

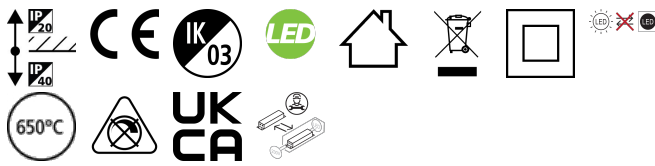
START Panel IP40 UGR19 1200x600

START Panel UGR19 1200x600 5700Lm 830 LILO
0042201



Product features

- START Panel is a range of backlit LED panels used in recessed ceilings. Ideal for general indoor applications such as corridors, breakrooms, offices and meeting rooms. Luminaire dimensions are compatible with common ceiling installation, and the shallow design makes it easy to install in low ceilings. 5700Lm; 58W; 98Lm/W; Drive current: 1250mA; Average lifespan: 100.000Hrs; 3000K; CRI 80; Glare control <19; IK03; IP40 (from the front); SDCM<3; Class II; Loop in loop out connector for quick installation.



PRODUCT OVERVIEW

Product name	START Panel UGR19 1200x600 5700Lm 830 LILO
Technology	LED
Housing	Aluminium, Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
E-number FI	4278395
Warranty	5 years
Fixture luminous flux (lm)	5700
Luminaire efficacy (lm/W)	98
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	58
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	5410288422015
Dimming method	N/A

DATA TABLE

General data

Product name	START Panel UGR19 1200x600 5700Lm 830 LILO
Technology	LED

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Housing	Aluminium, Steel
Mount	Ceiling recessed mounting
General application	Education, Office
Operating temperature range (°C)	-10°C - 45°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4278395
Warranty	5 years

Optical data

Fixture luminous flux (lm)	5700
Luminaire efficacy (lm/W)	98
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	58
Mains voltage (V)	220-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Drive current (mA)	1250
Inrush Current (A)	17.1
Inrush Duration (µs)	276
Glow Wire Test (°C)	650
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	32
Max. Luminaires per 13A C Breaker	43
Max. Luminaires per 16A C Breaker	53
Max. Luminaires per 20A C Breaker	67
Max. Luminaires per 10A B Breaker	18
Max. Luminaires per 13A B Breaker	25
Max. Luminaires per 16A B Breaker	31
Max. Luminaires per 20A B Breaker	39

Lifetime data

Lifespan L70 B50	100000
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Lifespan L80 B20 71000

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK03
Diffuser finish	Prismatic
Diffuser material	Other
Nominal Product Length (mm)	1195
Nominal Product Width (mm)	595
Nominal Product Height (mm)	35
Weight (kg)	4.82

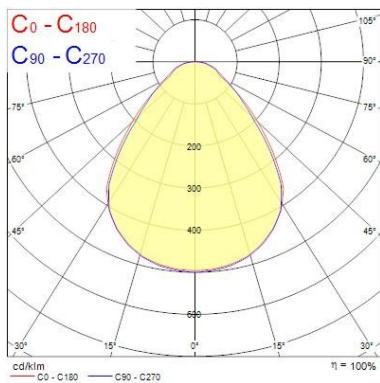
Packaging

Single packaging type	Carton
Product EAN number	5410288422015
Packaging single length / height (cm)	120.9
Packaging single width (cm)	3.8
Packaging single depth (cm)	66.0
DUN14 (outer)	15410288422012
Units per outer package	1
Packaging outer length / height (cm)	120.9
Packaging outer width (cm)	3.8
Packaging outer depth (cm)	66.0

Safety data

Optimal operating condition (°C)	-10-45
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PHOTOMETRY



Distance [m]	Cone diameter [m]	E [0°]	E [C90]	E [C0]	illuminance [lx]
0.5	0.89 0.94	11587	41.7° 2431	43.1° 2258	
1.0	1.78 1.87	2892	41.7° 603	43.1° 565	
1.5	2.67 2.81	1285	41.7° 270	43.1° 251	
2.0	3.56 3.74	722	41.7° 152	43.1° 141	
2.5	4.45 4.68	453	41.7° 97	43.1° 90	
3.0	5.35 5.61	321	41.7° 68	43.1° 63	

Distance [m] Cone diameter [m] illuminance [lx]
 C0 - C180 (Half beam angle: 52.5°)
 C90 - C270 (Half beam angle: 45.4°)

TECHNICAL DRAWINGS

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