

START Panel Flat UGR19 600x600

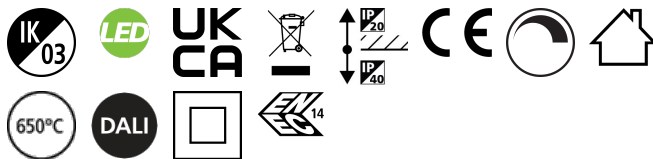
START Panel Flat UGR19 600x600 DALI 4000Lm 840

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Product features

- Edge lit LED flat panel with low glare (UGR<19). Low Flicker, 40 W, Neutral White, 4000 K, 4000 lumens, 100 lm/W, Average lifespan: 120.000Hrs, prismatic 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 UGR19 600x600 DALI 4000Lm 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	4278061
Warranty	5 years
Fixture luminous flux (lm)	4000
Luminaire efficacy (lm/W)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	90
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	40
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	5410288472041

DATA TABLE

General data

Product name	START Panel Flat UGR19 600x600 DALI 4000Lm 840
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Technology	LED
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	4278061
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4000
Luminaire efficacy (lm/W)	100
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM5
Beam Angle (°)	90
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	40
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)	980
Inrush Current (A)	28
Inrush Duration (µs)	195
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	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

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Max. Luminaires per 20A B Breaker 28

Lifetime data

Lifespan L70 B50 120000

Physical data

Housing colour RAL 9003 - Signal white
IP rating IP40/20
IK rating IK03
Diffuser finish Prismatic
Nominal Product Length (mm) 595
Nominal Product Width (mm) 595
Nominal Product Height (mm) 9.5
Weight (kg) 2.56
Recessed Depth (mm) 38

Packaging

Single packaging type Carton
Product EAN number 5410288472041
Packaging single length / height (cm) 69.8
Packaging single width (cm) 4.3
Packaging single depth (cm) 63.0
DUN14 (outer) 15410288472048
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

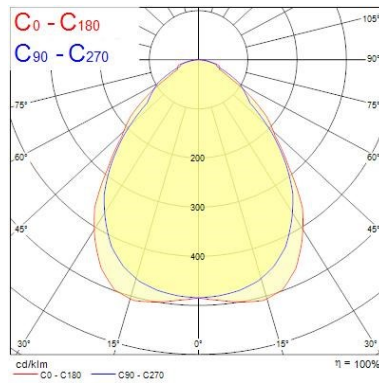
Optimal operating condition (°C) -20-40

PHOTOMETRY

0.5	0.92 0.91	E(0°) 7876 E(C90) 1691 E(C0) 1662
1.0	1.83 1.83	E(0°) 1969 E(C90) 42.5° 395 E(C0) 42.4° 415
1.5	2.75 2.74	E(0°) 375 E(C90) 42.5° 178 E(C0) 42.4° 185
2.0	3.67 3.65	E(0°) 492 E(C90) 42.5° 99 E(C0) 42.4° 104
2.5	4.58 4.57	E(0°) 315 E(C90) 42.5° 63 E(C0) 42.4° 66
3.0	5.50 5.48	E(0°) 219 E(C90) 42.5° 44 E(C0) 42.4° 46

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

— C0 - C180 (Half beam angle: 84.8°)
— C90 - C270 (Half beam angle: 85.0°)



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TECHNICAL DRAWINGS

