

Features

• START Panel is a range of backlit LED panels used in recessed ceilings. Ideal for general indoor applications such as corridors, breakrooms, offices and meeting rooms. Luminaire dimensions are compatible with common ceiling installation, and the shallow design makes it easy to install in low ceilings. Tp(b) rated diffuser that may not burn at a speed of more than 50mm per minute. 4000Lm; 36W; 111Lm/W; Drive current: 750mA; Average lifespan: 100.000Hrs; 4000K; CRI 80; Glare control <19; IK03; IP40 (from the front); SDCM<3; Class II; SylSmart Connected (SSA) enabled.

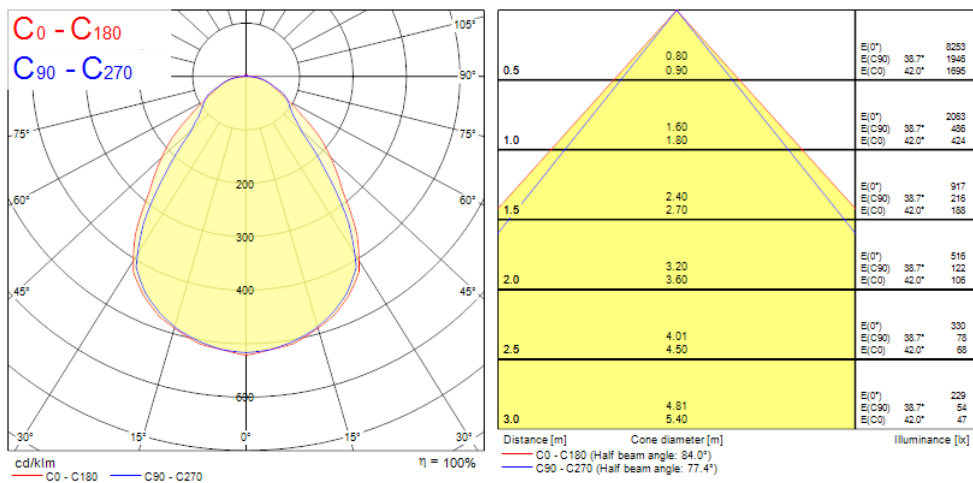
Product Overview

Product name	START Panel UGR19 600x600 4000Lm 840 SSA01D
Technology	LED
Cap/Base	N/A
Housing	Aluminium, Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
Fixture luminous flux (lm)	4000
Luminaire efficacy (lm/W)	111
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	90
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	36

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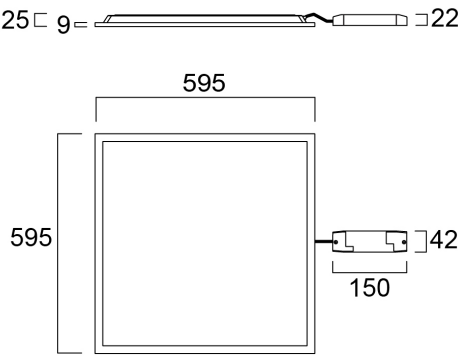
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9003
IP rating	IP40/20
IK rating	IK03
Product EAN number	5410288421605
Warranty	5 years
Dimming method	SylSmart SSA
Colour Code	840

Photometry



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Technical drawings



Data table

GENERAL DATA

Product name	START Panel UGR19 600x600 4000Lm 840 SSA01D
Technology	LED
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
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	4000
Luminaire efficacy (lm/W)	111

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Correlated colour temperature (k)	4000
Colour Code	840
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)	36
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	10
Electrical protection	Class II
Control gear required	Yes
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>25000
Dimmable	Yes
Dimming method	SylSmart SSA
Drive current (mA)	680
Inrush Current (A)	20
Inrush Duration (µs)	25
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	57
Max. products per 13A C Breaker	72
Max. products per 16A C Breaker	94
Max. products per 20A C Breaker	114

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Max. products per 10A B Breaker	35
Max. products per 13A B Breaker	43
Max. products per 16A B Breaker	55
Max. products per 20A B Breaker	69
Connectable conductor cross section - Max (mm ²)	1.5

LIFETIME DATA

Lifespan L70 B50	100000
Lifespan L70 B20	100000
Lifespan L70 B10	100000
Lifespan L80 B50	77000
Lifespan L80 B20	71000
Lifespan L80 B10	68000
Lifespan L90 B50	37000
Lifespan L90 B20	34000
Lifespan L90 B10	33000

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)	1.926

PACKAGING

Product EAN number	5410288421605
Packaging single length / height (cm)	70.1
Packaging single width (cm)	60.6
Packaging single depth (cm)	3.8



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DUN14 (inner)	15410288421602
Units per outer package	4
Packaging outer length / height (cm)	70.1
Packaging outer width (cm)	60.6
Packaging outer depth (cm)	3.8

SAFETY DATA

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