

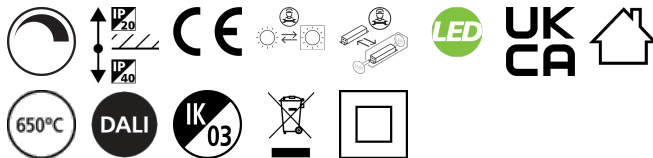
## START Panel IP40 UGR19 600x600

START Panel UGR19 600x600 DALI 4000Lm 840  
0042852



### 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 Prismatic 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: 595x595mm, safety cables included, 25mm nominal height, White color frame, weight: 1,6Kg.



### PRODUCT OVERVIEW

Product name	START Panel UGR19 600x600 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
E-number FI	4278465
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	5410288428529

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### DATA TABLE

#### General data

<b>Product name</b>	START Panel UGR19 600x600 DALI 4000Lm 840
<b>Technology</b>	LED (3 SDCM)
<b>Cap/Base</b>	N/A
<b>Housing</b>	Aluminium, Steel
<b>Mount</b>	Ceiling recessed mounting
<b>General application</b>	Education, Office
<b>Operating temperature range (°C)</b>	-10°C...+45°C
<b>Performance ambient temperature Tq (°C)</b>	25
<b>ETIM Class</b>	EC002892
<b>E-number FI</b>	4278465
<b>Warranty</b>	5 years

#### Optical data

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

#### Electrical data

<b>Total power consumption (W)</b>	36
<b>Mains voltage (V)</b>	220-240V
<b>Lamp power factor</b>	0.9
<b>THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %</b>	20.0
<b>Electrical protection</b>	Class II
<b>Control gear type</b>	LED driver constant current
<b>Dimmable</b>	Yes
<b>Dimming method</b>	DALI
<b>Drive current (mA)</b>	680
<b>Glow Wire Test (°C)</b>	650
<b>Energy Efficiency Class (A-&gt;G) of contained light source</b>	D
<b>Nominal Frequency (Hz)</b>	50/60Hz
<b>LED Flickering Rate</b>	Ultra low (5% or less)
<b>Max. Luminaires per 10A C Breaker</b>	51
<b>Max. Luminaires per 13A C Breaker</b>	66
<b>Max. Luminaires per 16A C Breaker</b>	81
<b>Max. Luminaires per 20A C Breaker</b>	102
<b>Max. Luminaires per 10A B Breaker</b>	33

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Max. Luminaires per 13A B Breaker	43
Max. Luminaires per 16A B Breaker	54
Max. Luminaires per 20A B Breaker	68

### 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)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	25
Weight (kg)	1.6

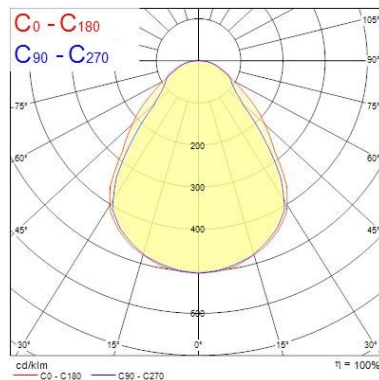
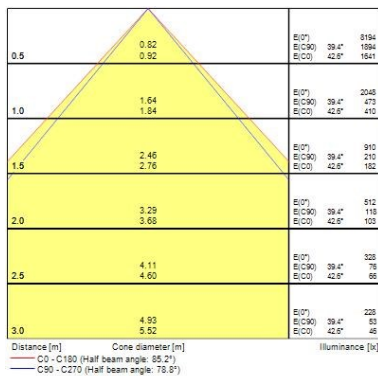
### Packaging

Single packaging type	Carton
Product EAN number	5410288428529
Packaging single length / height (cm)	60.0
Packaging single width (cm)	65.0
Packaging single depth (cm)	3.8
DUN14 (outer)	15410288428526
Units per outer package	1
Packaging outer length / height (cm)	69.0
Packaging outer width (cm)	65.0
Packaging outer depth (cm)	17.0

### Safety data

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



## START Panel IP40 UGR19 600x600

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### TECHNICAL DRAWINGS

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