

# SQ 300 LED PLUS 2400 LM 830 IP54 II KL. RCR OPAL (25W) 300MM

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	665820
<b>Ingress protection:</b>	IP54
<b>Impact resistance:</b>	IK08
<b>Nominal power [W]:</b>	25
<b>Luminous flux [lm]*:</b>	2400
<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.

# SQ 300 LED PLUS 2400 LM 830 IP54 II KL. RCR OPAL (25W) 300MM

DETAILED CARD

## TECHNICAL PARAMETERS TABLE

Nominal power [W]:	25	Mounting version:	surface
Index:	665820	Dimensions of single box [mm]:	305/305/60
Colour temperature [K]:	3000	Net weight [kg]:	0.910
Luminous flux [lm]:	2400	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
Motion sensor:	yes	LED lifespan L70B50 [h]:	120000
Frequency [Hz]:	50 - 60	LED lifespan L80B20 [h]:	80000
Colour of the body:	white	LED lifespan L90B10 [h]:	40000
Luminous efficacy [lm/W]:	84	Light distribution type:	open space
Energy efficiency class:	F	SDCM:	≤ 3
Electrical protection class:	II	Power factor:	0.93
Beam angle [°]:	120	Surge protection [kV]:	1
Diffuser material:	PS	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
Material of the body:	ABS	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Dimensions (H/W/T/S) [mm]:	300/300/58	Warranty [years]:	5
Mounting dimensions [mm]:	210	ENEC Certificate:	<a href="#">0316/ENEC/23</a>
Impact resistance:	IK08	CE certificate:	<a href="#">111/2023</a>
Ingress protection:	IP54	PZH certificate:	<a href="#">B-BK-60212-0479/21</a>
		Manual:	<a href="#">Download PDF</a>
		Plik LDT:	<a href="#">Download</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



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)