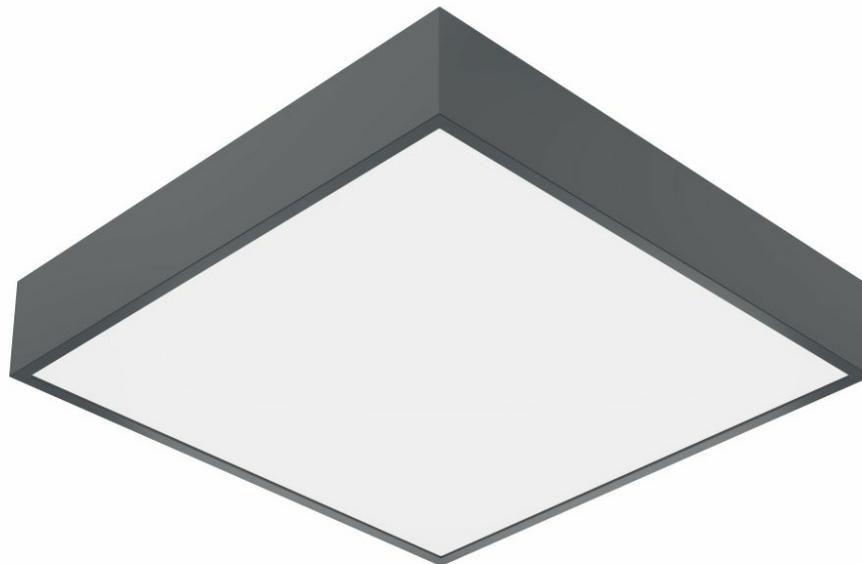# SQ 300 LED PLUS 2400 LM 830 IP54 II KL. RCR OPAL RAL9005 (25W) 300MM

DETAILED CARD

TECHNICAL PARAMETERS

Index:	665837
Ingress protection:	IP54
Impact resistance:	IK08
Nominal power [W]:	25
Luminous flux [lm]*:	2400
Colour temperature [K]:	3000
Energy efficiency class:	F
Material of the body:	ABS
Diffuser material:	PS
Diffuser type:	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.
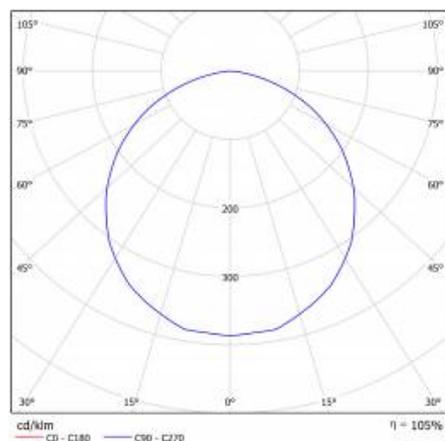
LENA LIGHTING

SQ 300 LED PLUS 2400 LM 830 IP54 II KL. RCR OPAL RAL9005 (25W) 300MM

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	665837	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:	educational institutions, HoReCa, commercial facilities
Luminous flux [lm]:	2400	AC voltage range [V]:	198-264
Luminous efficacy [lm/W]:	84	LED lifespan L70B50 [h]:	120000
Energy efficiency class:	F	LED lifespan L80B10 [h]:	80000
Electrical protection class:	II	LED lifespan L90B10 [h]:	40000
Colour temperature [K]:	3000	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:	black	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:	0316/ENEC/23
Impact resistance:	IK08	CE certificate:	111/2023
Ingress protection:	IP54	PZH certificate:	B-BK-60212-0479/21
Mounting version:	surface	Manual:	Download PDF
Motion sensor:	yes	Plik LDT:	Download

LIGHT CURVES

cd/klm   η = 105%
— C0 - C180   — C90 - C270

CE   Certificate CE - Nr: 111/2023