

## START Panel UGR19 1200x600

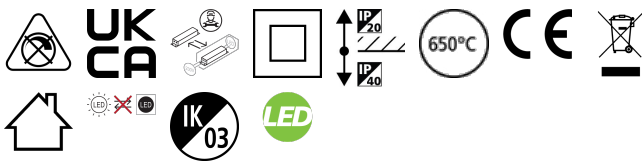
START Panel UGR19 1200x600 5900Lm 840 LILO

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### Product features

- START Panel is a range of backlit LED panels used in recessed ceilings. Ideal for general indoor applications such as corridors, breakrooms, offices and meeting rooms. Luminaire dimensions are compatible with common ceiling installation, and the shallow design makes it easy to install in low ceilings. 5900Lm; 58W; 102Lm/W; Drive current: 1250mA; Average lifespan: 100.000Hrs; 4000K; CRI 80; Glare control <19; IK03; IP40 (from the front); SDCM<3; Class II; Loop in loop out connector for quick installation.



### PRODUCT OVERVIEW

Product name	START Panel UGR19 1200x600 5900Lm 840 LILO
Technology	LED
Housing	Aluminium, Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
E-number FI	4278396
Warranty	5 years
Fixture luminous flux (lm)	5900
Luminaire efficacy (lm/W)	102
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)	58
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK03
Product EAN number	5410288422022

### DATA TABLE

#### General data

Product name	START Panel UGR19 1200x600 5900Lm 840 LILO
Technology	LED
Housing	Aluminium, Steel

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<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>	4278396
<b>Warranty</b>	5 years

### Optical data

<b>Fixture luminous flux (lm)</b>	5900
<b>Luminaire efficacy (lm/W)</b>	102
<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>	58
<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
<b>Electrical protection</b>	Class II
<b>Control gear type</b>	LED driver constant current
<b>Dimmable</b>	No
<b>Drive current (mA)</b>	1250
<b>Inrush Current (A)</b>	17.1
<b>Inrush Duration (µs)</b>	276
<b>Glow Wire Test (°C)</b>	650
<b>Energy Efficiency Class (A-&gt;G) of contained light source</b>	E
<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>	32
<b>Max. Luminaires per 13A C Breaker</b>	43
<b>Max. Luminaires per 16A C Breaker</b>	53
<b>Max. Luminaires per 20A C Breaker</b>	67
<b>Max. Luminaires per 10A B Breaker</b>	18
<b>Max. Luminaires per 13A B Breaker</b>	25
<b>Max. Luminaires per 16A B Breaker</b>	31
<b>Max. Luminaires per 20A B Breaker</b>	39

### Lifetime data

<b>Lifespan L70 B50</b>	100000
<b>Lifespan L80 B20</b>	71000

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### Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK03
Diffuser finish	Prismatic
Diffuser material	Other
Nominal Product Length (mm)	1195
Nominal Product Width (mm)	595
Nominal Product Height (mm)	35
Weight (kg)	9.1

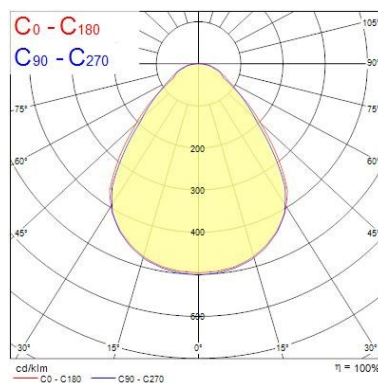
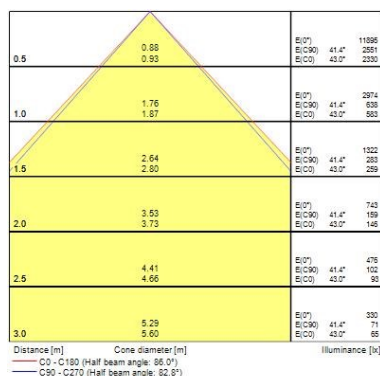
### Packaging

Single packaging type	Carton
Product EAN number	5410288422022
Packaging single length / height (cm)	60.0
Packaging single width (cm)	124.5
Packaging single depth (cm)	3.8
DUN14 (outer)	15410288422029
Units per outer package	16
Packaging outer length / height (cm)	132.0
Packaging outer width (cm)	70.0
Packaging outer depth (cm)	65.0

### Safety data

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



## TECHNICAL DRAWINGS

## START Panel UGR19 1200x600

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