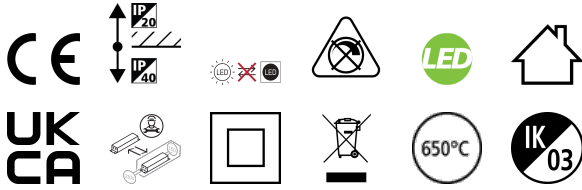


START Panel UGR19 1200x600 5900Lm 840 LILO

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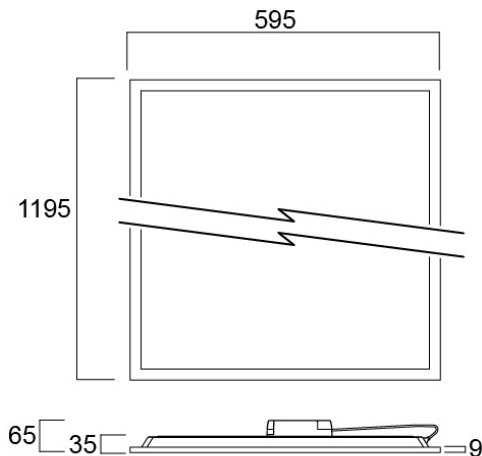
SYLVANIA



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. 5900Lm; 58W; 102Lm/W; Drive current: 1250mA; Average lifespan: 100.000Hrs; 4000K; CRI 80; Glare control <19; IK03; IP40 (from the front); SDCM<3; Class II; Loop in loop out connector for quick installation.

Technical Assets

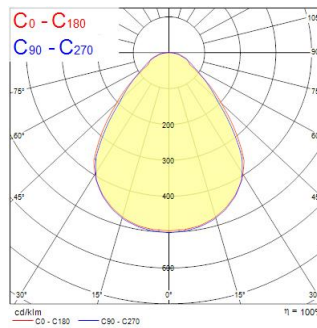
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam diameter [ft]	Beam diameter [in]	Illuminance [lx]
0.5	0.88 0.93	0.71	2.33	9.21	1139
		E(C90)	41.4°	251	
		E(C0)	43.0°	233	
1.0	1.76 1.87	0.71	2.33	9.21	2874
		E(C90)	41.4°	838	
		E(C0)	43.0°	763	
1.5	2.64 2.80	0.71	2.33	9.21	1322
		E(C90)	41.4°	293	
		E(C0)	43.0°	268	
2.0	3.53 3.73	0.71	2.33	9.21	743
		E(C90)	41.4°	189	
		E(C0)	43.0°	170	
2.5	4.41 4.66	0.71	2.33	9.21	476
		E(C90)	41.4°	120	
		E(C0)	43.0°	107	
3.0	5.29 5.60	0.71	2.33	9.21	320
		E(C90)	41.4°	71	
		E(C0)	43.0°	63	

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 90.0°)
 — C90 - C270 (Half beam angle: 90.0°)



START Panel UGR19 1200x600 5900Lm 840 LILO

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General data

Product name	START Panel UGR19 1200x600 5900Lm 840 LILO
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)	5900
Luminaire efficacy (lm/W)	102
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)	58
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
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	1250
Inrush Current (A)	17.1
Inrush Duration (µs)	276
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	32
Max. products per 13A C Breaker	43
Max. products per 16A C Breaker	53
Max. products per 20A C Breaker	67
Max. products per 10A B Breaker	18
Max. products per 13A B Breaker	25
Max. products per 16A B Breaker	31
Max. products per 20A B Breaker	39

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	71000

START Panel UGR19 1200x600 5900Lm 840 LILO

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SYLVANIA

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK03
Diffuser finish	Prismatic
Diffuser material	Other
Nominal Product Length (mm)	1195
Nominal Product Width (mm)	595
Nominal Product Height (mm)	35
Weight (kg)	4.81

Packaging

Product EAN number	5410288422022
Packaging single length / height (cm)	120.9
Packaging single width (cm)	3.8
Packaging single depth (cm)	66.0
DUN14 (inner)	05410288422022
Units per outer package	1
Packaging outer length / height (cm)	120.9
Packaging outer width (cm)	3.8
Packaging outer depth (cm)	66.0

Safety data

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