

# SQ 300 LED PLUS LENS 2250 LM 830 IP54 II KL. OPAL (25W) 300MM

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	665547
<b>Ingress protection:</b>	IP54
<b>Impact resistance:</b>	IK08
<b>Nominal power [W]:</b>	25
<b>Luminous flux [lm]*:</b>	2250
<b>Colour temperature [K]:</b>	3000
<b>Energy efficiency class:</b>	F
<b>Material of the body:</b>	ABS
<b>Diffuser material:</b>	PS
<b>Diffuser type:</b>	OPAL

## CHARACTERISTICS

SQ 300 LED 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

Nominal power [W]:	25	Mounting version:	surface
Index:	665547	Dimensions of single box [mm]:	305/305/60
Colour temperature [K]:	3000	Net weight [kg]:	0.930
Luminous flux [lm]:	2250	Warranty [years]:	5
Rated power of the luminaire [W]:	28	Category type:	bulkheads
Diffuser type:	OPAL	Category of application:	HoReCa, commercial facilities, educational institutions
Supply voltage [V]:	220 - 240	AC voltage range [V]:	198-264
Frequency [Hz]:	50 - 60	LED lifespan L70B50 [h]:	120000
Colour of the body:	white	LED lifespan L80B20 [h]:	80000
Luminous efficacy [lm/W]:	78	LED lifespan L90B10 [h]:	40000
Energy efficiency class:	F	Light distribution type:	open space
Electrical protection class:	II	SDCM:	≤ 3
Beam angle [°]:	120	Power factor:	0.93
Diffuser material:	PS	Surge protection [kV]:	1
Diffuser colour:	white	Working temperature [°C]:	from -20 to +35
Optics material:	PMMA	Permeability factor of the diffuser:	0.70
Optics:	lens	Glow wire test [°C]:	650
Material of the body:	ABS	Version:	LENS
Dimensions (H/W/T/S) [mm]:	300/300/58	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Mounting dimensions [mm]:	210	Warranty [years]:	5
Impact resistance:	IK08	ENEC Certificate:	<a href="#">0316/ENEC/23</a>
Ingress protection:	IP54	CE certificate:	<a href="#">111/2023</a>
		PZH certificate:	<a href="#">B-BK-60212-0479/21</a>
		Manual:	<a href="#">Download PDF</a>

## LIGHT CURVES



Card creation date: 03 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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