## SQ 600 LED 3100LM PLX I CL. IP20 592X592MM 840 AW3H (29W)

DETAILED CARD





## **TECHNICAL PARAMETERS**

Index:	669309	
Ingress protection:	IP44/IP20	
Nominal power [W]:	29	
Luminous flux [lm]*:	3100	
Colour rendering index:	80	
SDCM:	≤ 5	
Energy efficiency class:	E	
Material of the body:	ABS	
Diffuser material:	PS	
Diffuser type:	OPAL	

## 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 3100LM PLX I CL. IP20 592X592MM 840 AW3H (29W)

DETAILED CARD

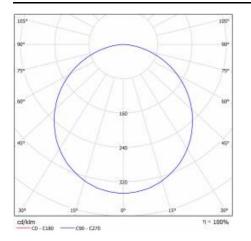
### **TECHNICAL PARAMETERS TABLE**

Eurinious itus [ini]:SiooMounting version:mounted in modular of possibleEmergency luminous flux [imi]:200Emergency lighting [h]:3Luminous efficacy [im/W]:94Emergency lighting [h]:3Energy efficiency class:ENet weight [kg]:2I loghting in the state of th		00000		4.50
Light source:LED moduleDimensions (H/WT/S) (mm):592/592/44Nominal power (W):29Mounting dimensions (mm):563/297Supply voltage (V):200-240VIngress protection:IP44/IP20Frequency [H2]:50-60Glow wire test [*C]:650Luminous flux [Im]:200Mounting version:mounted in module or possibleEmergency luminous flux [Im]?:200Emergency lighting [h]:3Images protection class:EMeunting version:20Luminous efficacy [Im/W]:94Emergency lighting [h]:3Energy efficiency class:EMet weight [kg]:2Colour temperature [K]:4000Category type:dual-function luminar commercial facilitiesColour rendering index:80Ac voltage range [V]:90-75VSDCM:0.98LED lifespan L508D0 [h]:50000Charging time [h:min]:3LED lifespan L508D0 [h]:32 000Battery:NIMhLight distribution type:0pen spaceBattery:NIMhLight distribution type:0pen spaceDiffuser material:PSCE certificate:110/2023Diffuser raterial:OPALENEC Certificate:PL BBJ:006/2021/MIDiffuser raterial:MuhaPZI certificate:PL BBJ:006/2021/MI			•	
Nominal power [W]:29Mounting dimensions [mm]:1000000000000000000000000000000000000	EAN:	5905963669309	Colour of the body:	white
Supply voltage [V]:220 - 240VIngress protection:IP44/IP20Frequency [Hz]:50 - 60Glow wire test [*C]:650Luminous flux [Im]:300Mounting version:surface mounted in modular of possibleLuminous flux [Im]?:200Emergency lighting [h]:3Luminous efficacy [Im/W]:94Emergency lighting [h]:3Energy efficiency class:ICategory type:dual-function luminair educational institution commercial facilitiesColour temperature [K]:4000Category type:dual-function luminair educational institution commercial facilitiesSDCM:55DC voltage range [V]:90-175VSDCM:3S184 - 264VPower factor:0.98LED lifespan L30805 [h]:50000Charging time [h:min]:3LED lifespan L30805 [h]:32 000Battery:NiMhLight distribution type:open spaceBattery:OPALOPALEnercificate:10/2023Diffuser raterial:OPALENEC Certificate:11/2023Diffuser raterial:PMMAPZH certificate:PL BBJ/006/2021/MI	Light source:	LED module	Dimensions (H/W/T/S) [mm]:	592/592/44
Frequency [Hz]:50 - 60Gow wire test [*C]:650Luminous flux [Im]:3100Mounting version:surface mounted in modular opersibleEmergency luminous flux [Im]':200Emergency lighting [h]:3Luminous efficacy [Im/W]:94Emergency lighting [h]:3Energy efficiency class:ENet weight [kg]:2Electrical protection class:1Category type:dual-function luminairColour rendering index:80Category of application:educational institutior commercial facilitiesSDCM:550.98LED lifespan L70B50 [h]:50000Dattery life [h:min]:3LED lifespan L70B50 [h]:32 000Battery:NiMhLED lifespan L90B10 [h]:32 000Battery capacity (mAh):2100LED lifespan L90B10 [h]:0pen spaceDiffuser ruber:OPALOPALElectrificate:102.023Diffuser ruber:0PALPL Bulloof/2021/MIDiffuser ruber:MiteBBK-60212-0618/20Diffuser ruber:PMMABBK-60212-0618/20	Nominal power [W]:	29	Mounting dimensions [mm]:	563/297
Luminous flux [lm]:3100surface mounted; rec mounted in modular op possibleEmergency luminous flux [lm]':200Emergency lighting [h]:3Luminous efficacy [lm/W]:94Emergency lighting [h]:3Energy efficiency class:EMeunting version:1Electrical protection class:ICategory type:dual-function luminair educational institution commercial facilitiesColour remperature [K]:4000Category of application:dual-function luminair educational institution commercial facilitiesColour rendering index:80AC voltage range [V]:90-175VSDCM:55OC voltage range [V]:198 - 264VPower factor:0.98LED lifespan L30B30 [h]:50000Charging time [h:min]:3LED lifespan L90B10 [h]:32 000Battery:NIMhLED lifespan L90B10 [h]:15000Battery capacity [mAh]:2100Light distribution type:open spaceDiffuser raterial:PSCit certificate:110/2023Diffuser type:OPALPL BBJ/006/2021/MIDiffuser type:OPALPL BBJ/002/2021/MIDiffuser raterial:PMMAPZH certificate:PL BBJ/002/2021/MI	Supply voltage [V]:	220 - 240V	Ingress protection:	IP44/IP20
Luminous flux [int].StocMounting version:mounted in modular of possibleEmergency luminous flux [im]*:200Emergency lighting [h]:3Luminous efficacy [im/W]:94Emergency lighting [h]:3Energy efficiency class:ENet weight [kg]:2Electrical protection class:ICategory type:dual-function luminairColour temperature [K]:4000Category of application:educational institution commercial facilitiesColour rendering index:80Category of application:90-175VSDCM:55O.98Cotagor ange [V]:99-175VPower factor:0.98LED lifespan L70850 [h]:5000Charging time [h:min]:3LED lifespan L80820 [h]:32 000Battery:NiMhLight distribution type:open spaceDiffuser material:PSCategory array:2/0.5 (battery)Diffuser colour:OPALEE Certificate:110/2023Diffuser colour:whitePMMAPH certificate:PL BBJ:006/2021/M1Ontics material:PMMAPH certificate:PL Certificate:	Frequency [Hz]:	50 - 60	Glow wire test [°C]:	650
Emergency luminous flux [lm]*:200possibleLuminous efficacy [lm/W]:94Emergency lighting [h]:3Energy efficiency class:ENet weight [kg]:2Electrical protection class:ICategory type:dual-function luminairColour temperature [K]:4000Category of application:educational institution commercial facilitiesSDCM:50.98Category of application:90.175VPower factor:0.98DC voltage range [V]:99.175VCharging time [h:min]:3LED lifespan L70B50 [h]:50000Battery life (h:min]:3LED lifespan L70B50 [h]:32.000Battery:NiMhLight distribution type:open spaceDiffuser material:PSCet certificate:110/2023Diffuser colour:whitePMAAPHE certificate:PL BBJ/006/2021/M1Potics material:PMMAPHE certificate:PL BBJ/006/2021/M1	Luminous flux [lm]:	3100		surface mounted; recessed
Energy efficiency class:ENet weight [kg]:2Electrical protection class:1Category type:dual-function luminair educational institution commercial facilitiesColour temperature [K]:4000Category of application:educational institution commercial facilitiesColour rendering index:80AC voltage range [V]:90.175VSDCM:≤ 5DC voltage range [V]:198 - 264VPower factor:0.98LED lifespan L70B50 [h]:50000Charging time [h:min]:3LED lifespan L80B20 [h]:32 000Battery:NiMhLED lifespan L90B10 [h]:15000Battery:2100Light distribution type:open spaceDiffuser material:PSCE certificate:110/2023Diffuser colour:whitePL BEJ/006/2021/MIDiffuser colour:whitePL BEJ/006/2021/MIPMMAPMMAPH certificate:PL BEJ/006/2021/MI	Emergency luminous flux [lm]*:	200	Mounting version:	5
Electrical protection class:ICategory type:dual-function luminairColour temperature [K]:4000Category of application:educational institution commercial facilitiesColour rendering index:80AC voltage range [V]:90-175VSDCM:< 5	Luminous efficacy [lm/W]:	94	Emergency lighting [h]:	3
Colour temperature [K]:4000Category of application:educational institution commercial facilitiesColour rendering index:80AC voltage range [V]:90-175VSDCM:<5	Energy efficiency class:	E	Net weight [kg]:	2
Colour rendering index:80Category of application:commercial facilitiesColour rendering index:80AC voltage range [V]:90-175VSDCM:≤ 5DC voltage range [V]:198 - 264VPower factor:0.98LED lifespan L70B50 [h]:50000Charging time [h:min]:3LED lifespan L80B20 [h]:32 000Battery life [h:min]:3LED lifespan L90B10 [h]:15000Battery:NiMhLight distribution type:open spaceBattery capacity [mAh]:2100Technical Warranty:2/ 0.5 (battery)Diffuser material:OPALENEC Certificate:H10/2023Diffuser colour:whitePMMABEK-60212-0618/20	Electrical protection class:	1	Category type:	dual-function luminaires
AC voltage range [V]:90.175VSDCM:≤ 5DC voltage range [V]:198 - 264VPower factor:0.98LED lifespan L70B50 [h]:50000Charging time [h:min]:3LED lifespan L80B20 [h]:32 000Battery life [h:min]:3LED lifespan L90B10 [h]:15000Battery capacity [mAh]:2100Light distribution type:open spaceDiffuser material:PSCe certificate:110/2023Diffuser colour:whitePZH certificate:PL BBJ/006/2021/M1Optics material:PMMAPXH certificate:B-BK-60212-0618/20			Category of application:	educational institutions, commercial facilities
Power factor:0.98DC voltage range [V]:198 - 264VCharging time [h:min]:3LED lifespan L70B50 [h]:50000Battery life [h:min]:3LED lifespan L80B20 [h]:32 000Battery:NiMhLED lifespan L90B10 [h]:15000Battery capacity [mAh]:2100Light distribution type:open spaceDiffuser material:PSCe certificate:110/2023Diffuser colour:whitePZH certificate:PL BBJ/006/2021/M1Dotics material:PMMAPXH certificate:B-BK-60212-0618/20	Colour rendering index:		AC voltage range [V]:	90-175V
Charging time [h:min]:3LED lifespan L70B50 [h]:50000Battery life [h:min]:3LED lifespan L80B20 [h]:32 000Battery:NiMhLED lifespan L90B10 [h]:15000Battery:NiMhLight distribution type:open spaceBattery capacity [mAh]:2100Technical Warranty:2 / 0.5 (battery)Diffuser material:OPALCE certificate:110/2023Diffuser colour:whitePMMAPH certificate:B-BK-60212-0618/20	SDCM:	≤ 5	DC voltage range [V]:	198 - 264V
LED lifespan L80820 [h]:32 000Battery life [h:min]:3Battery:NiMhBattery capacity [mAh]:2100Diffuser material:PSDiffuser type:OPALDiffuser colour:whitePMMAPZH certificate:PMMA	Power factor:	0.98	LED lifespan L70B50 [h]:	50000
Battery: NiMh Light distribution type: open space   Battery capacity [mAh]: 2100 Technical Warranty: 2/ 0.5 (battery)   Diffuser material: PS CE certificate: 110/2023   Diffuser colour: white PZH certificate: PL BBJ/006/2021/M1   Dottics material: PMMA PMMA PZH certificate: B-BK-60212-0618/20	Charging time [h:min]:	3	LED lifespan L80B20 [h]:	32 000
Battery capacity [mAh]: 2100 Technical Warranty: 2 / 0.5 (battery)   Diffuser material: PS CE certificate: 110/2023   Diffuser type: OPAL ENEC Certificate: PL BBJ/006/2021/M1   Diffuser colour: white PZH certificate: B-BK-60212-0618/20	Battery life [h:min]:	3	LED lifespan L90B10 [h]:	15000
Diffuser material: PS CE certificate: 110/2023   Diffuser type: OPAL ENEC Certificate: PL BBJ/006/2021/M1   Diffuser colour: white PZH certificate: B-BK-60212-0618/20   Optics material: PMMA PZH certificate: B-BK-60212-0618/20	Battery:	NiMh	Light distribution type:	open space
Diffuser type: OPAL ENEC Certificate: 110/2023   Diffuser colour: white PL BBJ/006/2021/M1   Optics material: PMMA PZH certificate: B-BK-60212-0618/20	Battery capacity [mAh]:	2100	Technical Warranty:	2 / 0.5 (battery)
Diffuser colour: white PZH certificate: PL BBJ/006/2021/M1   Optics material: PMMA	Diffuser material:	PS	CE certificate:	110/2023
Diffuser colour: white PZH certificate:   Optics material: PMMA	Diffuser type:	OPAL	ENEC Certificate:	PL BBJ/006/2021/M1
Optics material: PMMA	Diffuser colour:	white	PZH certificate:	
	Optics material:	PMMA		
Optics: Manual: Download PDF	Optics:	lens		
Photobiological safety: RG0 - exempt (no		-		

Photobiological safety:

photobiological hazard)

#### LIGHT CURVES



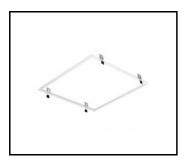


# SQ 600 LED 3100LM PLX I CL. IP20 592X592MM 840 AW3H (29W)

DETAILED CARD

## ACCESSORIES AVAILABLE

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



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

Card creation date: 09 January 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%

Certificate CE - Nr: 110/2023

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

