

START Panel Flat UGR19 600x600 830 SSH

Item No: 0047039

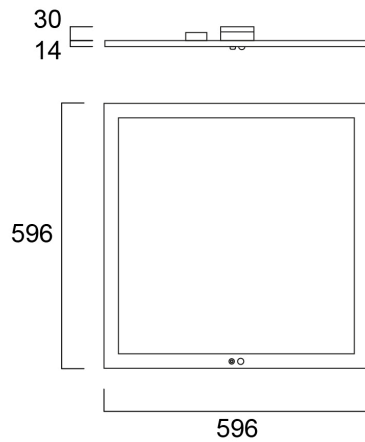
SYLVANIA



Edge lit LED flat panel. SYLSMART Connected Building - Fully wireless, adaptive, dynamic smart system. 32 W, Warm White, 3000 K, 3325 lumens, 104 lm/W, 50000 hours lifetime (L70), PMMA opal diffuser, aluminium frame, steel body, electronic driver. (HxWxD) 50 x 596 x 596 mm

Technical Assets

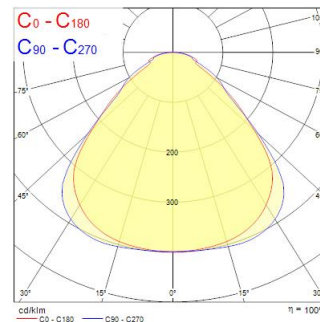
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	1.11	0.071	5329
1.0	2.23	0.142	1327
1.5	3.34	0.213	590
2.0	4.46	0.284	332
2.5	5.57	0.355	212
3.0	6.69	0.426	147

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 96.2°)



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General data

Product name	START Panel Flat UGR19 600x600 830 SSH
Technology	LED
Housing	Steel
Mount	Ceiling recessed mounting, Ceiling surface mounting, Suspended
Environment	Interior
General application	Education, Office
Operating temperature range (°C)	-20°C...+0°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3325
Luminaire efficacy (lm/W)	103.9
LOR (%)	100
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	32
Supply current (A)	0.107
Lamp power factor	0.96
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	15
Electrical protection	Class II
Dimmable	Yes
Dimming method	SylSmart Connected V2 (SSH)
Minimum dimming level (%)	1
Drive current (mA)	750
Inrush Current (A)	25
Inrush Duration (µs)	177
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	53
Max. products per 13A C Breaker	69
Max. products per 16A C Breaker	86
Max. products per 20A C Breaker	107
Max. products per 10A B Breaker	31
Max. products per 13A B Breaker	41
Max. products per 16A B Breaker	51
Max. products per 20A B Breaker	64

Lifetime data

Lifespan L70 B50	54000
Lifespan L70 B20	54000
Lifespan L70 B10	54000
Lifespan L80 B50	54000
Lifespan L80 B20	54000
Lifespan L80 B10	54000
Lifespan L90 B50	54000
Lifespan L90 B20	54000
Lifespan L90 B10	54000

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Physical data

Housing colour	White
IP rating	IP40/20
IK rating	IK06
Diffuser finish	Prismatic
Diffuser material	PMMA Acrylic
Nominal Product Length (mm)	596
Nominal Product Width (mm)	596
Nominal Product Height (mm)	50
Weight (kg)	4.4
Recessed Depth (mm)	50

Packaging

Product EAN number	5410288470399
Packaging single length / height (cm)	70.0
Packaging single width (cm)	65.0
Packaging single depth (cm)	50.0
DUN14 (inner)	05410288470399
Units per outer package	1
Packaging outer length / height (cm)	70.0
Packaging outer width (cm)	65.0
Packaging outer depth (cm)	50.0

Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-20-0