

START Panel IP44 UGR19 600x600

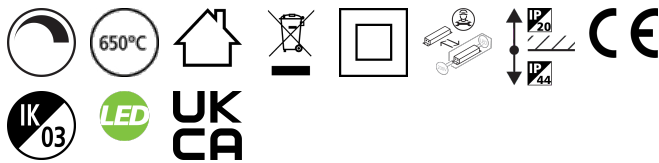
ST Panel UGR19 600x600 HE IP44 SSC 4300 840 TPA

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Product features

- START Panel IP44 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. Nominal size 600x600mm, 4300Lm; 34W; 126Lm/W; Average lifespan: 100.000Hrs; 4000K; CRI 80; Glare control <19; IK03; IP44 (from the front); SDCM<3; Class II; Loop in loop out connector for quick installation. Tp(a) rated diffuser. SylSmart Standalone (SSC) enabled. Not compatible with surface mounting frames.



PRODUCT OVERVIEW

Product name	ST Panel UGR19 600x600 HE IP44 SSC 4300 840 TPA
Technology	LED
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)	4300
Luminaire efficacy (lm/W)	126
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)	34
Electrical protection	Class II
Control gear type	Other
Dimmable	Yes
LED Flickering Rate	Ultra low (5% or less)
Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
IK rating	IK03
Product EAN number	5410288426792
Dimming method	SylSmart SSC

DATA TABLE

General data

Product name	ST Panel UGR19 600x600 HE IP44 SSC 4300 840 TPA
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Technology	LED
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)	4300
Luminaire efficacy (lm/W)	126
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)	34
Mains voltage (V)	220-240V
Lamp power factor	0.98
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	5
Electrical protection	Class II
Control gear required	No
Control gear type	Other
Transformer required	No
Dimmable	Yes
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	C
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
Max. Luminaires per 16A B Breaker	23
Max. Luminaires per 20A B Breaker	29

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Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	71000

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP44/20
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)	1.8

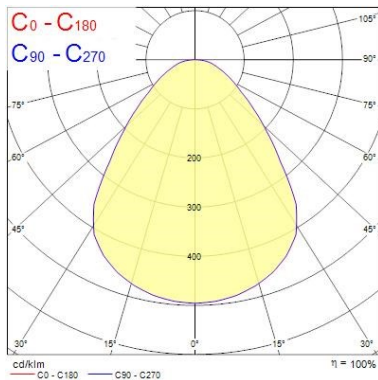
Packaging

Single packaging type	Carton
Product EAN number	5410288426792
Packaging single length / height (cm)	60.0
Packaging single width (cm)	64.5
Packaging single depth (cm)	3.8
DUN14 (outer)	15410288426799
Units per outer package	52
Packaging outer length / height (cm)	131.5
Packaging outer width (cm)	71.5
Packaging outer depth (cm)	108.0

Safety data

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



Distance [m]	Cone diameter [m]	E _v (0°) E _v (C0)	41.7°	8537 1775
0.5	0.89	E _v (0°) E _v (C0)	41.7°	2132 454
1.0	1.78	E _v (0°) E _v (C0)	41.7°	947 197
1.5	2.67	E _v (0°) E _v (C0)	41.7°	535 111
2.0	3.56	E _v (0°) E _v (C0)	41.7°	341 71
2.5	4.45	E _v (0°) E _v (C0)	41.7°	237 48
3.0	5.35	E _v (0°) E _v (C0)	41.7°	

Distance [m] Cone diameter [m] Illuminance [lx]
C0 - C180 (Half beam angle: 83.4°)

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TECHNICAL DRAWINGS

