

SQ 300 LED PLUS LENS 2300LM 840 IP54 II KL. DALI RCR AW 3H AT OPAL RAL9005 (24W) 300MM CORRIDOR

DETAILED CARD



TECHNICAL PARAMETERS

Index:	664366
Ingress protection:	IP54
Impact resistance:	IK08
Nominal power [W]:	24
Luminous flux [lm]*:	2300
Colour temperature [K]:	4000
SDCM:	3
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.

SQ 300 LED PLUS LENS 2300LM 840 IP54 II KL. DALI RCR AW 3H AT OPAL RAL9005 (24W) 300MM CORRIDOR

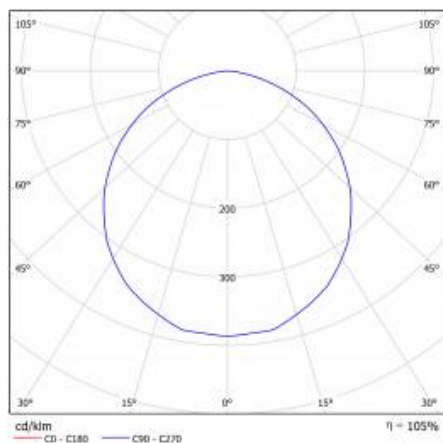
DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	664366	Ingress protection:	IP54
Light source:	LED module	Mounting version:	surface
Nominal power [W]:	24	Working temperature [°C]:	from -20 to +35
Supply voltage [V]:	220 - 240	Corridor function:	yes
DC voltage range [V]:	176 - 280	Motion sensor:	yes
Frequency [Hz]:	50 - 60	Emergency lighting [h]:	3
Luminous flux [lm]:	2300	DIMM DALI:	yes
Emergency luminous flux [lm]*:	145	Dimensions of single box [mm]:	305x305x60
Luminous efficacy [lm/W]:	85	Number on the palette [pcs]:	120
Energy efficiency class:	F	Net weight [kg]:	1.200
Electrical protection class:	II	Category type:	dual-function luminaires
Colour temperature [K]:	4000	Category of application:	educational institutions, HoReCa, commercial facilities
SDCM:	3	Version:	LENS
Power factor:	0.92	Operating mode:	network-emergency
Charging time [h:min]:	48	AC voltage range [V]:	198 -264
Battery life [h:min]:	3	Battery capacity [mAh]:	2100
Max load (RCR) [W]:	400	LED lifespan L70B50 [h]:	120000
Beam angle [°]:	120	LED lifespan L80B10 [h]:	80000
Battery:	NiMh	LED lifespan L90B10 [h]:	40000
Surge protection [kV]:	1	Light distribution type:	open space
Diffuser material:	PS	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Diffuser type:	OPAL	Technical Warranty:	5
Diffuser colour:	white	CE certificate:	111/2023
Optics material:	PMMA	ENEC Certificate:	0316/ENEC/23
Optics:	lens	PZH certificate:	B-BK-60212-0479/21
Material of the body:	ABS	CNBOP certificate:	5152/2023
Colour of the body:	black	Environmental Product Declaration (EPD):	944/2026
Dimensions (H/W/T/S) [mm]:	300/300/58	Manual:	Download PDF
Mounting dimensions [mm]:	210	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Impact resistance:	IK08	Plik LDT:	Download

SQ 300 LED PLUS LENS 2300LM 840 IP54 II KL. DALI RCR AW 3H AT OPAL RAL9005 (24W) 300MM CORRIDOR

DETAILED CARD 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 S.A.
ul. Kórnicka 52, 63-000 Środa Wielkopolska
tel. +48 61 28 60 333 (Pn-Pt, 8-16), e-mail: hello@lenalighting.pl, www.lenalighting.pl