

## START Panel IP40 UGR19 600x600

START Panel UGR19 600x600 4600Lm 830 LILO  
0042830



### Caratteristiche prodotto

- 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: 3000K Warm White, total system power: 43W, total fixture output: 4600lm, efficacy: 107 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, non dimmable driver, electrical protection: Class II. Degree of Protection: IP40/IP20, suitable for indoor environment only. Nominal size: 595x595mm, Loop in / loop out wiring, safety cables included, 25mm nominal height, White color frame, weight: 1,6Kg.



### PANORAMICA DEL PRODOTTO

Nome prodotto	START Panel UGR19 600x600 4600Lm 830 LILO
Tecnologia	LED (3 SDCM)
Cap/Base	N/A
Housing	Alluminio, Acciaio
Montaggio	Ceiling recessed mounting
General application	Istruzione, Uffici
ETIM Class	EC002892
E-number Finlandia	4278460
Garanzia	5 years
Fixture luminous flux (lm)	4600
Luminaire efficacy (lm/W)	107
Temperatura di colore (K)	3000
Colore della luce	Bianco Caldo
CRI (Ra)	80
Consistenza colore (SDCM)	SDCM3
Beam Angle (°)	90
Glare control	< 19
Gruppo di rischio fotobiologico	RG0
Potenza totale (W)	43
Electrical protection	Classe II
Tipologia reattore	LED driver constant current
Dimmable	No
LED Flickering Rate	Ultra low (5% or less)
Colore corpo lampada	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK03
Product EAN number	5410288428307
Dimming method	N/A

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### TABELLA DATI

#### Dati generali

Nome prodotto	START Panel UGR19 600x600 4600Lm 830 LILO
Tecnologia	LED (3 SDCM)
Cap/Base	N/A
Housing	Alluminio, Acciaio
Montaggio	Ceiling recessed mounting
General application	Istruzione, Uffici
Operating temperature range (°C)	-10°C...+45°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
E-number Finlandia	4278460
Garanzia	5 years

#### Dati ottici

Fixture luminous flux (lm)	4600
Luminaire efficacy (lm/W)	107
Temperatura di colore (K)	3000
Colore della luce	Bianco Caldo
CRI (Ra)	80
Consistenza colore (SDCM)	SDCM3
Beam Angle (°)	90
Distribution type	Simmetrico
Glare control	< 19
Gruppo di rischio fotobiologico	RG0

#### Dati elettrici

Potenza totale (W)	43
Tensione di rete (V)	220-240V
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	20.0
Electrical protection	Classe II
Control gear required	Si
Tipologia reattore	LED driver constant current
No. Of switching cycles before premature failures	>25000
Transformer required	No
Dimmable	No
Drive current (mA)	800
Corrente di spunto (A)	22
Durata picco di corrente (µs)	170
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)

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Quantità max. apparecchi per interruttore 10A tipo C 43

Max. Luminaires per 13A C Breaker 57

Quantità max. apparecchi per interruttore 16A tipo C 70

Max. Luminaires per 20A C Breaker 88

Max. Luminaires per 10A B Breaker 25

Max. Luminaires per 13A B Breaker 33

Max. Luminaires per 16A B Breaker 41

Max. Luminaires per 20A B Breaker 52

### Dati vita utile

Vita utile nominale - L70 B50 100000

Vita utile nominale - L80 B20 71000

### Dati dimensionali

Colore corpo lampada RAL 9003 - Signal white

IP rating IP40/20

IK rating IK03

Diffuser finish Prismatico

Diffuser material Other

Lunghezza nominale del prodotto (mm) 595

Larghezza nominale prodotto (mm) 595

Nominal Product Height (mm) 26

Peso (Kg) 1.6

### Dati di imballo

Tipologia imballo singolo Carton

Product EAN number 5410288428307

Lunghezza imballo singolo (mm) 60.0

Larghezza imballo singolo (cm) 65.0

Packaging single depth (cm) 3.8

DUN14 (outer) 15410288428304

Quantità per imballo esterno 4

Packaging outer length / height (cm) 69.0

Packaging outer width (cm) 65.0

Packaging outer depth (cm) 17.0

### Dati di sicurezza

Temperatura ottimale di utilizzo (°C) -10-45

## FOTOMETRIA

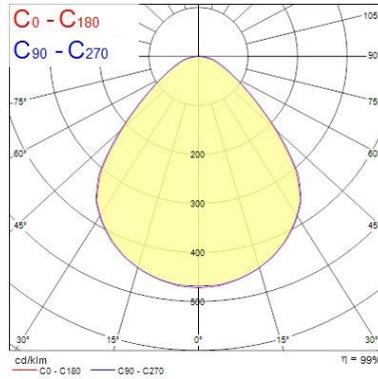
## START Panel IP40 UGR19 600x600

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0.5	1.01 0.98	E(0°) E(C90) E(C0)	8813 1833 1608
1.0	2.01 1.97	E(0°) E(C90) E(C0)	2203 383 202
1.5	3.02 2.95	E(0°) E(C90) E(C0)	979 170 179
2.0	4.03 3.93	E(0°) E(C90) E(C0)	551 98 100
2.5	5.04 4.91	E(0°) E(C90) E(C0)	353 61 62
3.0	6.04 5.90	E(0°) E(C90) E(C0)	245 43 45

Distance [m]      Cone diameter [m]      Illuminance [lx]

— C0 - C180 (Half beam angle: 88.0°)  
— C90 - C270 (Half beam angle: 90.4°)



## DISEGNI TECNICI

