

# START Panel Flat UGR19 600x600 840 SSH

Item No: 0047040

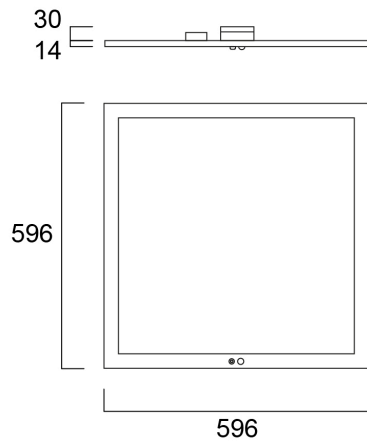
**SYLVANIA**



Edge lit LED flat panel. SYLSMART Connected Building - Fully wireless, adaptive, dynamic smart system. 32 W, Neutral White, 4000 K, 3500 lumens, 109 lm/W, 50000 hours lifetime (L70), PMMA opal diffuser, aluminium frame, steel body, electronic driver. (HxWxD) 50 x 596 x 596 mm

## Technical Assets

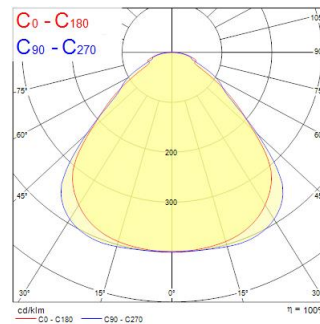
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	1.11	0.71	5505
1.0	2.23	1.42	1377
1.5	3.34	2.13	612
2.0	4.46	2.84	344
2.5	5.57	3.55	220
3.0	6.69	4.26	153

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 840 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)	3500
Luminaire efficacy (lm/W)	109.3
LOR (%)	100
Correlated colour temperature (k)	4000
Light colour	Neutral 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
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.96
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	15
Electrical protection	Class II
Control gear type	LED driver constant current
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

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## 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

## 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	5410288470405
Packaging single length / height (cm)	70.0
Packaging single width (cm)	65.0
Packaging single depth (cm)	5.0
DUN14 (inner)	05410288470405
Units per outer package	1
Packaging outer length / height (cm)	70.0
Packaging outer width (cm)	65.0
Packaging outer depth (cm)	5.0

## Safety data

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