

START Panel Flat UGR19 1200x600 5500Lm 840

Item No: 0047235

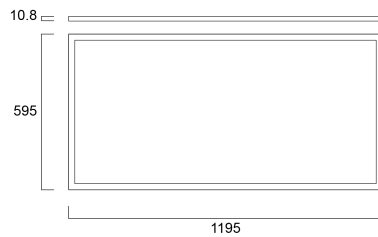
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Edge lit LED flat panel with low glare (UGR<19). Low Flicker, 55 W, Neutral White, 4000 K, 5500 lumens, 100 lm/W, Average lifespan: 120.000Hrs, prismatic diffuser, aluminium frame, steel body, electronic non dimmable driver. (HxWxD) 10.8 x 1195 x 595 mm

Technical Assets

Dimensions (mm)

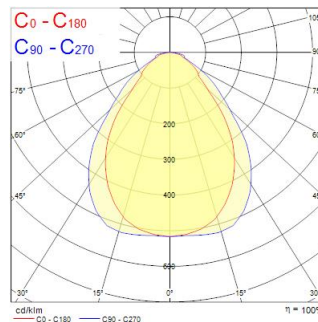


Photometrics

0.5	0.97 0.79	1130 E17 E1C90 44° E1C00 30°	2117 2142
1.0	1.94 1.58	2837 E17 E1C90 44° E1C00 30°	529 688
1.5	2.92 2.37	1238 E17 E1C90 44° E1C00 30°	228 292
2.0	3.89 3.16	707 E17 E1C90 44° E1C00 30°	132 171
2.5	4.86 3.95	482 E17 E1C90 44° E1C00 30°	88 110
3.0	5.83 4.74	314 E17 E1C90 44° E1C00 30°	59 78

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

— C0 - C180 (Half beam angle: 76.9°)
— C90 - C270 (Half beam angle: 66.4°)



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General data

Product name	START Panel Flat UGR19 1200x600 5500Lm 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	4276956
Warranty	5 years

Optical data

Fixture luminous flux (lm)	5,500
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)	55
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)	1400
Inrush Current (A)	20
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	40
Max. products per 13A C Breaker	50
Max. products per 16A C Breaker	60
Max. products per 20A C Breaker	80

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)	595
Nominal Product Height (mm)	10.8
Weight (kg)	2.861
Recessed Depth (mm)	39

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Packaging

Product EAN number	5410288472355
Packaging single length / height (cm)	33.0
Packaging single width (cm)	3.5
Packaging single depth (cm)	127.5
DUN14 (inner)	15410288472352
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