

Features

• LED Panel with backlit technology, ideal for general indoor lighting applications such as breakout areas, offices and meeting rooms. Extruded aluminium frame, passive cooling. Low glaring UGR<19. RG0, 90 degree beam angle , optical system: PS diffuser with Prismatic finish. Light color temperature: 4000K Neutral White, total system power: 43W , total fixture output: 4800lm, efficacy: 112 lm/W, Ra80 typical, LED chromacity: 3 step MacAdam ellipse (SDCM3), lifespan: 100,000 hours at 70% of the original output (L70B50), IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, low flicker, non dimmable driver, electrical protection: Class II. Degree of Protection: IP40/IP20, suitable for indoor environment only. Nominal size: 595x595mm, Loop in / loop out wiring, saftey cables included, 25mm nominal height, White color frame, weight: 1,6Kg.

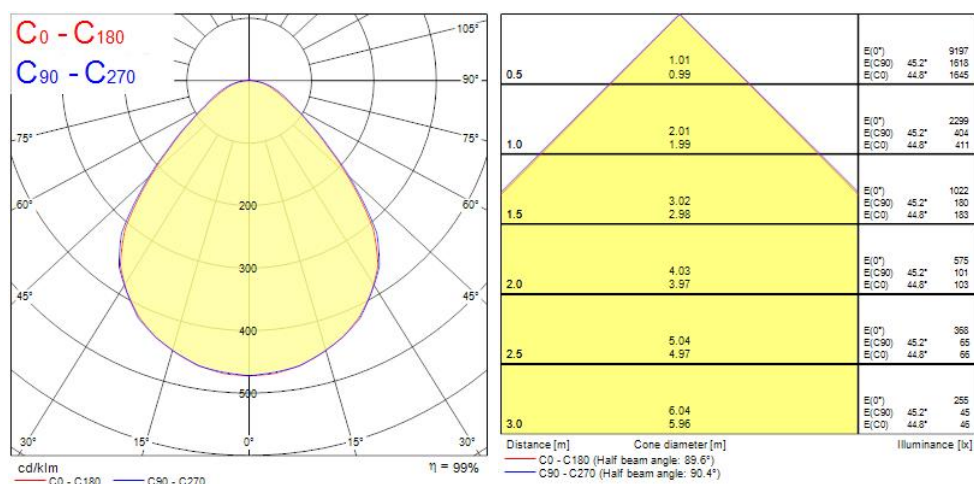
Product Overview

Product name	START Panel UGR19 600x600 4800Lm 840 LILO
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium, Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
E-number FI	4278461
Fixture luminous flux (lm)	4800
Luminaire efficacy (lm/W)	112
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80

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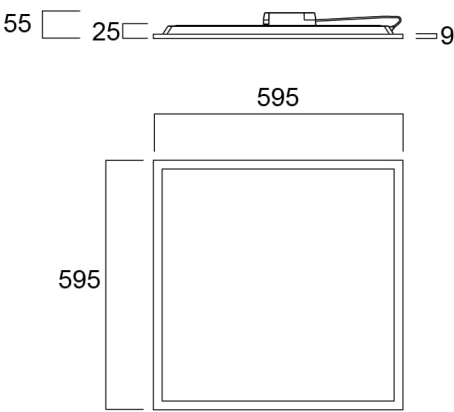
Colour Variation Initial (SDCM)	3
Beam Angle (°)	90
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	43
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9003
IP rating	IP40/20
IK rating	IK03
Product EAN number	5410288428314
Warranty	5 years
Dimming method	N/A

Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	START Panel UGR19 600x600 4800Lm 840 LILO
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium, Steel
Mount	Ceiling recessed mounting
General application	Education, Office
Operating temperature range (°C)	-10°C...+45°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4278461
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	4800
Luminaire efficacy (lm/W)	112

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Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	90
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	43
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	20.0
Electrical protection	Class II
Control gear required	Yes
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>25000
Dimmable	No
Dimming method	N/A
Drive current (mA)	800
Inrush Current (A)	22
Inrush Duration (µs)	170
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	43
Max. products per 13A C Breaker	57
Max. products per 16A C Breaker	70
Max. products per 20A C Breaker	88
Max. products per 10A B Breaker	25

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Max. products per 13A B Breaker	33
Max. products per 16A B Breaker	41
Max. products per 20A B Breaker	52
Connectable conductor cross section - Max (mm²)	1.5

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L80 B20	71000

PHYSICAL DATA

Housing colour	RAL9003
IP rating	IP40/20
IK rating	IK03
Diffuser finish	Prismatic
Diffuser material	Other
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	26
Weight (kg)	1.955

PACKAGING

Product EAN number	5410288428314
Packaging single length / height (cm)	60.0
Packaging single width (cm)	3.8
Packaging single depth (cm)	64.5
DUN14 (inner)	15410288428311
Units per outer package	1
Packaging outer length / height (cm)	60.0
Packaging outer width (cm)	3.8
Packaging outer depth (cm)	64.5

SAFETY DATA



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Glow Wire Test (°C)	650
Optimal operating condition (°C)	-10-45
Special purpose lamp	No
Dry applications use only	No
Suitable for household illumination	No