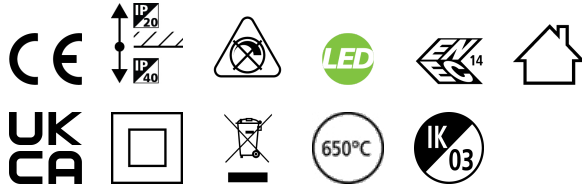


START Panel Flat UGR19 600x600 4800Lm 840

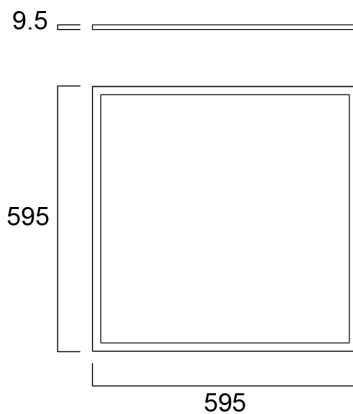
Item No: 0047231



Edge lit LED flat panel with low glare (UGR<19). Low Flicker, 48 W, Neutral White, 4000 K, 4800 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

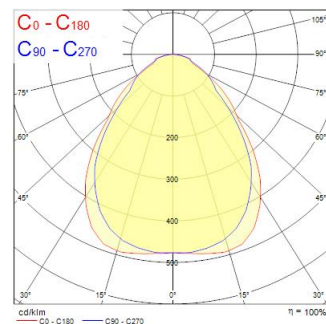
Technical Assets

Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam angle [°]	Beam angle [°]	Beam angle [°]	Illuminance [lx]
0.5	0.89	0.86	41°	41°	43°	970
			41°	41°	43°	190
			41°	41°	43°	150
1.0	1.79	1.90	41°	41°	43°	234
			41°	41°	43°	477
			41°	41°	43°	481
1.5	2.68	2.86	41°	41°	43°	100
			41°	41°	43°	212
			41°	41°	43°	251
2.0	3.58	3.90	41°	41°	43°	673
			41°	41°	43°	119
			41°	41°	43°	113
2.5	4.47	4.74	41°	41°	43°	381
			41°	41°	43°	70
			41°	41°	43°	71
3.0	5.36	5.69	41°	41°	43°	255
			41°	41°	43°	88
			41°	41°	43°	80



START Panel Flat UGR19 600x600 4800Lm 840

Item No: 0047231

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General data

Product name	START Panel Flat UGR19 600x600 4800Lm 840
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	4276952
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4800
Luminaire efficacy (lm/W)	100
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)	48
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)	1120
Inrush Current (A)	15
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	45
Max. products per 13A C Breaker	55
Max. products per 16A C Breaker	70
Max. products per 20A C Breaker	90

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)	2.713
Recessed Depth (mm)	45

START Panel Flat UGR19 600x600 4800Lm 840

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SYLVANIA

Packaging

Product EAN number	5410288472317
Packaging single length / height (cm)	63.0
Packaging single width (cm)	4.4
Packaging single depth (cm)	67.5
DUN14 (inner)	15410288472314
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