

## START Panel IP40 1200x300

START Panel 1200x300 HE 3900Lm 830 LILO

0042878

### Product features

- LED Panel with backlit technology, ideal for general indoor lighting applications such as breakout areas, offices and meeting rooms. Extruded aluminium frame, passive cooling. Low glaring UGR<22. RG0, 110 degree beam angle, optical system: PS diffuser with Opal finish. Light color temperature: 3000K Warm White, total system power: 34W, total fixture output: 3900lm, efficacy: 115 lm/W, Ra80 typical, LED chromacity: 3 step MacAdam ellipse (SDCM3), lifespan: 100,000 hours at 70% of the original output (L70B50), IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, low flicker, non dimmable driver, electrical protection: Class II. Degree of Protection: IP40/IP20, suitable for indoor environment only. Nominal size: 1195x295mm, Loop in / loop out wiring, safety cables included, 25mm nominal height, White color frame, weight: 1,9Kg.



### PRODUCT OVERVIEW

Product name	START Panel 1200x300 HE 3900Lm 830 LILO
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium, Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
E-number FI	4278473
Warranty	5 years
Fixture luminous flux (lm)	3900
Luminaire efficacy (lm/W)	115
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)	34
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	5410288428789

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### DATA TABLE

#### General data

Product name	START Panel 1200x300 HE 3900Lm 830 LILO
Technology	LED (3 SDCM)
Cap/Base	N/A
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	4278473
Warranty	5 years

#### Optical data

Fixture luminous flux (lm)	3900
Luminaire efficacy (lm/W)	115
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)	34
Mains voltage (V)	220-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20.0
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	900
Inrush Current (A)	20
Inrush Duration (µs)	170
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	51
Max. Luminaires per 13A C Breaker	66
Max. Luminaires per 16A C Breaker	81

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Max. Luminaires per 20A C Breaker	102
Max. Luminaires per 10A B Breaker	33
Max. Luminaires per 13A B Breaker	43
Max. Luminaires per 16A B Breaker	54
Max. Luminaires per 20A B Breaker	68

### 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)	1195
Nominal Product Width (mm)	295
Nominal Product Height (mm)	25
Weight (kg)	1.9

### Packaging

Single packaging type	Carton
Product EAN number	5410288428789
Packaging single length / height (cm)	30.0
Packaging single width (cm)	124.5
Packaging single depth (cm)	3.8
DUN14 (outer)	15410288428786
Units per outer package	4
Packaging outer length / height (cm)	125.0
Packaging outer width (cm)	38.0
Packaging outer depth (cm)	17.0

### Safety data

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

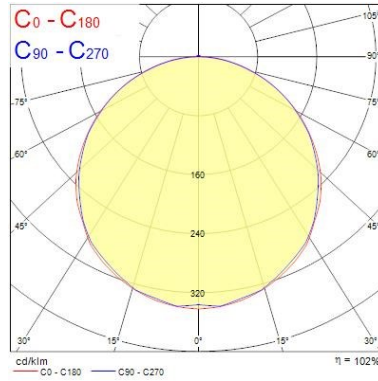
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0.5	1.55 1.56	E(0°) E(C90) E(C0)	5424 429 429
1.0	3.10 3.12	E(0°) E(C90) E(C0)	1356 107 107
1.5	4.66 4.67	E(0°) E(C90) E(C0)	603 48 48
2.0	6.21 6.23	E(0°) E(C90) E(C0)	339 27 27
2.5	7.76 7.79	E(0°) E(C90) E(C0)	217 17 17
3.0	9.31 9.35	E(0°) E(C90) E(C0)	151 12 12

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

— C0 - C180 (Half beam angle: 114.6°)  
— C90 - C270 (Half beam angle: 114.4°)



## TECHNICAL DRAWINGS

