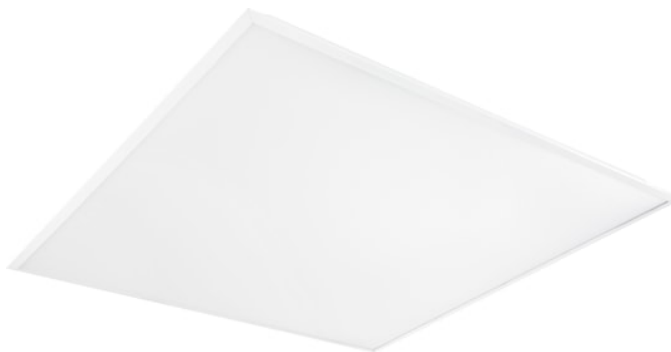
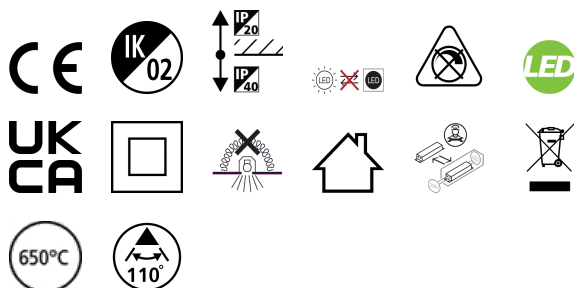


# START Panel Eco 600x600 3200lm 840

Item No: 0044624

**SYLVANIA**

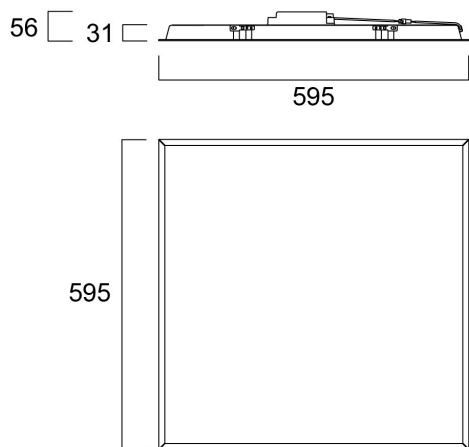
**START**™ eco



LED Panel with backlit technology, ideal for general indoor lighting applications such as breakout areas, offices and meeting rooms. Low glaring UGR<22. RG0, 110 degree beam angle , optical system: PS diffuser with Opal finish. Tp(b) rated diffuser that may not burn at a speed of more than 50mm per minute. Light color temperature: 4000K Neutral White, total system power: 29W , total fixture output: 3200lm, efficacy: 110lm/W, Ra80 typical, LED chromacity: 5 step MacAdam ellipse (SDCM5), lifespan: 100,000 hours at 70% of the original output (L70B50), IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, low flicker, non dimmable driver, electrical protection: Class II. Degree of Protection: IP40/IP20, suitable for indoor environment only. Nominal size: 595x595x31mm, Loop in / loop out wiring, saftey cables & quick connector included, 31mm nominal height, White color frame, weight: 1,52kg.

## Technical Assets

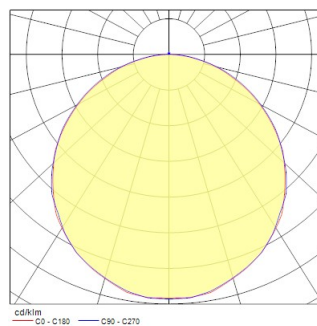
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	E175	E180	E185	E190	E195	E200	E205	E210	E215	E220	E225	E230	E235	E240	E245	E250	ILLUMINANCE [lx]
0.5	1.53 1.51	4375	3810	3245	2680	2115	1550	985	420	165	70	30	12	5	2	1	0.5	4375
1.0	3.07 3.02	1094	952	810	670	525	380	235	95	37	15	6	3	1	0.5	0.2	0.1	1094
1.5	4.60 4.53	496	425	354	283	212	141	87	34	13	5	2	1	0.5	0.3	0.1	0.05	496
2.0	6.14 6.04	272	230	188	146	104	62	38	14	5	2	1	0.5	0.4	0.1	0.05	0.02	272
2.5	7.67 7.55	179	150	121	92	63	34	18	6	2	1	0.5	0.5	0.1	0.05	0.02	0.01	179
3.0	9.20 9.07	122	101	80	60	40	21	10	4	1	0.5	0.6	0.1	0.05	0.02	0.01	0.005	122

Distance [m] Cone diameter [m]  
 — C0 - C180 (Half beam angle: 113.0°)  
 — C90 - C270 (Half beam angle: 113.9°)



cd/klm  
 — C0 - C180 — C90 - C270

# START Panel Eco 600x600 3200lm 840

Item No: 0044624

**SYLVANIA**

## General data

Product name	START Panel Eco 600x600 3200lm 840
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting, Suspended
Built in presence detector	NONE
General application	Education, Office
Operating temperature range (°C)	-10°C...+45°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	3200
Luminaire efficacy (lm/W)	110
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	110
Distribution type	Symmetric
Glare control	< 22
Photobiological Risk Group	RG0

## Electrical data

Emergency type	
Total power consumption (W)	29
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
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)	750
Inrush Current (A)	16
Inrush Duration (µs)	200
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	42
Max. products per 16A C Breaker	68
Max. products per 10A B Breaker	25
Max. products per 16A B Breaker	40
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.5

## Lifetime data

Lifespan L70 B50	100000
Lifespan L70 B20	100000
Lifespan L70 B10	100000
Lifespan L80 B50	94000
Lifespan L80 B20	76000
Lifespan L80 B10	67000
Lifespan L90 B50	45000
Lifespan L90 B20	37000
Lifespan L90 B10	33000

# START Panel Eco 600x600 3200lm 840

Item No: 0044624

**SYLVANIA**

## Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK02
Diffuser finish	Diffuse
Diffuser material	PS Polystyrene
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	31
Weight (kg)	1.372

## Packaging

Product EAN number	5410288446240
Packaging single length / height (cm)	60.3
Packaging single width (cm)	3.8
Packaging single depth (cm)	63.6
DUN14 (inner)	15410288446247
Units per outer package	4
Packaging outer length / height (cm)	68.9
Packaging outer width (cm)	17.8
Packaging outer depth (cm)	66.3

## Safety data

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