

START Panel Flat UGR19 1200x300 3500Lm 840

Item No: 0047233

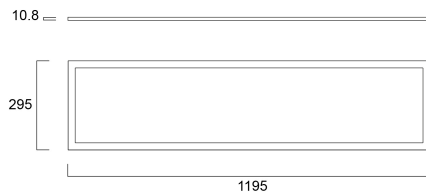
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Edge lit LED flat panel with low glare (UGR<19). Low Flicker, 35 W, Neutral White, 4000 K, 3500 lumens, 100 lm/W, Average lifespan: 120.000Hrs, prismatic diffuser, aluminium frame, steel body, electronic non dimmable driver. (HxWxD) 10.8 x 1195 x 295 mm

Technical Assets

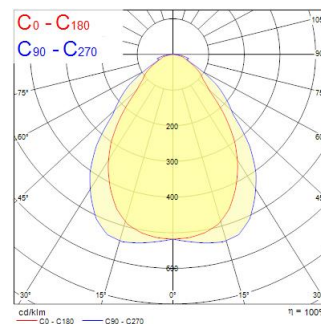
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam diameter [m]	Beam angle [°]	Beam angle [°]	Beam angle [°]	Illuminance [lx]
0.5	0.94 0.78		43.2°	37.9°	37.9°	737 1496 1503
1.0	1.88 1.56		43.2°	37.9°	37.9°	1834 374 481
1.5	2.82 2.34		43.2°	37.9°	37.9°	815 198 251
2.0	3.76 3.11		43.2°	37.9°	37.9°	489 98 123
2.5	4.70 3.89		43.2°	37.9°	37.9°	290 68 87
3.0	5.63 4.67		43.2°	37.9°	37.9°	204 44 58

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 75.9°)
 — C90 - C270 (Half beam angle: 66.4°)



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General data

Product name	START Panel Flat UGR19 1200x300 3500Lm 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	4276954
Warranty	5 years

Optical data

Fixture luminous flux (lm)	3,550
Luminaire efficacy (lm/W)	101
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
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)	930
Inrush Current (A)	10
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	60
Max. products per 13A C Breaker	75
Max. products per 16A C Breaker	95
Max. products per 20A C Breaker	120

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)	1195
Nominal Product Width (mm)	295
Nominal Product Height (mm)	10.8
Weight (kg)	2.801
Recessed Depth (mm)	39

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Packaging

Product EAN number	5410288472331
Packaging single length / height (cm)	33.0
Packaging single width (cm)	3.5
Packaging single depth (cm)	127.5
DUN14 (inner)	15410288472338
Units per outer package	2
Packaging outer length / height (cm)	129.5
Packaging outer width (cm)	9.0
Packaging outer depth (cm)	35.0

Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-20-40