
| Emergency lighting [h]:        | 3   |
| Dimensions of single box [mm]: | 305/305/60  |
| Number on the palette [pcs]:   | 120   |
| Net weight [kg]:               | 43831   |
| Category type:                 | dual-function luminaires                                |
| Category of application:       | educational institutions, HoReCa, commercial facilities |
| Version:                       | LENS  |
| Operating mode:                | M   |
| AC voltage range [V]:          | 220 - 240   |
| LED lifespan L70B50 [h]:       | 120000  |
| LED lifespan L80B20 [h]:       | 80000   |
| LED lifespan L90B10 [h]:       | 40000   |
| Light distribution type:       | open space  |
| Photobiological safety:        | RG0 - exempt (no photobiological hazard)                |
| Technical Warranty:            | 2 / 0.5 (battery)                                       |
| CE certificate:                | 111/2023  |
| ENEC Certificate:              | 0316/ENEC/23  |
| PZH certificate:               | B-BK-60212-0479/21                                      |
| CNBOP certificate:             | 5152/2023   |
| Manual:                        | Download PDF  |

# **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%

