

SQ 600 LED 2800LM PRM I CL. IP20 592X592MM 840 AW3H (18W) RAL9005

DETAILED CARD



TECHNICAL PARAMETERS

Index:	669446
Ingress protection:	IP44/IP20
Nominal power [W]:	18
Luminous flux [lm]*:	2800
Colour rendering index:	>80
SDCM:	≤ 3
Energy efficiency class:	C
Material of the body:	ABS
Diffuser material:	PS
Diffuser type:	PRM

CHARACTERISTICS

SQ 600 LED AW is a new line of square luminaires. The construction, designed from scratch, introduces new solutions ensuring excellent lighting parameters. The body is made of plastic, therefore it is characterized by low weight. The diffuser provides excellent light transmission. The integrated LED module guarantees low power consumption and all the advantages of modern LED light sources.

The luminaire is available in 2 versions:

- with OPAL diffuser - providing soft light;
- with PRM diffuser - with higher luminous efficiency and low glare UGR <19 (18W, 24W, 32W versions).

Available options:

- RCR sensor - sensor used for motion detection, without twilight detection option; uses microwaves for detection (active sensor),
- control in the DALI standard,
- CORRIDOR corridor function (RCR + DALI).

The ingress protection- depends on the method of installation:

- surface mounted - IP20,
- flush-mounted - IP44/20.

APPLICATION

Surface-mounted luminaire with the possibility of flush mounting in modular ceilings and in plasterboard ceilings (using plasterboard recessing kit) is especially recommended for offices, spacious corridors and public spaces.

SQ 600 LED 2800LM PRM I CL. IP20 592X592MM 840 AW3H (18W) RAL9005

DETAILED CARD

TECHNICAL PARAMETERS TABLE

Index:	669446	Colour of the body:	black mat
EAN:	5905963669446	Dimensions (H/W/T/S) [mm]:	592/592/44
Light source:	LED module	Mounting dimensions [mm]:	563/297
Nominal power [W]:	18	Ingress protection:	IP44/IP20
Supply voltage [V]:	220 - 240V	Glow wire test [°C]:	650
Frequency [Hz]:	50 - 60	Mounting version:	surface mounted; recessed mounted in modular ceiling possible
Luminous flux [lm]:	2800	Emergency lighting [h]:	3
Emergency luminous flux [lm]*:	200	Net weight [kg]:	2.230
Luminous efficacy [lm/W]:	151	Category type:	louvres
Energy efficiency class:	C	Category of application:	commercial facilities, educational institutions
Electrical protection class:	I	AC voltage range [V]:	198 – 264 V
Colour temperature [K]:	4000	DC voltage range [V]:	176 – 276 V
Colour rendering index:	>80	LED lifespan L70B50 [h]:	132000
SDCM:	≤ 3	LED lifespan L80B20 [h]:	84 000
Power factor:	0.84	LED lifespan L90B10 [h]:	42000
Charging time [h:min]:	3	Light distribution type:	open space
Battery life [h:min]:	3	Technical Warranty:	2 / 0.5 (battery)
Battery:	NiMh	CE certificate:	110/2023
Battery capacity [mAh]:	2100	ENEC Certificate:	PL BBJ/006/2021/M1
Diffuser material:	PS	PZH certificate:	B-BK-60212-0618/20
Diffuser type:	PRM	CNBOP certificate:	5152/2023
Diffuser colour:	transparent	Manual:	Download PDF
Material of the body:	ABS		

SQ 600 LED 2800LM PRM I CL. IP20 592X592MM 840 AW3H (18W) RAL9005

DETAILED CARD

ACCESSORIES AVAILABLE

index	Name
999543	Plasterboard recessing kit 630x630 white
978395	Installation kit SQ 600 Ceiling system H40 100x100



Plasterboard recessing kit 630x630 white (999543)

Card creation date: 18 March 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: 110/2023