

SQ 300 LED PLUS LENS 2300LM 840 IP54 II KL. AW3H AT OPAL (24W) 300MM

DETAILED CARD



TECHNICAL PARAMETERS

Index:	664175
Ingress protection:	IP54
Impact resistance:	IK08
Nominal power [W]:	24
Luminous flux [lm]*:	2300
Colour temperature [K]:	4000
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 (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]:	24	Mounting version:	surface
Index:	664175	Working temperature [°C]:	from -20 to +35
Colour temperature [K]:	4000	Emergency lighting [h]:	3
EAN:	5905963664175	Dimensions of single box [mm]:	305/305/60
Luminous flux [lm]:	2300	Number on the palette [pcs]:	120
Light source:	LED module	Net weight [kg]:	43831
Emergency luminous flux [lm]*:	145	Category type:	bulkheads
Diffuser type:	OPAL	Category of application:	HoReCa, commercial facilities, educational institutions
Supply voltage [V]:	220-240	Version:	LENS
Frequency [Hz]:	50 - 60	Operating mode:	M
Luminous efficacy [lm/W]:	85	AC voltage range [V]:	220 - 240
Energy efficiency class:	F	LED lifespan L70B50 [h]:	120000
Electrical protection class:	II	LED lifespan L80B20 [h]:	80000
Colour rendering index:	>80	LED lifespan L90B10 [h]:	40000
Power factor:	0.92	Light distribution type:	open space
Beam angle [°]:	120	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Diffuser material:	PS	Technical Warranty:	2 / 0.5 (battery)
Diffuser colour:	white	CE certificate:	111/2023
Optics material:	PMMA	ENEC Certificate:	0316/ENEC/23
Optics:	lens	PZH certificate:	B-BK-60212-0479/21
Colour of the body:	white	CNBOP certificate:	5152/2023
Material of the body:	ABS	Manual:	Download PDF
Dimensions (H/W/T/S) [mm]:	300/300/58		
Mounting dimensions [mm]:	210		
Impact resistance:	IK08		
Ingress protection:	IP54		

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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