

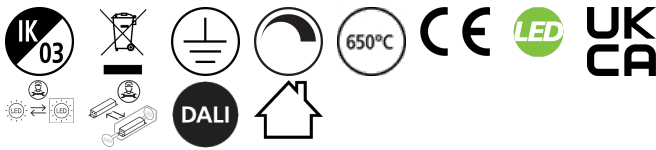
## START Panel IP54 600x600

START PANEL IP54 600 4500LM 830 DALI  
0047782



### Product features

- START Panel IP54 is a range of recessed integrated LED panels for general indoor lighting applications such as breakout areas, offices and meeting rooms. Max. drive current: 165mA; Max. power: 36W; Average lifespan: 100.000Hrs; 3000K; CRI 80; Efficacy up to: 136Lm/W; Fixture lumen up to: 4900lm; IK03; IP54 (from the front); Class II; DALI dimmable.



### PRODUCT OVERVIEW

Product name	START PANEL IP54 600 4500LM 830 DALI
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
E-number FI	4274190
Warranty	5 years
Fixture luminous flux (lm)	4500
Luminaire efficacy (lm/W)	120
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	107
Glare control	< 25
Photobiological Risk Group	RG0
Total power consumption (W)	36
Electrical protection	Class I
Control gear type	LED driver constant current
Dimmable	Yes
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP54/20
IK rating	IK03
Product EAN number	5410288477824
Dimming method	DALI

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### DATA TABLE

#### General data

Product name	START PANEL IP54 600 4500LM 830 DALI
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
General application	Education, Office
Operating temperature range (°C)	-10°C - 40°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number FI	4274190
Warranty	5 years

#### Optical data

Fixture luminous flux (lm)	4500
Luminaire efficacy (lm/W)	120
Colour temperature (K)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	107
Distribution type	Symmetric
Glare control	< 25
Photobiological Risk Group	RG0

#### Electrical data

Total power consumption (W)	36
Mains voltage (V)	220-240V
Lamp power factor	0.96
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	16.0
Electrical protection	Class I
Control gear required	No
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>100000
Transformer required	No
Dimmable	Yes
Minimum dimming level (%)	1
Drive current (mA)	150
Inrush Current (A)	25
Inrush Duration (µs)	177
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)

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Max. Luminaires per 10A C Breaker	38
Max. Luminaires per 13A C Breaker	48
Max. Luminaires per 16A C Breaker	60
Max. Luminaires per 20A C Breaker	75
Max. Luminaires per 16A B Breaker	21

### Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	71000

### Physical data

Housing colour	RAL 9016 - Traffic white / Bezel
IP rating	IP54/20
IK rating	IK03
Diffuser finish	Opal
Diffuser material	PC Polycarbonate
Nominal Product Length (mm)	596
Nominal Product Width (mm)	596
Nominal Product Height (mm)	63
Weight (kg)	2.89

### Packaging

Single packaging type	Carton
Product EAN number	5410288477824
Packaging single length / height (cm)	61.5
Packaging single width (cm)	61.0
Packaging single depth (cm)	7.5
DUN14 (outer)	05410288477824
Units per outer package	20
Packaging outer length / height (cm)	125.0
Packaging outer width (cm)	81.0
Packaging outer depth (cm)	63.0

### Safety data

Optimal operating condition (°C)	-10-40
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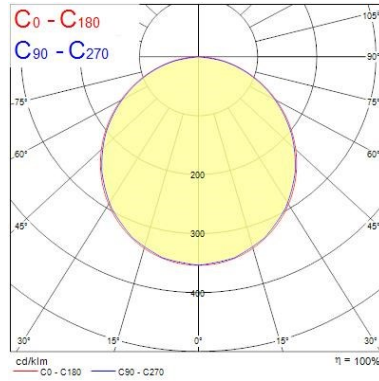
## PHOTOMETRY

## START Panel IP54 600x600 START PANEL IP54 600 4500LM 830 DALI 0047782

0.5	1.44 1.48	E(0°) E(C90) E(C0)	6507 601 678
1.0	2.99 2.99	E(0°) E(C90) E(C0)	1627 190 144
1.5	4.33 4.43	E(0°) E(C90) E(C0)	723 67 64
2.0	5.78 5.91	E(0°) E(C90) E(C0)	407 38 36
2.5	7.22 7.38	E(0°) E(C90) E(C0)	260 24 23
3.0	8.67 8.86	E(0°) E(C90) E(C0)	181 17 16

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

— C0 - C180 (Half beam angle: 111.8°)  
— C90 - C270 (Half beam angle: 110.6°)



### TECHNICAL DRAWINGS

