

## START eco Panel 1200x300

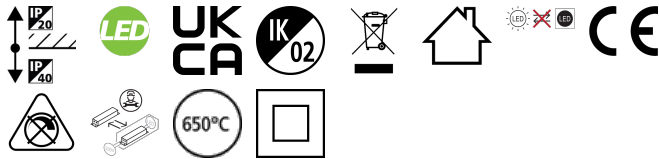
START eco Panel 1200x300 3200Lm 840 LILO

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### 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

## DATA TABLE

### General data

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

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Environment	Interior
General application	Education, Office
Operating temperature range (°C)	-10°C - 45°C
Performance ambient temperature T <sub>q</sub> (°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
IK rating	IK02

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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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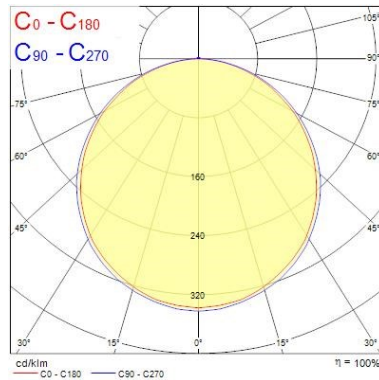
## PHOTOMETRY

Distance [m]	Cone diameter [m]	E(l) <sup>(°)</sup>	E(l)C90	E(l)C0	4432
0.5	1.56 1.50	87.3°	354	379	1108
1.0	3.12 3.00	87.3°	89	95	492
1.5	4.67 4.50	87.3°	39	42	277
2.0	6.23 6.00	87.3°	23	24	177
2.5	7.79 7.50	87.3°	14	15	123
3.0	9.35 9.00	87.3°	10	11	

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

— C0 - C180 (Half beam angle: 112.6°)

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



## TECHNICAL DRAWINGS

## START eco Panel 1200x300

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