

# START Panel Flat UGR19 600x600 3500Lm 830

Item No: 0047226

**SYLVANIA**



Edge lit LED flat panel with low glare (UGR<19). Low Flicker, 35 W, Warm White, 3000 K, 3500 lumens, 100 lm/W, Average lifespan: 120.000Hrs, prismatic diffuser, aluminium frame, steel body, electronic non dimmable driver. (HxWxD) 9.5 x 595 x 595 mm

## Technical Assets

### Dimensions (mm)

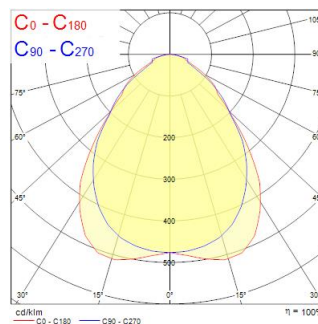


### Photometrics

0.5	0.52 0.91	8000 E10° E150° 42.8° E100° 42.2°
1.0	1.83 1.81	1647 E10° E150° 42.8° E100° 42.2°
1.5	2.75 2.72	732 E10° E150° 42.8° E100° 42.2°
2.0	3.67 3.65	412 E10° E150° 42.8° E100° 42.2°
2.5	4.58 4.53	284 E10° E150° 42.8° E100° 42.2°
3.0	5.50 5.44	183 E10° E150° 42.8° E100° 42.2°

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 84.0°)  
— C90 - C270 (Half beam angle: 65.0°)



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## General data

Product name	START Panel Flat UGR19 600x600 3500Lm 830
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting, Ceiling surface mounting, Suspended
Environment	Interior
General application	Education, Office
Operating temperature range (°C)	-20°C...+40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4276947
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	3,500
Luminaire efficacy (lm/W)	100
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	90
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

## Electrical data

Total power consumption (W)	35
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	15.0
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	930
Inrush Current (A)	10
Inrush Duration (µs)	100
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	60
Max. products per 13A C Breaker	75
Max. products per 16A C Breaker	95
Max. products per 20A C Breaker	120

## Lifetime data

Lifespan L70 B50	120000
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## Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK03
Diffuser finish	Prismatic
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	9.5
Weight (kg)	2.653
Recessed Depth (mm)	38

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## Packaging

Product EAN number	5410288472263
Packaging single length / height (cm)	63.0
Packaging single width (cm)	4.4
Packaging single depth (cm)	67.5
DUN14 (inner)	15410288472260
Units per outer package	2
Packaging outer length / height (cm)	65.0
Packaging outer width (cm)	10.8
Packaging outer depth (cm)	69.5

## Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-20-40