SQUARE GEN2

ATTENTION DISCONTINUED PRODUCT. Square Gen 2 is a family of thin, versatile and energy-efficient luminaires for public spaces and IP65 clean rooms suitable for suspended ceilings and surface mounting. The Square Gen 2 luminaire has a glare-free and evenly illuminating light surface. The luminaire is available in opal and microprism versions and there are many different installation methods and power versions to choose from.

Benefits

This luminaire has a cost-efficient and high-quality structure (MADE in EUROPE). In the microprism version, the UGR is <19. The luminaire panel has a thin structure (13.5 mm and overall height <45 mm). The body of the luminaire is made of white painted steel plate (RAL9016). The IP rating of the luminaire is IP40 below the suspended ceiling and IP20 above the suspended ceiling. In the clean-room version, the IP rating is IP65 below the suspended ceiling and IP20 above the suspended ceiling. The IP65 version suitable for clean rooms is only available in 600x600 mm opal luminaires.

Suitability

A general luminaire for offices, hallways, schools, hospitals and other public spaces. Mounting directly on a T-grid ceiling, surface mounting or mounting with suspension cables.

CE RoHS 2 2011/65/EU LED LED

GREENLED

Product families and variants

MODEL	TYPE CODE	POWER	LUMINOUS FLUX	LUMINAIRE EFFICACY	LIFETIME	OPERATING TEMPERATURE
SQUARE GEN2 600x600 22W [1	GLSQG2606001022	22 W	2700 lm	123 lm/W	L80B10 70 000h, C10 100 000h	+10°C – +40°
SQUARE GEN2 600x600 33W	GLSQG2606001033	33 W	3800 lm	116 lm/W	L80B10 70 000h, C10 100 000h	+10°C – +40°
SQUARE GEN2 600x600 33W TW	GLSQG26060010338TTW	33 W	3600 lm	110 lm/W	L80B50 50 000h, C10 100 000h	+10°C – +40°
SQUARE GEN2 300x1200 36W	GLSQG2301201036	36 W	4000 lm	112 lm/W	L80B10 70 000h, C10 100 000h	+10°C – +40°

Notes:

All values in ambient temperature of +25°C, CCT 4000K, luminous flux tolerance +-5%, output power tolerance +-5%. Use environment must be non condensing.

1) 22W version only available on 600x600 DALI

Dimensions

MODEL	TYPE CODE	LENGTH (L)	HEIGHT (H)	WIDTH (W)	WEIGHT
SQUARE GEN2 600x600 22W [1	GLSQG2606001022	596 mm	13,5 mm	596 mm	4,1 kg
SQUARE GEN2 600x600 33W	GLSQG2606001033	596 mm	13,5 mm	596 mm	4,1 kg
SQUARE GEN2 600x600 33W TW	GLSQG26060010338TTW	596 mm	13,5 mm	596 mm	4,4 kg
SQUARE GEN2 300x1200 36W	GLSQG2301201036	1196 mm	13,5 mm	296 mm	4,5 kg

General Description

COLOUR TEMPERATURE:	3000 K, 4000 K [1, 2700 - 6500 K [2
COLOUR RENDERING INDEX:	$R_A \geq 80$ [5
OPTIC:	Microprism or opal
LIGHT SOURCE SHIELD:	PMMA or PS
IP CLASS:	IP40 / 20 [3 , option IP65 / 20 [4
IK CLASS:	IK06
SUPPLY VOLTAGE:	220-240 Vac
FREQUENCY:	50-60 Hz

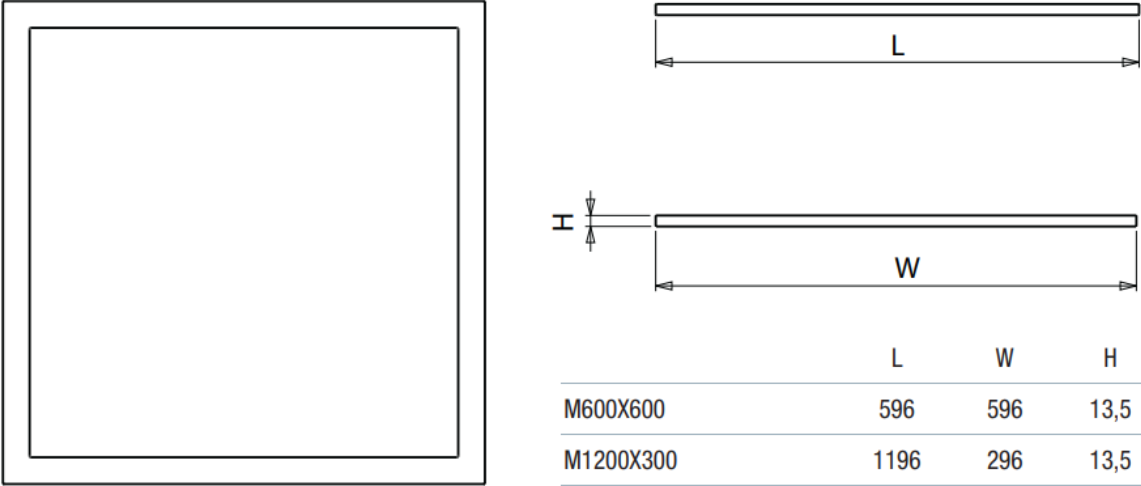| PF:	> 0.98
THD:	5 %
CONNECTION:	Driver with chainable terminal block 3 x (on/off) and 5 x (DALI) x 1.5–2.5 mm². Max 9mm. Can also be supplied with connecting cable and plug.
DIMMABILITY:	OnOff, DALI, TW DT-8 and Casambi
COLOUR:	White RAL9016
MATERIAL OF THE LUMINAIRE BODY:	Steel
GUARANTEE:	5 years
ACCESSORIES (INSTALLATION):	9405184 Frame for surface mounting 600×600, 9405183 Frame for surface mounting 300×1200, 9405185 Bracket for surface mounting 300×1200, 9405186 Bracket for surface mounting 600×600, 9405188 Frame for recessed mounting 600×600, 9405187 Frame for surface mounting 300×1200, 9405189 Suspension cables 4pc 3m

Notes:

1) SDCM <3

2) TW only micriprism version and size 600x600

3)¡The IP rating of the luminaire is IP40 below the suspended ceiling and IP20 above the suspended ceiling

4) IP65 / 20 only opal version and size 600x600.¡The IP rating of the luminaire is IP65 below the suspended ceiling and IP20 above the suspended ceiling.

5) Option¡R$_A$ ≥ 90

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Light distribution

Microprism

Opal
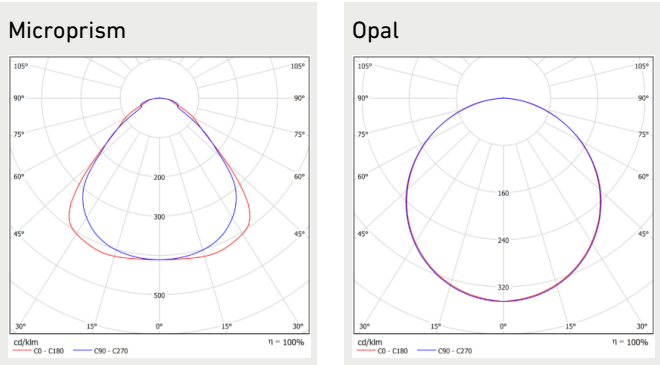
Dimensions

Dimensions

	L	W	H
M600X600	596	596	13,5
M1200X300	1196	296	13,5

Brackets

9405184 Frame for surface mounting 600×600

9405183 Frame for surface mounting 300×1200

9405185 Bracket for surface mounting 300×1200

9405186 Bracket for surface mounting 600×600

9405188 Frame for recessed mounting 600×600

9405187 Frame for surface mounting 300×1200

9405189 Suspension cables 4pc 3m
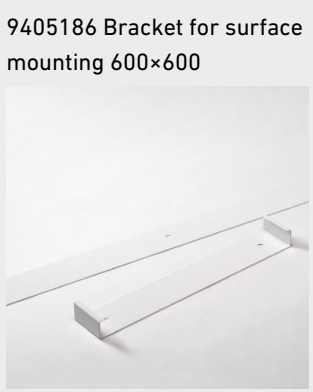
Circuit breakers

	B10	B16	B20	C10	C16	C20
SQUARE GEN2 600x600 22W & 33W DALI	13	22	28	21	36	46
SQUARE GEN2 600x600 33W OnOff	43	70	87	43	70	87
SQUARE GEN2 1200x300 36W OnOff	11	17	21	18	28	35
SQUARE GEN2 1200x300 36W DALI	13	22	28	21	36	46
SQUARE GEN2 600x600 33W TW	23	38	48	39	64	80

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CUSTOMER SERVICE:

tel:¡+358 20 125 5800

info@greenled.fi