

START Panel Flat 600x600

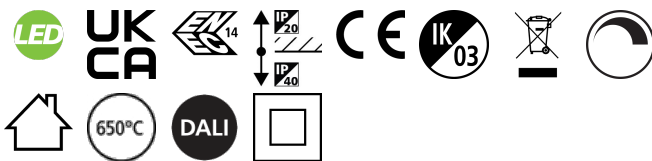
START Panel Flat 600x600 HE DALI 4500Lm 840

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Product features

- Edge lit LED flat panel. Low Flicker, 35 W, Neutral White, 4000 K, 4500 lumens, high efficacy, 129 lm/W, Average lifespan: 120.000Hrs, PMMA opal diffuser, aluminium frame, steel body, push-dim DALI driver of TRIDONIC (LCA 45W 500-1400mA one4all SR PRE 28000672). (HxWxD) 9.5 x 595 x 595 mm



PRODUCT OVERVIEW

Product name	START Panel Flat 600x600 HE DALI 4500Lm 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	4276940
Warranty	5 years
Fixture luminous flux (lm)	4,500
Luminaire efficacy (lm/W)	129
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)	35
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK03
Product EAN number	5410288472195

DATA TABLE

General data

Product name	START Panel Flat 600x600 HE DALI 4500Lm 840
Technology	LED

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Housing	Aluminium
Mount	Ceiling recessed mounting, Ceiling surface mounting, Suspended
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	4276940
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4,500
Luminaire efficacy (lm/W)	129
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)	35
Mains voltage (V)	220-240V
Lamp power factor	0.96
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	5
Electrical protection	Class II
Control gear type	Electronic ballast
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	880
Inrush Current (A)	28
Inrush Duration (µs)	195
Glow Wire Test (°C)	650
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. Luminaires per 10A C Breaker	21
Max. Luminaires per 13A C Breaker	30
Max. Luminaires per 16A C Breaker	36
Max. Luminaires per 20A C Breaker	46
Max. Luminaires per 10A B Breaker	13
Max. Luminaires per 13A B Breaker	18
Max. Luminaires per 16A B Breaker	22
Max. Luminaires per 20A B Breaker	28

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)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	9.5
Weight (kg)	2.572
Recessed Depth (mm)	38

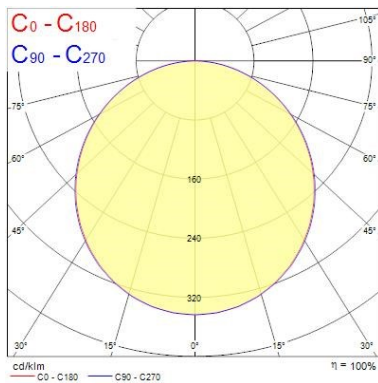
Packaging

Single packaging type	Carton
Product EAN number	5410288472195
Packaging single length / height (cm)	69.8
Packaging single width (cm)	4.3
Packaging single depth (cm)	63.0
DUN14 (outer)	15410288472192
Units per outer package	2
Packaging outer length / height (cm)	72.7
Packaging outer width (cm)	10.6
Packaging outer depth (cm)	65.1

Safety data

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



Distance [m]	Cone diameter [m]	E ₀ [lx]	E ₁₀ [lx]	E ₃₀ [lx]
0.5	1.52 1.50	6134	517	529
1.0	3.03 3.00	1548	133	132
1.5	4.55 4.50	667	67	66
2.0	6.07 6.00	307	32	33
2.5	7.58 7.50	247	21	21
3.0	9.10 9.00	172	14	15

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 112.6°)
 — C90 - C270 (Half beam angle: 113.2°)

TECHNICAL DRAWINGS

START Panel Flat 600x600

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