

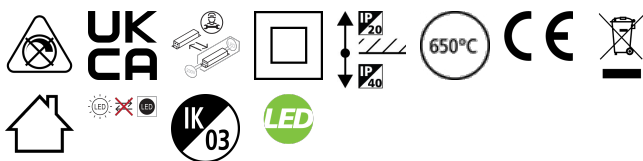
START Panel IP40 UGR19 1200x600

START Panel UGR19 1200x600 5900Lm 840 LILO
0042202



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. 5900Lm; 58W; 102Lm/W; Drive current: 1250mA; Average lifespan: 100.000Hrs; 4000K; 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 5900Lm 840 LILO
Technology	LED
Housing	Aluminium, Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
E-number FI	4278396
Warranty	5 years
Fixture luminous flux (lm)	5900
Luminaire efficacy (lm/W)	102
Colour temperature (K)	4000
Light colour	Neutral 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
Dimming method	N/A
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK03
Product EAN number	5410288422022

DATA TABLE

General data

Product name	START Panel UGR19 1200x600 5900Lm 840 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	4278396
Warranty	5 years

Optical data

Fixture luminous flux (lm)	5900
Luminaire efficacy (lm/W)	102
Colour temperature (K)	4000
Light colour	Neutral 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
Dimming method	N/A
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

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Lifetime data

Lifespan L70 B50	100000
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)	4.828

Packaging

Single packaging type	Carton
Product EAN number	5410288422022
Packaging single length / height (cm)	66.0
Packaging single width (cm)	120.9
Packaging single depth (cm)	3.8
DUN14 (outer)	05410288422022
Units per outer package	1
Packaging outer length / height (cm)	66.0
Packaging outer width (cm)	120.9
Packaging outer depth (cm)	3.8

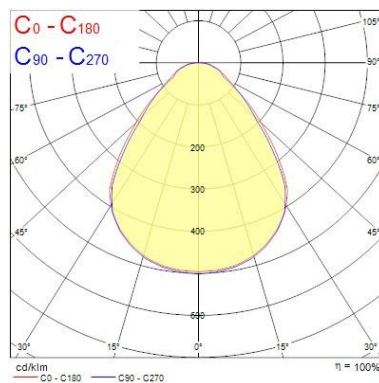
Safety data

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

Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.88 0.93	E(0°) 11995 E(C90) 2651 E(C0) 2330
1.0	1.76 1.87	E(0°) 2974 E(C90) 41.4° 638 E(C0) 43.0° 583
1.5	2.64 2.80	E(0°) 1322 E(C90) 41.4° 283 E(C0) 43.0° 259
2.0	3.53 3.73	E(0°) 743 E(C90) 41.4° 189 E(C0) 43.0° 146
2.5	4.41 4.66	E(0°) 478 E(C90) 41.4° 102 E(C0) 43.0° 93
3.0	5.29 5.60	E(0°) 330 E(C90) 41.4° 71 E(C0) 43.0° 65

Distance [m] Cone diameter [m] illuminance [lx]
 — C0 - C180 (Half beam angle: 86.0°)
 — C90 - C270 (Half beam angle: 82.8°)



TECHNICAL DRAWINGS

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