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

**DETAILED CARD** 





## **TECHNICAL PARAMETERS**

Index:	665806
Ingress protection:	IP54
Impact resistance:	IK08
Nominal power [W]:	25
Luminous flux [lm]*:	2800
Colour temperature [K]:	4000
Energy efficiency class:	E
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 (IKO8). 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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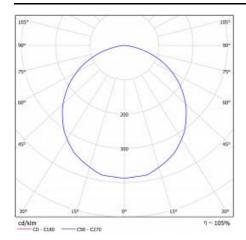
**DETAILED CARD** 

#### **TECHNICAL PARAMETERS TABLE**

Nominal power [W]:  Rated power of the luminaire [W]:  Supply voltage [V]:  Frequency [Hz]:  Luminous fflux [Im]:  Luminous efficacy [Im/W]:  Energy efficiency class:  Electrical protection class:  Il  Colour temperature [K]:  Diffuser material:  Diffuser type:  OPAL  Diffuser colour:  Optics material:  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  Mounting dimensions [mm]:  Inges protection:  Mounting version:  Mounting version:  Motion sensor:  220 - 240  220 - 240  220 - 240  240  250  2800  Luminous efficacy [lm/W]:  96  E  E  E  Unifuser colour  Valour	Index:	665806
Rated power of the luminaire [W]:  Supply voltage [V]:  Frequency [Hz]:  Luminous flux [Im]:  Luminous efficacy [Im/W]:  Energy efficiency class:  Electrical protection class:  II  Colour temperature [K]:  Beam angle [°]:  Diffuser material:  Diffuser type:  OPAL  Diffuser colour:  White  Optics material:  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  Mounting dimensions [mm]:  Ingress protection:  IP54  Mounting version:  Supply voltage [V]:  220 - 240  50 - 60  2800  2800  Electrical protection:  Beam  A000  Beam  Beam		
Supply voltage [V]:  Frequency [Hz]:  Luminous flux [Im]:  Luminous efficacy [Im/W]:  Energy efficiency class:  Electrical protection class:  II  Colour temperature [K]:  Beam angle [°]:  Diffuser material:  PS  Diffuser type:  OPAL  Diffuser colour:  white  Optics material:  PMMA  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  Mounting dimensions [mm]:  Inpact resistance:  IRO8  Ingress protection:  Mounting version:  Surface		-
Frequency [Hz]: 50 - 60  Luminous flux [lm]: 2800  Luminous efficacy [lm/W]: 96  Energy efficiency class: E  Electrical protection class: II  Colour temperature [K]: 4000  Beam angle [°]: 120  Diffuser material: PS  Diffuser type: OPAL  Diffuser colour: white  Optics material: PMMA  Material of the body: ABS  Colour of the body: white  Dimensions (H/W/T/S) [mm]: 300/300/58  Mounting dimensions [mm]: 210  Impact resistance: IK08  Ingress protection: IP54  Mounting version: surface	Rated power of the luminaire [W]:	28
Luminous flux [lm]:  Luminous efficacy [lm/W]:  Energy efficiency class:  Electrical protection class:  Colour temperature [K]:  Beam angle [°]:  Diffuser material:  Diffuser type:  OPAL  Diffuser colour:  White  Optics material:  PMMA  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  Mounting dimensions [mm]:  Inpact resistance:  Ingress protection:  Mounting version:  Mounting version:  2800  Beam  96  E  E  Colour  HO00  Beam  A000  Beam  Beam  A000  Beam	Supply voltage [V]:	220 - 240
Luminous efficacy [lm/W]:  Energy efficiency class:  Electrical protection class:  Colour temperature [K]:  Beam angle [°]:  Diffuser material:  Diffuser type:  OPAL  Diffuser colour:  White  Optics material:  PMMA  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  Mounting dimensions [mm]:  Ingress protection:  Mounting version:  Beam angle [°]:  120  PS  OPAL  White  OPAL  White  1300/300/58  Mounting dimensions [mm]:  210  IK08  Ingress protection:  IP54  Mounting version:	Frequency [Hz]:	50 - 60
Energy efficiency class:  Electrical protection class:  Colour temperature [K]:  Beam angle [°]:  Diffuser material:  Diffuser type:  OPAL  Diffuser colour:  Optics material:  PMMA  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  Mounting dimensions [mm]:  Impact resistance:  Ingress protection:  Mounting version:  E  H000  H000	Luminous flux [lm]:	2800
Electrical protection class:  Colour temperature [K]:  Beam angle [°]:  Diffuser material:  PS  OPAL  Diffuser type:  Optics material:  PMMA  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  Mounting dimensions [mm]:  Inpact resistance:  Ingress protection:  Mounting version:  Inspect resistance:  In	Luminous efficacy [lm/W]:	96
Colour temperature [K]: 4000  Beam angle [°]: 120  Diffuser material: PS  Diffuser type: OPAL  Diffuser colour: white  Optics material: PMMA  Material of the body: ABS  Colour of the body: white  Dimensions (H/W/T/S) [mm]: 300/300/58  Mounting dimensions [mm]: 210  Impact resistance: IK08  Ingress protection: IP54  Mounting version: surface	Energy efficiency class:	Е
Beam angle [*]: 120  Diffuser material: PS  Diffuser type: OPAL  Diffuser colour: white  Optics material: PMMA  Material of the body: ABS  Colour of the body: white  Dimensions (H/W/T/S) [mm]: 300/300/58  Mounting dimensions [mm]: 210  Impact resistance: IK08  Ingress protection: IP54  Mounting version: surface	Electrical protection class:	II
Diffuser material:  Diffuser type: OPAL  Diffuser colour: White Optics material: PMMA  Material of the body: Colour of the body: White Dimensions (H/W/T/S) [mm]: 300/300/58  Mounting dimensions [mm]: 210 Impact resistance: Ingress protection: IP54  Mounting version: SUFACE  Mounting surface	Colour temperature [K]:	4000
Diffuser type:  Diffuser colour:  White  Optics material:  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  Mounting dimensions [mm]:  Impact resistance:  Ingress protection:  Mounting version:  OPAL  white  ABS  200/300/58  White  210  IK08  IR08  IR954  Mounting version:  Surface	Beam angle [°]:	120
Diffuser colour:  Optics material:  PMMA  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  Mounting dimensions [mm]:  Impact resistance:  Ingress protection:  Mounting version:  white  300/300/58  Mite  1075  1085  1095  10	Diffuser material:	PS
Optics material:  Material of the body:  Colour of the body:  Dimensions (H/W/T/S) [mm]:  Mounting dimensions [mm]:  Impact resistance:  Ingress protection:  Mounting version:  PMMA  ABS  White  300/300/58  210  IK08  IP54  Mounting version:	Diffuser type:	OPAL
Material of the body:  Colour of the body:  white  Dimensions (H/W/T/S) [mm]:  300/300/58  Mounting dimensions [mm]:  Impact resistance:  IR08  Ingress protection:  IP54  Mounting version:  surface	Diffuser colour:	white
Colour of the body: white  Dimensions (H/W/T/S) [mm]: 300/300/58  Mounting dimensions [mm]: 210  Impact resistance: IK08  Ingress protection: IP54  Mounting version: surface	Optics material:	PMMA
Dimensions (H/W/T/S) [mm]: 300/300/58  Mounting dimensions [mm]: 210  Impact resistance: IK08  Ingress protection: IP54  Mounting version: surface	Material of the body:	ABS
Mounting dimensions [mm]: 210 Impact resistance: IK08 Ingress protection: IP54 Mounting version: surface	Colour of the body:	white
Impact resistance: IK08 Ingress protection: IP54 Mounting version: surface	Dimensions (H/W/T/S) [mm]:	300/300/58
Ingress protection: IP54  Mounting version: surface	Mounting dimensions [mm]:	210
Mounting version: surface	Impact resistance:	IK08
	Ingress protection:	IP54
Motion sensor: yes	Mounting version:	surface
	Motion sensor:	yes

Dimensions of single box [mm]:	305/305/60
Net weight [kg]:	0.910
Warranty [years]:	5
Category type:	bulkheads
Category of application:	HoReCa, commercial facilities, educational institutions
AC voltage range [V]:	198-264
LED lifespan L70B50 [h]:	120000
LED lifespan L80B20 [h]:	80000
LED lifespan L90B10 [h]:	40000
Light distribution type:	open space
SDCM:	≤3
Power factor:	0.93
Surge protection [kV]:	1
Working temperature [°C]:	from -20 to +35
Permeability factor of the diffuser:	0.70
Glow wire test [°C]:	650
Photobiological safety:	RG0 - exempt (no photobiological hazard)
Warranty [years]:	5
ENEC Certificate:	0316/ENEC/23
CE certificate:	111/2023
PZH certificate:	B-BK-60212-0479/21
Manual:	Download PDF

#### **LIGHT CURVES**



Card creation date: 17 July 2024

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