

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

DETAILED CARD



## TECHNICAL PARAMETERS

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

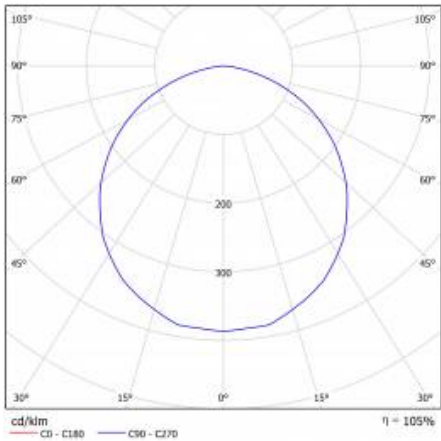
# SQ 300 LED PLUS LENS 2250 LM 830 IP54 II KL. OPAL (25W) 300MM

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

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

## 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



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](mailto:hello@lenalighting.pl), [www.lenalighting.pl](http://www.lenalighting.pl)