

# SQ 300 LED PLUS 2800 LM 840 IP54 II KL. RCR OPAL (25W) 300MM

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	665806
<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>Energy efficiency class:</b>	E
<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.

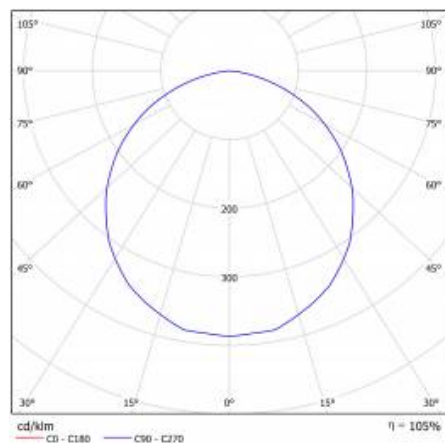
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## TECHNICAL PARAMETERS TABLE

Index:	665806	Dimensions of single box [mm]:	305/305/60
Nominal power [W]:	25	Net weight [kg]:	0.910
Rated power of the luminaire [W]:	28	Warranty [years]:	5
Supply voltage [V]:	220 - 240	Category type:	bulkheads
Frequency [Hz]:	50 - 60	Category of application:	HoReCa, commercial facilities, educational institutions
Luminous flux [lm]:	2800	AC voltage range [V]:	198-264
Luminous efficacy [lm/W]:	96	LED lifespan L70B50 [h]:	120000
Energy efficiency class:	E	LED lifespan L80B20 [h]:	80000
Electrical protection class:	II	LED lifespan L90B10 [h]:	40000
Colour temperature [K]:	4000	Light distribution type:	open space
Beam angle [°]:	120	SDCM:	≤ 3
Diffuser material:	PS	Power factor:	0.93
Diffuser type:	OPAL	Surge protection [kV]:	1
Diffuser colour:	white	Working temperature [°C]:	from -20 to +35
Optics material:	PMMA	Permeability factor of the diffuser:	0.70
Material of the body:	ABS	Glow wire test [°C]:	650
Colour of the body:	white	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>
Mounting version:	surface	Manual:	<a href="#">Download PDF</a>
Motion sensor:	yes		

## 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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