

### 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; DALI dimmable.

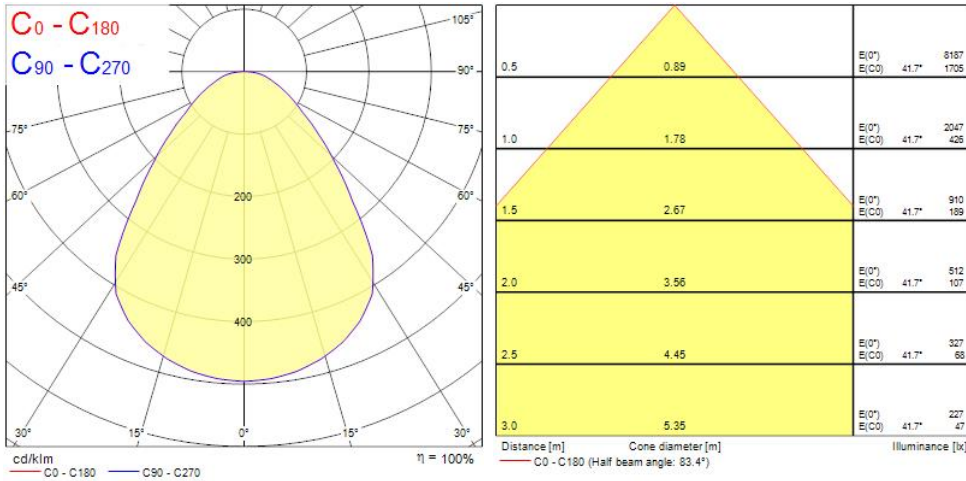
### Product Overview

Product name	ST Panel UGR19 600x600 HE IP44 DALI 4300 840
Technology	LED
Cap/Base	N/A
Housing	Aluminium, Steel
Mount	Ceiling recessed mounting
General application	Education, Office
ETIM Class	EC002892
E-number FI	4278345
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)	3
Beam Angle (°)	90
Glare control	< 19
Photobiological Risk Group	RG0
Total power consumption (W)	34
Electrical protection	Class II

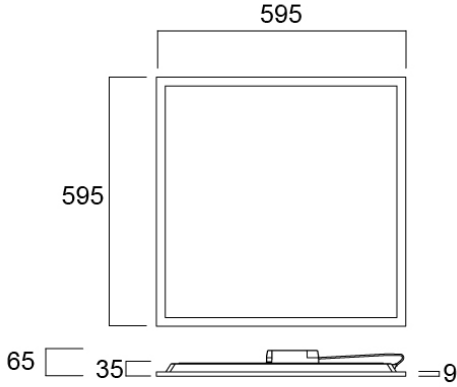
## ST Panel UGR19 600x600 HE IP44 DALI 4300 840 0042639

Control gear type	LED driver constant current
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	5410288426396
Warranty	5 years
Dimming method	DALI

### Photometry



### Technical drawings



### Data table

#### GENERAL DATA

Product name	ST Panel UGR19 600x600 HE IP44 DALI 4300 840
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
E-number FI	4278345
Warranty	5 years

#### OPTICAL DATA

Fixture luminous flux (lm)	4300
Luminaire efficacy (lm/W)	126

## ST Panel UGR19 600x600 HE IP44 DALI 4300 840 0042639

Colour temperature (K)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	3
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	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) $\leq$ xx.x %	20.0
Electrical protection	Class II
Control gear required	Yes
Control gear type	LED driver constant current
Transformer required	No
Dimmable	Yes
Dimming method	DALI
Drive current (mA)	750
Inrush Current (A)	13.2
Inrush Duration ( $\mu$ s)	240
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	43
Max. Luminaires per 13A C Breaker	57
Max. Luminaires per 16A C Breaker	70
Max. Luminaires per 20A C Breaker	88
Max. Luminaires per 10A B Breaker	25
Max. Luminaires per 13A B Breaker	33

## ST Panel UGR19 600x600 HE IP44 DALI 4300 840 0042639

Max. Luminaires per 16A B Breaker	41
Max. Luminaires per 20A B Breaker	52

### 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	5410288426396
Packaging single length / height (cm)	60.0
Packaging single width (cm)	68.5
Packaging single depth (cm)	3.8
DUN14 (outer)	15410288426393
Units per outer package	4
Packaging outer length / height (cm)	70.0
Packaging outer width (cm)	62.0
Packaging outer depth (cm)	17.0

### SAFETY DATA

Optimal operating condition (°C)	-10-45
Special purpose lamp	No

ST Panel UGR19 600x600 HE IP44 DALI 4300 840  
**0042639**

---

Dry applications use only	No
---------------------------	----

Suitable for household illumination	No
-------------------------------------	----