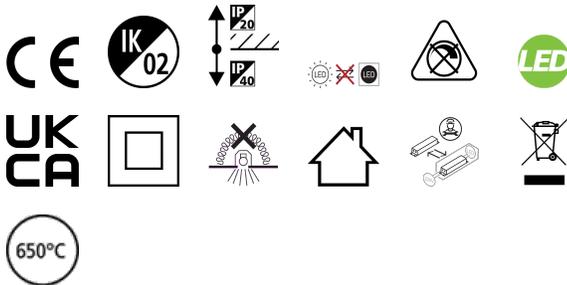# START Panel Eco UGR19 600x600 3200lm 840
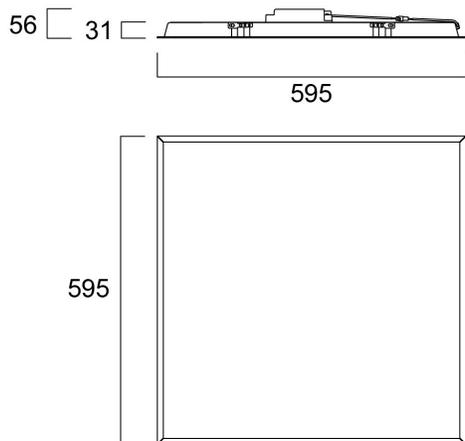
Code article 0044622

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. 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.
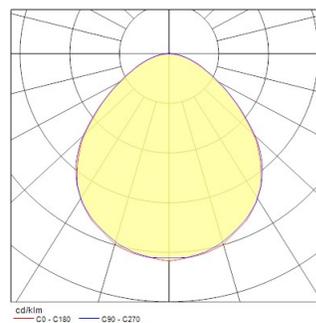
Atouts techniques

Dimensions (mm)

Photométrie

Distance [m]	Cone diameter [m]		E	Illuminance [lx]
0.5	1.17 / 1.15		E(0°) / E(C90) 49.5° / E(C0) 49.9°	5045 / 724 / 760
1.0	2.34 / 2.29		E(0°) / E(C90) 49.5° / E(C0) 49.9°	1336 / 181 / 190
1.5	3.51 / 3.44		E(0°) / E(C90) 49.5° / E(C0) 49.9°	594 / 80 / 84
2.0	4.68 / 4.59		E(0°) / E(C90) 49.5° / E(C0) 49.9°	334 / 45 / 47
2.5	5.85 / 5.73		E(0°) / E(C90) 49.5° / E(C0) 49.9°	214 / 29 / 30
3.0	7.03 / 6.88		E(0°) / E(C90) 49.5° / E(C0) 49.9°	148 / 20 / 21

— C0 - C180 (Half beam angle: 97.8°)
— C90 - C270 (Half beam angle: 99.0°)

cd/klm
— C0 - C180 — C90 - C270

START Panel Eco UGR19 600x600 3200lm 840

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SYLVANIA

Données générales

Nom du produit	START Panel Eco UGR19 600x600 3200lm 840
Technologie	LED
Cap/Base	N/A
Housing	Steel
Montage	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	3 ans

Données optiques

Fixture luminous flux (lm)	3200
Luminaire efficacy (lm/W)	110
Température de couleur (K)	4000
Couleur de lumière	Neutral White
IRC (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	90
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Caractéristiques électriques

Consommation électrique totale (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
Type d'appareillage	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	750
Courant d'appel (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 (mm²)	1.5

Durée de vie

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 UGR19 600x600 3200lm 840

SYLVANIA

Données physiques

Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK02
Diffuser finish	Diffuse
Diffuser material	PS Polystyrene
Longueur (mm)	595
Largeur (mm)	595
Nominal Product Height (mm)	31
Poids (kg)	1.52

Emballage

Product EAN number	5410288446226
Longueur simple de l'emballage (cm)	60.0
Largeur simple de l'emballage (cm)	65.0
Packaging single depth (cm)	3.8
DUN14 (inner)	15410288446223
Units per outer package	4
Packaging outer length / height (cm)	69.0
Packaging outer width (cm)	65.0
Packaging outer depth (cm)	17.0

Sécurité

Glow Wire Test (°C)	650
Condition de fonctionnement optimal (° C)	-10-45