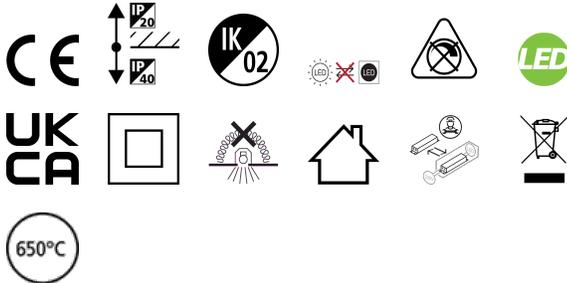


START eco Panel UGR19 600x600 4000lm 840

Item No: 0048086

SYLVANIA

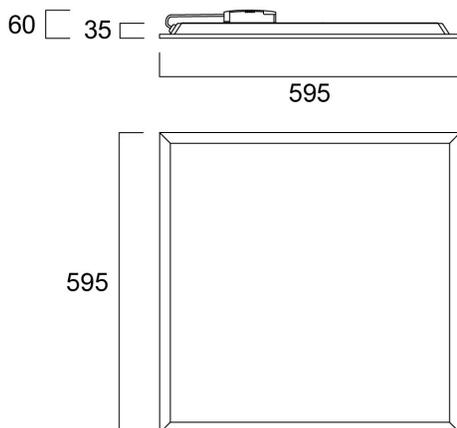
START™ eco



LED Panel with backlit technology, ideal for general indoor lighting applications such as breakout areas, offices and meeting rooms. Low glaring UGR<19. RG0, 90 degree beam angle, optical system: PS diffuser with Prismatic finish. Light color temperature: 4000K Neutral White, total system power: 35W, total fixture output: 4000lm, efficacy: 114lm/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.

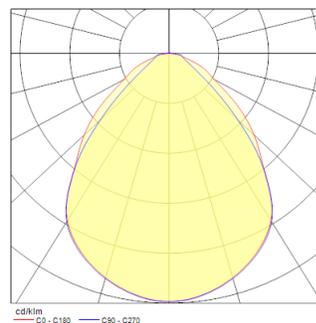
Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam angle [°]	Illuminance [lx]
0.5	0.52 1.00	0.52 1.00	42.7° 44.9°	769 1587
1.0	1.05 1.99	1.05 1.99	42.7° 44.9°	397 397
1.5	1.57 2.99	1.57 2.99	42.7° 44.9°	265 265
2.0	2.09 3.99	2.09 3.99	42.7° 44.9°	197 197
2.5	2.61 4.98	2.61 4.98	42.7° 44.9°	158 158
3.0	3.14 5.98	3.14 5.98	42.7° 44.9°	114 114



START eco Panel UGR19 600x600 4000lm 840

Item No: 0048086

SYLVANIA

General data

Product name	START eco Panel UGR19 600x600 4000lm 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	4279964
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4000
Luminaire efficacy (lm/W)	114
Correlated colour temperature (k)	4000
Light colour	Neutral 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
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
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
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START eco Panel UGR19 600x600 4000lm 840

Item No: 0048086

SYLVANIA

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK02
Diffuser finish	Prismatic
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	5410288480862
Packaging single length / height (cm)	62.5
Packaging single width (cm)	3.5
Packaging single depth (cm)	60.0
DUN14 (inner)	15410288480869
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