

START eco Panel 1200x300

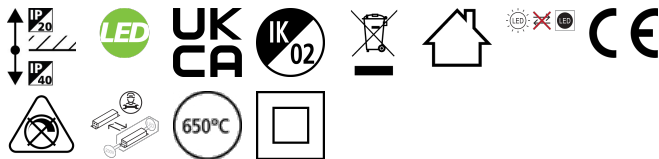
START eco Panel 1200x300 3200Lm 840 LILO

0047072



Product features

- Back lit LED panel, Low Flicker, 36 W, Neutral White, 4000 K, 3200 lumens, 89 lm/W, Average lifespan: 100.000Hrs, electronic non dimmable driver. (HxWxD) 34 x 1195 x 295 mm. Loop in loop out box allows for quick installation.



PRODUCT OVERVIEW

Product name	START eco Panel 1200x300 3200Lm 840 LILO
Technology	LED
Housing	Aluminium, Steel
Mount	Ceiling recessed mounting
Environment	Interior
General application	Education, Office
ETIM Class	EC002892
Warranty	3 years
Fixture luminous flux (lm)	3200
Luminaire efficacy (lm/W)	89
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	112
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
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK02
Product EAN number	5410288470726
Dimming method	N/A

DATA TABLE

General data

Product name	START eco Panel 1200x300 3200Lm 840 LILO
Technology	LED
Housing	Aluminium, Steel

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Mount	Ceiling recessed mounting
Environment	Interior
General application	Education, Office
Operating temperature range (°C)	-10°C - 45°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	3 years

Optical data

Fixture luminous flux (lm)	3200
Luminaire efficacy (lm/W)	89
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM6
Beam Angle (°)	112
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	0.95
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)	750
Inrush Current (A)	14.6
Inrush Duration (µs)	200
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	45
Max. Luminaires per 13A C Breaker	60
Max. Luminaires per 16A C Breaker	74
Max. Luminaires per 20A C Breaker	93

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	71000

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP40/20

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IK rating	IK02
Diffuser material	Other
Nominal Product Length (mm)	1200
Nominal Product Width (mm)	300
Nominal Product Height (mm)	34
Weight (kg)	1.62

Packaging

Single packaging type	Carton
Product EAN number	5410288470726
Packaging single length / height (cm)	121.1
Packaging single width (cm)	3.8
Packaging single depth (cm)	33.8
DUN14 (outer)	05410288470726
Units per outer package	4
Packaging outer length / height (cm)	125.0
Packaging outer width (cm)	17.5
Packaging outer depth (cm)	39.0

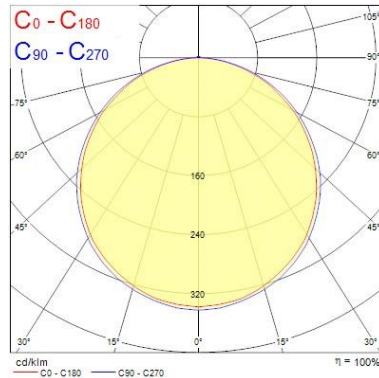
Safety data

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	1.56 1.50	4432	87.3° 354	86.3° 379	
1.0	3.12 3.00	1108	87.3° 89	86.3° 95	
1.5	4.67 4.50	482	87.3° 39	86.3° 42	
2.0	6.23 6.00	277	87.3° 23	86.3° 24	
2.5	7.79 7.50	177	87.3° 14	86.3° 15	
3.0	9.35 9.00	123	87.3° 10	86.3° 11	

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 112.6°)
 — C90 - C270 (Half beam angle: 114.6°)



TECHNICAL DRAWINGS

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