

## START Panel Flat 1200x600

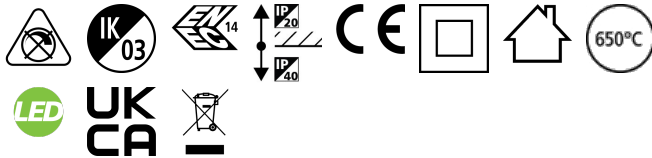
START Panel Flat 1200x600 6100Lm 840

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### Product features

- Edge lit LED flat panel. Low Flicker, 55 W, Neutral White, 4000 K, 6100 lumens, 111 lm/W, Average lifespan: 120.000Hrs, PMMA opal diffuser, aluminium frame, steel body, electronic non dimmable driver. (HxWxD) 10.8 x 1195 x 595 mm



## PRODUCT OVERVIEW

Product name	START Panel Flat 1200x600 6100Lm 840
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting, Ceiling surface mounting, Suspended
Environment	Interior
General application	Education, Office
ETIM Class	EC002892
E-number FI	4276944
Warranty	5 years
Fixture luminous flux (lm)	6,100
Luminaire efficacy (lm/W)	111
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	120
Photobiological Risk Group	RG0
Total power consumption (W)	55
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	IK03
Product EAN number	5410288472232

## DATA TABLE

### General data

Product name	START Panel Flat 1200x600 6100Lm 840
Technology	LED
Housing	Aluminium
Mount	Ceiling recessed mounting, Ceiling surface mounting, Suspended

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Environment	Interior
General application	Education, Office
Operating temperature range (°C)	-20°C - 40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4276944
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	6,100
Luminaire efficacy (lm/W)	111
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	120
Distribution type	Symmetric
Photobiological Risk Group	RG0

### Electrical data

Total power consumption (W)	55
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
Drive current (mA)	1400
Inrush Current (A)	20
Inrush Duration (µs)	100
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	40
Max. Luminaires per 13A C Breaker	50
Max. Luminaires per 16A C Breaker	60
Max. Luminaires per 20A C Breaker	80

### Lifetime data

Lifespan L70 B50	120000
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### Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK03
Nominal Product Length (mm)	1195

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Nominal Product Width (mm)	595
Nominal Product Height (mm)	10.8
Weight (kg)	5.655
Recessed Depth (mm)	39

### Packaging

Single packaging type	Carton
Product EAN number	5410288472232
Packaging single length / height (cm)	63.0
Packaging single width (cm)	4.4
Packaging single depth (cm)	127.5
DUN14 (outer)	15410288472239
Units per outer package	2
Packaging outer length / height (cm)	129.5
Packaging outer width (cm)	10.8
Packaging outer depth (cm)	65.0

### Safety data

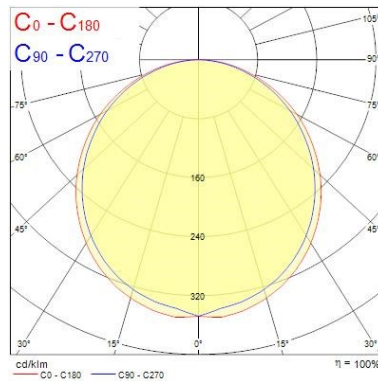
Optimal operating condition (°C)	-20-40
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## PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)
0.5	1.40 1.51	8509	834	723
1.0	2.80 3.02	2127	209	181
1.5	4.21 4.53	945	90	82
2.0	5.61 6.04	532	52	48
2.5	7.01 7.55	340	33	29
3.0	8.41 9.07	238	23	20

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

— C0 - C180 (Half beam angle: 113.0°)  
— C90 - C270 (Half beam angle: 109.0°)



## TECHNICAL DRAWINGS

