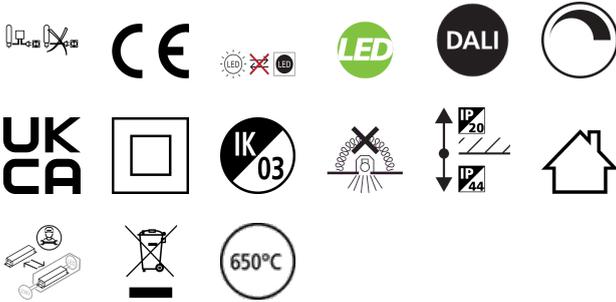# ST Panel UGR19 600x600 HE IP44 DALI 4300 840
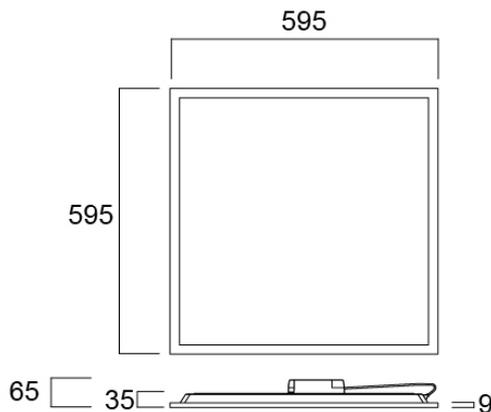
Item No: 0042639

SYLVANIA

START Panel IP44 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. Nominal size 600x600mm, 4300Lm; 34W; 126Lm/W; Average lifespan: 100.000Hrs; 4000K; CRI 80; Glare control <19; IK03; IP44 (from the front); SDCM<3; Class II; DALI dimmable.
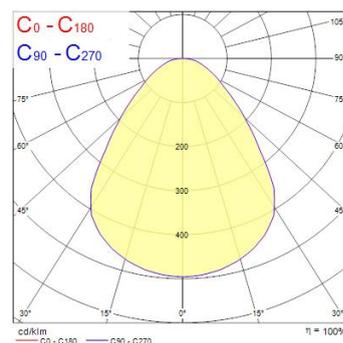
Technical Assets

Dimensions (mm)

595

595

65   35   9

Photometrics

Distance [m]	Cone diameter [m]		Illuminance [lx]
0.5	0.89	E(0°) 41.7°	8197
		E(C0)	1705
1.0	1.78	E(0°) 41.7°	2047
		E(C0)	426
1.5	2.67	E(0°) 41.7°	910
		E(C0)	189
2.0	3.56	E(0°) 41.7°	512
		E(C0)	107
2.5	4.45	E(0°) 41.7°	327
		E(C0)	68
3.0	5.35	E(0°) 41.7°	227
		E(C0)	47

C0 - C180 (Half beam angle: 83.4°)

C0 - C180
C90 - C270

200
300
400

cd/klm

C0 - C180   C90 - C270   η = 100%

ST Panel UGR19 600x600 HE IP44 DALI 4300 840

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SYLVANIA

General data

Product name	ST Panel UGR19 600x600 HE IP44 DALI 4300 840
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
E-number FI	4278345
Warranty	5 years

Optical data

Useful luminous flux (Φuse)	4300
Fixture luminous flux (lm)	4300
Luminaire efficacy (lm/W)	126
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	34
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
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	750
Inrush Current (A)	13.2
Inrush Duration (µs)	240
Energy Efficiency Class (A->G) of contained light source	C
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
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

ST Panel UGR19 600x600 HE IP44 DALI 4300 840

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Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK03
Diffuser finish	Prismatic
Diffuser material	Other
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	35
Weight (kg)	1.8

Packaging

Product EAN number	5410288426396
Packaging single length / height (cm)	60.0
Packaging single width (cm)	68.5
Packaging single depth (cm)	3.8
DUN14 (inner)	15410288426393
Units per outer package	4
Packaging outer length / height (cm)	70.0
Packaging outer width (cm)	62.0
Packaging outer depth (cm)	17.0

Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-10-45