

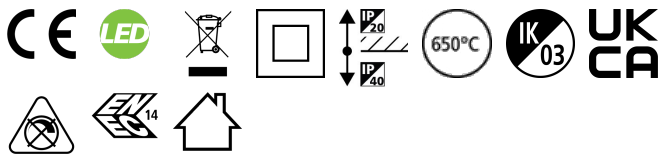
START Panel Flat UGR19 1200x300

START Panel Flat UGR19 1200x300 3500Lm 840
0047233



Product features

- 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



PRODUCT OVERVIEW

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
ETIM Class	EC002892
E-number FI	4276954
Warranty	5 years
Fixture luminous flux (lm)	3,550
Luminaire efficacy (lm/W)	101
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	90
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	35
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK03
Product EAN number	5410288472331

DATA TABLE

General data

Product name	START Panel Flat UGR19 1200x300 3500Lm 840
Technology	LED
Housing	Aluminium

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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
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
Mains voltage (V)	220-240V~
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
Drive current (mA)	930
Inrush Current (A)	10
Inrush Duration (µs)	100
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	60
Max. Luminaires per 13A C Breaker	75
Max. Luminaires per 16A C Breaker	95
Max. Luminaires 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

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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

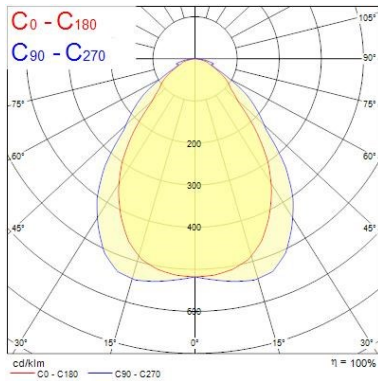
Packaging

Single packaging type	Carton
Product EAN number	5410288472331
Packaging single length / height (cm)	33.0
Packaging single width (cm)	3.5
Packaging single depth (cm)	127.5
DUN14 (outer)	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

Optimal operating condition (°C)	-20-40
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PHOTOMETRY



Distance [m]	Cone diameter [m]	E ₀ [lx]	E ₁ [lx]	E ₂ [lx]
0.5	0.94	7337	43.2*	1498
	0.78		37.9*	1302
1.0	1.88	1834	43.2*	374
	1.56		37.9*	431
1.5	2.82	819	43.2*	198
	2.34		37.9*	201
2.0	3.76	489	43.2*	93
	3.11		37.9*	113
2.5	4.70	283	43.2*	61
	3.89		37.9*	72
3.0	5.63	204	43.2*	42
	4.67		37.9*	50

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 75.8°)
 — C90 - C270 (Half beam angle: 86.4°)

TECHNICAL DRAWINGS

