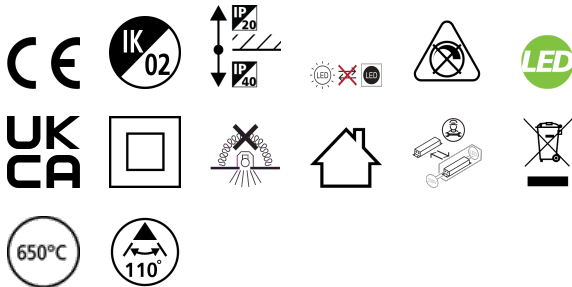


START eco Panel 600x600 4200lm 840

Item No: 0048088

SYLVANIA

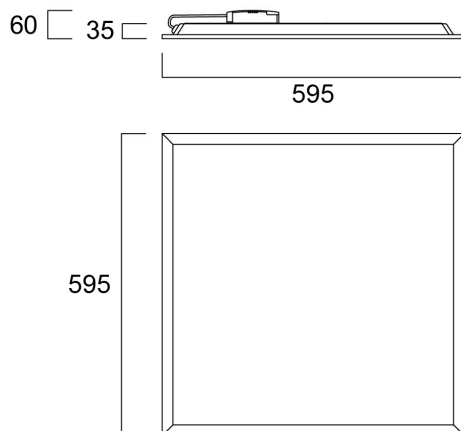
START™ eco



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. Light color temperature: 4000K Neutral White, total system power: 35W , total fixture output: 4200lm, efficacy: 120lm/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: 595x595x35mm, 35mm nominal height, White color frame, weight: 2,05kg.

Technical Assets

Dimensions (mm)

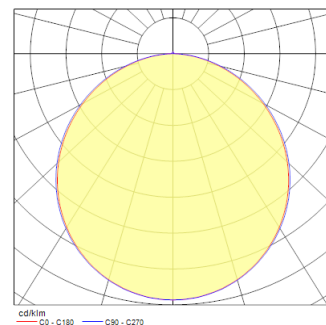


Photometrics

Distance [m]	Cone diameter [m]	E171	E170	E169	E168	E167	E166	E165	E164
0.5	1.53 1.48	5734	5630	5526	5422	5318	5214	5110	5006
1.0	3.07 2.96	1441	1412	1383	1354	1325	1296	1267	1238
1.5	4.60 4.46	640	624	608	592	576	560	544	528
2.0	6.14 5.96	360	351	342	333	324	315	306	297
2.5	7.67 7.44	231	225	219	213	207	201	195	189
3.0	9.20 8.93	160	156	152	147	143	138	134	130

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

— C0 - C180 (Half beam angle: 112.2°)
— C90 - C270 (Half beam angle: 113.8°)



START eco Panel 600x600 4200lm 840

Item No: 0048088

SYLVANIA

General data

Product name	START eco Panel 600x600 4200lm 840
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Built in presence detector	NONE
General application	Education, Office
Operating temperature range (°C)	5°C...+40°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
E-number FI	4279999
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4200
Luminaire efficacy (lm/W)	120
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)	35
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)	800
Inrush Current (A)	28.8
Inrush Duration (µs)	138
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	30
Max. products per 13A C Breaker	39
Max. products per 16A C Breaker	49
Max. products per 20A C Breaker	61
Max. products per 10A B Breaker	21
Max. products per 13A B Breaker	27
Max. products per 16A B Breaker	33
Max. products per 20A B Breaker	42
Connectable conductor cross section - Min (mm ²)	0.75
Connectable conductor cross section - Max (mm ²)	1.5

Lifetime data

Lifespan L70 B50 | 100000

START eco Panel 600x600 4200lm 840

Item No: 0048088

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)	35
Weight (kg)	2.05

Packaging

Product EAN number	5410288480886
Packaging single length / height (cm)	64.0
Packaging single width (cm)	35.0
Packaging single depth (cm)	60.0
DUN14 (inner)	15410288480883
Units per outer package	4
Packaging outer length / height (cm)	65.3
Packaging outer width (cm)	16.2
Packaging outer depth (cm)	61.8

Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	5-40