

START Panel IP40 UGR19 625x625

START Panel UGR19 625x625 DALI 4000Lm 840

0042867



Product features

- LED Panel with backlit technology, ideal for general indoor lighting applications such as breakout areas, offices and meeting rooms. Extruded aluminium frame, passive cooling. Low glaring UGR<19. RG0, 90 degree beam angle, optical system: PS diffuser with Opal finish. Light color temperature: 4000K Neutral White, total system power: 36W, total fixture output: 4000lm, efficacy: 111 lm/W, Ra80 typical, LED chromacity: 3 step MacAdam ellipse (SDCM3), lifespan: 100,000 hours at 70% of the original output (L70B50), IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, low flicker, DALI dimmable driver, electrical protection: Class II. Degree of Protection: IP40/IP20, suitable for indoor environment only. Nominal size: 620x620mm, safety cables included, 25mm nominal height, White color frame, weight: 1,8Kg.



PRODUCT OVERVIEW

Product name	START Panel UGR19 625x625 DALI 4000Lm 840
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium, Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
Warranty	5 years
Fixture luminous flux (lm)	4000
Luminaire efficacy (lm/W)	111
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	36
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK03
Product EAN number	5410288428673

DATA TABLE

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General data

Product name	START Panel UGR19 625x625 DALI 4000Lm 840
Technology	LED (3 SDCM)
Cap/Base	N/A
Housing	Aluminium, Steel
Mount	Ceiling recessed mounting
General application	Education, Office
Operating temperature range (°C)	-10°C...+45°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4000
Luminaire efficacy (lm/W)	111
Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	90
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Electrical data

Total power consumption (W)	36
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20.0
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	680
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. products per 10A C Breaker	51
Max. products per 13A C Breaker	66
Max. products per 16A C Breaker	81
Max. products per 20A C Breaker	102
Max. products per 10A B Breaker	33
Max. products per 13A B Breaker	43
Max. products per 16A B Breaker	54

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Max. products per 20A B Breaker	68
Connectable conductor cross section - Max (mm ²)	1.5

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	71000

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK03
Diffuser finish	Diffuse
Diffuser material	Other
Nominal Product Length (mm)	620
Nominal Product Width (mm)	620
Nominal Product Height (mm)	25
Weight (kg)	1.77

Packaging

Product EAN number	5410288428673
Packaging single length / height (cm)	62.5
Packaging single width (cm)	67.5
Packaging single depth (cm)	3.8
DUN14 (outer)	15410288428670
Units per outer package	4
Packaging outer length / height (cm)	72.0
Packaging outer width (cm)	67.0
Packaging outer depth (cm)	17.0

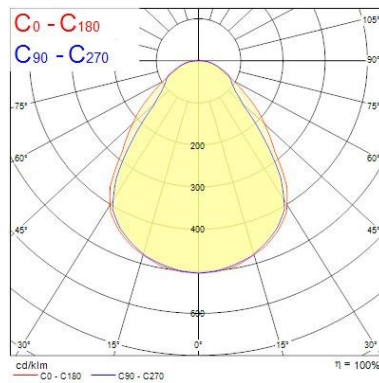
Safety data

Optimal operating condition (°C)	-10-45
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PHOTOMETRY

Distance [m]	Cone diameter [m]	E(0°)	E(C90)	E(C0)	Illuminance [lx]
0.5	0.82 0.92	8194	39.4° 1894	42.8° 1641	
1.0	1.64 1.84	2048	39.4° 473	42.8° 410	
1.5	2.46 2.76	910	39.4° 210	42.8° 182	
2.0	3.29 3.68	512	39.4° 118	42.8° 102	
2.5	4.11 4.60	328	39.4° 76	42.8° 66	
3.0	4.93 5.52	228	39.4° 53	42.8° 46	

Distance [m] Cone diameter [m] Illuminance [lx]
 --- C0 - C180 (Half beam angle: 95.2°)
 --- C90 - C270 (Half beam angle: 78.8°)



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TECHNICAL DRAWINGS

