

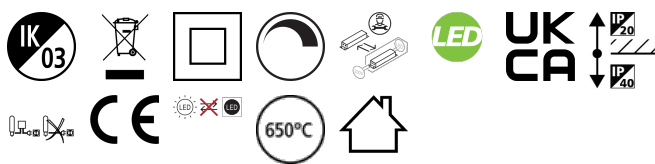
START Panel UGR19 600x600 SylSmart StandAlone

START Panel UGR19 600x600 4000Lm 840 SSC
0042507



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. 4000Lm; 36W; 111Lm/W; Drive current: 750mA; 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. Not compatible with surface mounting frames. SylSmart Standalone (SSC) enabled.



PRODUCT OVERVIEW

Product name	START Panel UGR19 600x600 4000Lm 840 SSC
Technology	LED
Housing	Aluminium, Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
E-number FI	4278372
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	SylSmart SSC
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	5410288425078

DATA TABLE

General data

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Product name	START Panel UGR19 600x600 4000Lm 840 SSC
Technology	LED
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
E-number FI	4278372
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
Mains voltage (V)	220-240V
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	5
Electrical protection	Class II
Control gear required	Yes
Control gear type	LED driver constant current
Transformer required	No
Dimmable	Yes
Dimming method	SylSmart SSC
Minimum dimming level (%)	1
Drive current (mA)	750
Inrush Current (A)	23
Inrush Duration (µs)	200
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	23
Max. Luminaires per 13A C Breaker	31
Max. Luminaires per 16A C Breaker	38
Max. Luminaires per 20A C Breaker	48
Max. Luminaires per 10A B Breaker	14
Max. Luminaires per 13A B Breaker	19

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Max. Luminaires per 16A B Breaker	23
Max. Luminaires per 20A B Breaker	29

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	Prismatic
Diffuser material	Other
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	35
Weight (kg)	2.044

Packaging

Single packaging type	Carton
Product EAN number	5410288425078
Packaging single length / height (cm)	60.0
Packaging single width (cm)	68.5
Packaging single depth (cm)	3.8
DUN14 (outer)	15410288425075
Units per outer package	4
Packaging outer length / height (cm)	62.6
Packaging outer width (cm)	70.5
Packaging outer depth (cm)	17.5

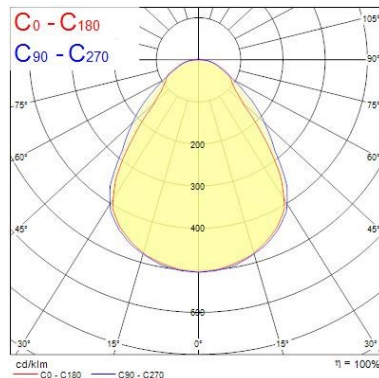
Safety data

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

Distance [m]	Cone diameter [m]	illuminance [lx]
0.5	0.92 0.82	E(0°) 8195 E(C90) 1641 E(C0) 1894
1.0	1.84 1.64	E(0°) 2049 E(C90) 410 E(C0) 474
1.5	2.76 2.46	E(0°) 911 E(C90) 182 E(C0) 210
2.0	3.68 3.29	E(0°) 512 E(C90) 103 E(C0) 119
2.5	4.60 4.11	E(0°) 328 E(C90) 66 E(C0) 76
3.0	5.52 4.93	E(0°) 228 E(C90) 46 E(C0) 53

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



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TECHNICAL DRAWINGS

