SYLVANIA

START PANEL IP44 UGR19 TW 600x600 4300LM SSC
0042706

Features

• START Panel IP44 Tunable White is a range of backlit LED panels with adjustable colour temperature ranging from 3000-5400K. 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. Nominal size 600x600mm, 4320Lm; 38W; 114Lm/W; Average lifespan: 100.000Hrs; CRI 80; Glare control <19; IK03; IP44 (from the front); SDCM<3; Class II; Loop in loop out connector for quick installation. Tp(a) rated diffuser. SylSmart Standalone (SSC) enabled. Not compatible with surface mounting frames.
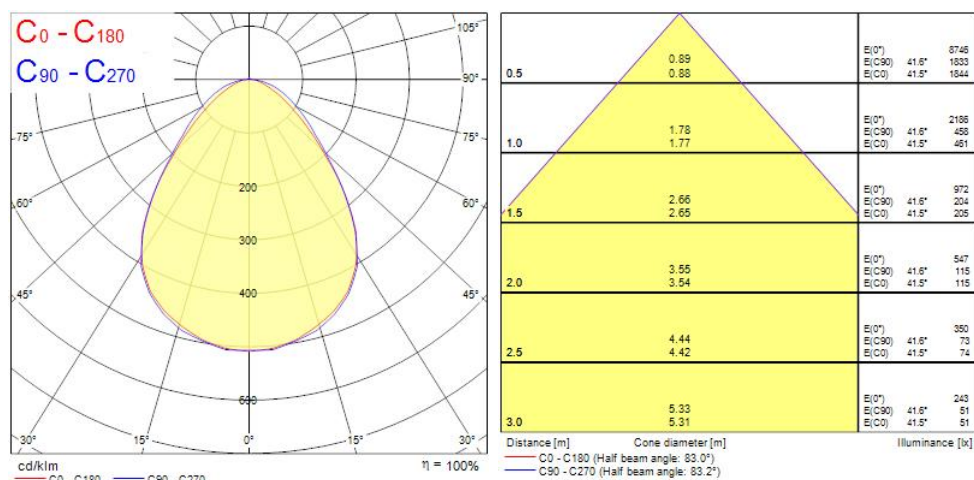
Product Overview

Product name	START PANEL IP44 UGR19 TW 600x600 4300LM SSC
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Hospitality, Logistics & Industry, Office
ETIM Class	EC002892
Fixture luminous flux (lm)	4320
Luminaire efficacy (lm/W)	114
Colour temperature (K)	4000
Light colour	Tuneable White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	85
Glare control	< 19

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Photobiological Risk Group	RG0
Total power consumption (W)	38
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Minimum dimming level (%)	5
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL9003
IP rating	IP44/20
IK rating	IK03
Product EAN number	5410288427065
Warranty	5 years
Colour Code	N/A
Dimming method	SylSmart SSC

Photometry

Distance [m]	Cone diameter [m]		Illuminance [lx]
0.5	0.89 / 0.88	E(0°) / E(C90) 41.6° / E(C0) 41.5°	8746 / 1833 / 1844
1.0	1.78 / 1.77	E(0°) / E(C90) 41.6° / E(C0) 41.5°	2186 / 458 / 461
1.5	2.66 / 2.65	E(0°) / E(C90) 41.6° / E(C0) 41.5°	972 / 204 / 205
2.0	3.55 / 3.54	E(0°) / E(C90) 41.6° / E(C0) 41.5°	547 / 115 / 115
2.5	4.44 / 4.42	E(0°) / E(C90) 41.6° / E(C0) 41.5°	350 / 73 / 74
3.0	5.33 / 5.31	E(0°) / E(C90) 41.6° / E(C0) 41.5°	243 / 51 / 51

C0 - C180 (Half beam angle: 83.0°)
C90 - C270 (Half beam angle: 83.2°)

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0042706

Technical drawings

595

595

66   35   9
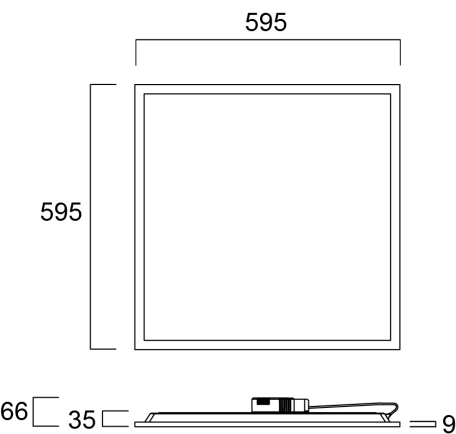
Data table

GENERAL DATA

Product name	START PANEL IP44 UGR19 TW 600x600 4300LM SSC
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Hospitality, Logistics & Industry, Office
Operating temperature range (°C)	-10°C...+45°C
ETIM Class	EC002892
Warranty	5 years

OPTICAL DATA

Fixture luminous flux (lm)	4320
Luminaire efficacy (lm/W)	114
Colour temperature (K)	4000
Correlated colour temperature range (K)	3000 - 5400

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Colour Code	N/A
Light colour	Tuneable White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
Beam Angle (°)	85
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

ELECTRICAL DATA

Total power consumption (W)	38
Mains voltage (V)	220-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	15.0
Electrical protection	Class II
Control gear required	No
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart SSC
Minimum dimming level (%)	5
Drive current (mA)	900
Inrush Current (A)	60
Inrush Duration (µs)	100
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	C
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 16A C Breaker	35
Max. Luminaires per 16A B Breaker	35

LIFETIME DATA

Lifespan L70 B50	100000

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0042706

Lifespan L80 B20	61000

PHYSICAL DATA

Housing colour	RAL9003
IP rating	IP44/20
IK rating	IK03
Diffuser finish	Diffuse
Diffuser material	PS Polystyrene
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	35
Weight (kg)	1.92

PACKAGING

Single packaging type	Carton
Product EAN number	5410288427065
Packaging single length / height (cm)	60.0
Packaging single width (cm)	3.8
Packaging single depth (cm)	68.5
DUN14 (outer)	15410288427062
Units per outer package	4
Packaging outer length / height (cm)	73.0
Packaging outer width (cm)	17.0
Packaging outer depth (cm)	65.0

SAFETY DATA

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

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