### SQ 600 LED 3500LM PLX DALI I KL. IP20 592X592MM 830 (37W) RAL9005

DETAILED CARD



### 

#### **TECHNICAL PARAMETERS**

Index:	668234	
Ingress protection:	IP44/IP20	
Nominal power [W]:	37	
Luminous flux [lm]*:	3500	
Colour rendering index:	80	
SDCM:	≤ 5	
Energy efficiency class:	F	
Material of the body:	ABS	
Diffuser material:	PS	
Diffuser type:	OPAL	

### CHARACTERISTICS

SQ 600 LED 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.



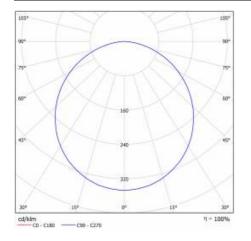
## SQ 600 LED 3500LM PLX DALI I KL. IP20 592X592MM 830 (37W) RAL9005

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#### **TECHNICAL PARAMETERS TABLE**

LED moduleIngress protection:IP44/IP20Nominal power [W]:37Glow wire test [*C]:650Rated power of the luminaire [W]:42.40Burnting version:Surface mounted; recessed mounted in modular celling possibleSupply voltage [V]:220-240Mounting version:Surface mounted; recessed mounted in modular celling possibleFrequency [H2]:50-60DIMM DALI:yesLuminous efficacy [Im/W]:83Category type:troffersEnergy efficiency class:FCategory type:troffersElectrical protection class:1Category of application:educational institutions, commercial facilitiesColour temperature [K]:3000DC voltage range [V]:196-280SDCM:<5LED lifespan L08B20 [h]:32000SDCM:<5LED lifespan L08B20 [h]:32000Diffuser raterial:PSLED lifespan L08B20 [h]:32000Diffuser stype:OPALPhotobiological safety:spaceDiffuser colour:whiteTechnical Warranty:5Optics:lensZet certificate:B-RK-60212-0618/20Optics:KaSManual:Downlead PDEColour of the body:black matFEC Certificate:PL BL/006/2021M1	Index:	668234	Mounting dimensions [mm]:	563/297
Nominal power (W):37Giow wire test (*C):650Rated power of the luminaire (W):42.40Burling version:650Supply voltage (V):220-240Mounting version:mounted in modular celling possibleFrequency (Hz):50 - 60DIMM DALI:yesLuminous flux [Im):3500Net weight [kg]:2Luminous efficacy (Im/V):83Category type:toffersElectrical protection class:ICategory of application:educational institutions, commercial facilitiesColour rendering index:80Category of application:50000SDCM:550.96LED lifespan L70B50 [h]:32000Diffuser raterial:PSLED lifespan L80B20 [h]:32000Diffuser raterial:PSLight distribution type:open spaceDiffuser colour:whiteFencical Warranty:FSOptics:IensFZH certificate:B-BK-60212-0618/20Optics:KasCertificate:10/2023Material of the body:ABSCate crificate:Download PDEDimensions (H/W/T/S) (mm):592/592/44FEC Certificate:PL BBJ/006/2021/M1				
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Supply voltage [V]:     220-240     possible       Frequency [Hz]:     50 - 60     DIMM DALI:     yes       Luminous flux [Im]:     3500     Net weight [kg]:     2       Luminous efficacy [Im/W]:     83     Category type:     troffers       Energy efficiency class:     F     Category of application:     educational institutions, commercial facilities       Electrical protection class:     I     AC voltage range [V]:     198 - 264       Colour temperature [K]:     3000     DC voltage range [V]:     198 - 264       Colour rendering index:     80     LED lifespan L70850 [h]:     50000       SDCM:     ≤5     LED lifespan L80820 [h]:     32000       Diffuser material:     0.96     LED lifespan L90810 [h]:     32000       Diffuser type:     OPAL     Photobiological safety:     open space       Diffuser colour:     white     S     S     S       Optics:     lens     EAS     EC ertificate:     S       Optics:     ABS     Ce certificate:     10/2023     E       Diffuser colour:     black mat     EC e	Rated power of the luminaire [W]:	42.40	Mounting version:	
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Photobiological safety: Not exempt in photobiological hazard)   Diffuser colour: white photobiological safety: photobiological hazard)   Optics material: PMMA Technical Warranty: 5   Optics: lens PZH certificate: B-BK-60212-0618/20   Material of the body: ABS CE certificate: 110/2023   Colour of the body: black mat Manual: Download PDF   Dimensions (H/W/T/S) [mm]: 592/592/44 ENEC Certificate: PL BBJ/006/2021/M1	Diffuser material:	PS	Light distribution type:	open space
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Material of the body: ABS Manual: Download PDF   Colour of the body: black mat Manual: Download PDF   Dimensions (H/W/T/S) [mm]: 592/592/44 ENEC Certificate: PL BBJ/006/2021/M1	Optics:	lens	PZH certificate:	<u>B-BK-60212-0618/20</u>
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Dimensions (H/W/T/S) [mm]: 592/592/44	Colour of the body:	black mat	Manual:	Download PDF
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		I	Plik LDT:	Download

### LIGHT CURVES



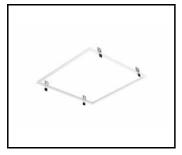


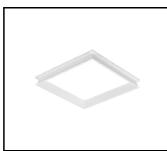
# SQ 600 LED 3500LM PLX DALI I KL. IP20 592X592MM 830 (37W) RAL9005

DETAILED CARD

### ACCESSORIES AVAILABLE

index	Name
999543	Plasterboard recessing kit 630x630 white (steel version)
978395	Installation kit SQ 600 Ceiling system H40 100x100
374845	Frame adapter KG 635x635 WHITE
998966	Frame steel white structure RAL9016 600x600 SM "well effect"





Plasterboard recessing kit 630x630 white (steel version) (999543)

Frame steel white structure RAL9016 600x600 SM "well effect" (998966)

Card creation date: 01 September 2025

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%

CE Certificate CE - Nr: 110/2023

This product is a subject to electric and electronic waste equipment regulations (WEEE).

