

# SQ 300 LED PLUS LENS 2300LM 840 IP54 II KL. AW3H AT OPAL RAL9005 (24W) 300MM

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	664212
<b>Ingress protection:</b>	IP54
<b>Impact resistance:</b>	IK08
<b>Nominal power [W]:</b>	24
<b>Luminous flux [lm]*:</b>	2300
<b>Colour temperature [K]:</b>	4000
<b>Color rendering index (Ra) &gt;:</b>	80
<b>Energy efficiency class:</b>	F
<b>Material of the body:</b>	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.

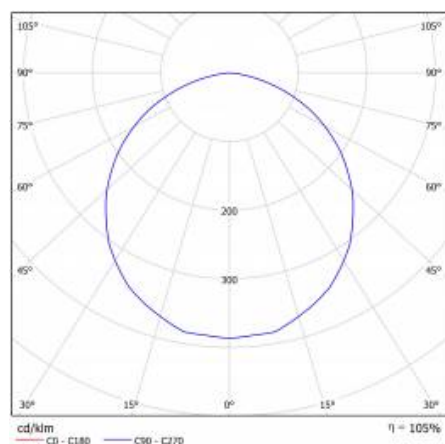
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## TECHNICAL PARAMETERS TABLE

Index:	664212	Mounting version:	surface
EAN:	5905963664212	Working temperature [°C]:	from -20 to +35
Light source:	LED module	Emergency lighting [h]:	3
Nominal power [W]:	24	Dimensions of single box [mm]:	305/305/60
Supply voltage [V]:	220-240	Number on the palette [pcs]:	120
Frequency [Hz]:	50 - 60	Net weight [kg]:	43831
Luminous flux [lm]:	2300	Category type:	dual-function luminaires
Emergency luminous flux [lm]*:	145	Category of application:	educational institutions, HoReCa, commercial facilities
Luminous efficacy [lm/W]:	85	Version:	LENS
Energy efficiency class:	F	Operating mode:	network-emergency
Electrical protection class:	II	AC voltage range [V]:	220 - 240
Colour temperature [K]:	4000	LED lifespan L70B50 [h]:	120000
Color rendering index (Ra) >:	80	LED lifespan L80B10 [h]:	80000
Power factor:	0.92	LED lifespan L90B10 [h]:	40000
Beam angle [°]:	120	Light distribution type:	open space
Diffuser material:	PS	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Diffuser type:	OPAL	Technical Warranty:	2 / 0.5 (battery)
Diffuser colour:	white	CE certificate:	<a href="#">111/2023</a>
Optics material:	PMMA	ENEC Certificate:	<a href="#">0316/ENEC/23</a>
Optics:	lens	PZH certificate:	<a href="#">B-BK-60212-0479/21</a>
Material of the body:	ABS	CNBOP certificate:	5152/2023
Colour of the body:	black	Environmental Product Declaration (EPD):	<a href="#">944/2026</a>
Dimensions (H/W/T/S) [mm]:	300/300/58	Manual:	<a href="#">Download PDF</a>
Mounting dimensions [mm]:	210	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Impact resistance:	IK08	Plik LDT:	<a href="#">Download</a>
Ingress protection:	IP54		

## LIGHT CURVES



Card creation date: 04 May 2026

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

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