

# SQ 600 LED 6000LM PRM I CL. IP20 592X592MM 840 AW3H (42W)

DETAILED CARD



## TECHNICAL PARAMETERS

<b>Index:</b>	669545
<b>Ingress protection:</b>	IP44/IP20
<b>Nominal power [W]:</b>	42
<b>Luminous flux [lm]*:</b>	6000
<b>Color rendering index (Ra) &gt;:</b>	80
<b>SDCM:</b>	3
<b>Energy efficiency class:</b>	C
<b>Material of the body:</b>	ABS
<b>Diffuser material:</b>	PS
<b>Diffuser type:</b>	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.

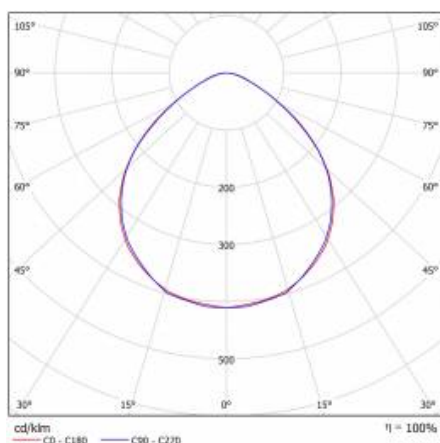
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## TECHNICAL PARAMETERS TABLE

Index:	669545	Dimensions (H/W/T/S) [mm]:	592/592/44
EAN:	5905963669545	Mounting dimensions [mm]:	563/297
Light source:	LED module	Ingress protection:	IP44/IP20
Nominal power [W]:	42	Glow wire test [°C]:	650
Supply voltage [V]:	220 - 240V	Mounting version:	surface mounted; recessed mounted in modular ceiling possible
Frequency [Hz]:	50 - 60	Emergency lighting [h]:	3
Luminous flux [lm]:	6000	Net weight [kg]:	2.230
Emergency luminous flux [lm]*:	200	Category type:	dual-function luminaires
Luminous efficacy [lm/W]:	140	Category of application:	educational institutions, commercial facilities
Energy efficiency class:	C	LED lifespan L70B50 [h]:	132000
Electrical protection class:	I	LED lifespan L80B10 [h]:	84 000
Colour temperature [K]:	4000	LED lifespan L90B10 [h]:	42000
Color rendering index (Ra) >:	80	Light distribution type:	open space
SDCM:	3	Operating mode:	network-emergency
Power factor:	0.95	Photobiological safety:	RG0 - exempt (no photobiological hazard)
Charging time [h:min]:	3	Technical Warranty:	2 / 0.5 (battery)
Battery life [h:min]:	3	CE certificate:	<a href="#">110/2023</a>
Battery:	NiMh	PZH certificate:	<a href="#">B-BK-60112-0419/2025</a>
Battery capacity [mAh]:	2100	CNBOP certificate:	<a href="#">5152/2023</a>
Diffuser material:	PS	Environmental Product Declaration (EPD):	<a href="#">944/2026</a>
Diffuser type:	PRM	Manual:	<a href="#">Download PDF</a>
Diffuser colour:	transparent	ISO Certificates:	9001:2015, 14001:2015, 45001:2018, 50001:2018
Material of the body:	ABS	Pliik LDT:	<a href="#">Download</a>
Colour of the body:	white		

## LIGHT CURVES



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## ACCESSORIES AVAILABLE

index	Name
978395	Installation kit SQ 600 Ceiling system H40 100x100
374845	Frame adapter KG 635x635 WHITE



Frame adapter KG 635x635  
WHITE (374845)

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: 110/2023