

## START Panel 600x600

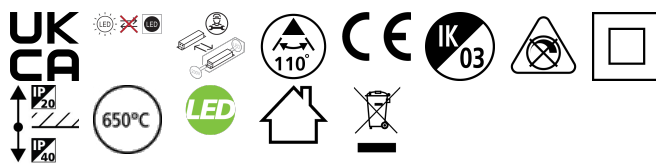
START Panel 600x600 3800Lm 830 LILO

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### 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. 3800Lm; 36W; 106Lm/W; Drive current: 750mA; Average lifespan: 100.000Hrs; 3000K; CRI 80; Glare control <22; IK03; IP40 (from the front); SDCM<3; Class II; Loop in loop out connector for quick installation.



### PRODUCT OVERVIEW

Product name	START Panel 600x600 3800Lm 830 LILO
Technology	LED
Housing	Aluminium, Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
E-number FI	4278379
Warranty	5 years
Fixture luminous flux (lm)	3800
Luminaire efficacy (lm/W)	106
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	110
Glare control	< 22
Photobiological Risk Group	RG0
Total power consumption (W)	36
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	5410288422312

### DATA TABLE

#### General data

Product name	START Panel 600x600 3800Lm 830 LILO
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Technology	LED
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	4278379
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	3800
Luminaire efficacy (lm/W)	106
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	110
Distribution type	Symmetric
Glare control	< 22
Photobiological Risk Group	RG0

### Electrical data

Total power consumption (W)	36
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
Dimming method	N/A
Drive current (mA)	750
Inrush Current (A)	13.2
Inrush Duration (µs)	240
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	43
Max. Luminaires per 13A C Breaker	57
Max. Luminaires per 16A C Breaker	70
Max. Luminaires per 20A C Breaker	88
Max. Luminaires per 10A B Breaker	25
Max. Luminaires per 13A B Breaker	33
Max. Luminaires per 16A B Breaker	41
Max. Luminaires per 20A B Breaker	20

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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	Diffuse
Diffuser material	Other
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	34
Weight (kg)	1.596

### Packaging

Single packaging type	Carton
Product EAN number	5410288422312
Packaging single length / height (cm)	60.0
Packaging single width (cm)	3.8
Packaging single depth (cm)	64.5
DUN14 (outer)	15410288422319
Units per outer package	1
Packaging outer length / height (cm)	60.0
Packaging outer width (cm)	3.8
Packaging outer depth (cm)	64.5

### Safety data

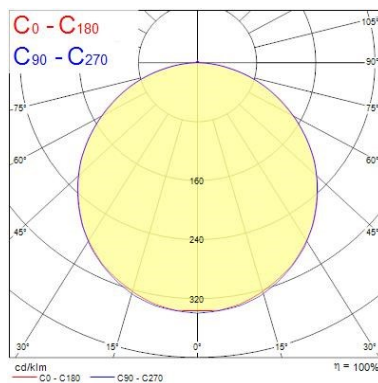
Optimal operating condition (°C)	-10-45
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## PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	1.53 1.55	8073 411	95.9° 408	57.1°
1.0	3.07 3.09	1288 104	95.9° 102	57.1°
1.5	4.60 4.64	564 46	95.9° 45	57.1°
2.0	6.14 6.18	317 26	95.9° 25	57.1°
2.5	7.67 7.73	203 17	95.9° 16	57.1°
3.0	9.20 9.27	141 12	95.9° 11	57.1°

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

— C0 - C180 (Half beam angle: 114.2°)  
— C90 - C270 (Half beam angle: 113.8°)



## TECHNICAL DRAWINGS

## START Panel 600x600

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