

## Quadro UGR16 600x600 SylSmart StandAlone QUADRO UGR16 600x600 4600LM 840 SSC 0047027



### Caratteristiche prodotto

- Unique stylish recessed modular Led luminaire, ideal for general indoor lighting applications such as breakout areas, offices and meeting rooms. Steel frame with integrated reflector, passive cooling. Low glaring UGR<16. RG1, 75 degree beam angle, optical system: white painted reflector with total internal reflection lenses. Light color temperature: 4000K Neutral White, total system power: 36W, total fixture output: 4600lm, efficacy: 128 lm/W, Ra80 typical, LED chromacity: 3 step MacAdam ellipse (SDCM3), lifespan: 77,000 hours at 80% of the original output (L80B20), IR/UV free light source without heat radiation, operating voltage: 220-240V / 50-60Hz, low flicker, SylSmart SSC dimmable driver, electrical protection: Class I. Degree of Protection: IP40/IP20, suitable for indoor environment only. Not compatible with surface mounting frames. Nominal size: 595x595mm, Loop in / loop out wiring, safety cables included, 18mm nominal height, RAL 9003 - Signal white color frame, weight: 4,8Kg.



### PANORAMICA DEL PRODOTTO

Nome prodotto	QUADRO UGR16 600x600 4600LM 840 SSC
Tecnologia	LED
Cap/Base	N/A
Housing	Acciaio
Montaggio	Ceiling recessed mounting
General application	Istruzione, Uffici
ETIM Class	EC002892
Garanzia	5 years
Fixture luminous flux (lm)	4600
Luminaire efficacy (lm/W)	128
L.O.R. (%)	100
Temperatura di colore (K)	4000
Colore della luce	Neutral White
CRI (Ra)	80
Consistenza colore (SDCM)	SDCM3
Beam Angle (°)	75
Glare control	< 16
Gruppo di rischio fotobiologico	RG1
Potenza totale (W)	36
Electrical protection	Classe I
Tipologia reattore	LED driver constant current
Dimmable	Si
Dimming method	SylSmart SSC
Minimum dimming level (%)	1
LED Flickering Rate	Ultra low (5% or less)
Colore corpo lampada	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK08
Product EAN number	5410288470276

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### TABELLA DATI

#### Dati generali

Nome prodotto	QUADRO UGR16 600x600 4600LM 840 SSC
Tecnologia	LED
Cap/Base	N/A
Housing	Acciaio
Montaggio	Ceiling recessed mounting
General application	Istruzione, Uffici
Operating temperature range (°C)	-10°C...+35°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Garanzia	5 years

#### Dati ottici

Fixture luminous flux (lm)	4600
Luminaire efficacy (lm/W)	128
L.O.R. (%)	100
Temperatura di colore (K)	4000
Colore della luce	Neutral White
CRI (Ra)	80
Consistenza colore (SDCM)	SDCM3
Beam Angle (°)	75
Distribution type	Simmetrico
Glare control	< 16
Gruppo di rischio fotobiologico	RG1
Flusso mantenuto a fine vita utile (%)	70

#### Dati elettrici

Potenza totale (W)	36
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	0.95
THD (at 230 V, 50 Hz, full load, at 100% dimming level) xx.x %	9.0
Electrical protection	Classe I
Control gear required	No
Tipologia reattore	LED driver constant current
No. Of switching cycles before premature failures	>100000
Dimmable	Si
Dimming method	SylSmart SSC
Minimum dimming level (%)	1
Drive current (mA)	155
Corrente di spunto (A)	40
Durata picco di corrente (µs)	150
Glow Wire Test (°C)	650

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Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Quantità max. apparecchi per interruttore 10A tipo C	38
Max. products per 13A C Breaker	48
Quantità max. apparecchi per interruttore 16A tipo C	60
Max. products per 20A C Breaker	75
Max. products per 10A B Breaker	32
Max. products per 13A B Breaker	41
Max. products per 16A B Breaker	52
Max. products per 20A B Breaker	64
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.5

### Dati vita utile

Vita utile nominale - L70 B50	100000
Vita utile nominale - L80 B20	77000

### Dati dimensionali

Colore corpo lampada	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK08
Diffuser finish	Transparent
Diffuser material	Nessuno
Lunghezza nominale del prodotto (mm)	595
Larghezza nominale prodotto (mm)	595
Nominal Product Height (mm)	18.8
Peso (Kg)	3.4

### Dati di imballo

Tipologia imballo singolo	Carton
Product EAN number	5410288470276
Lunghezza imballo singolo (mm)	60.0
Larghezza imballo singolo (cm)	60.0
Packaging single depth (cm)	8.0
DUN14 (outer)	05410288470276
Quantità per imballo esterno	1
Packaging outer length / height (cm)	60.0
Packaging outer width (cm)	60.0
Packaging outer depth (cm)	8.0

### Dati di sicurezza

Temperatura ottimale di utilizzo (°C)	-10-35
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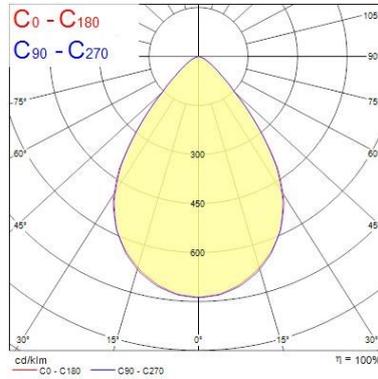
## FOTOMETRIA

## Quadro UGR16 600x600 SylSmart StandAlone QUADRO UGR16 600x600 4600LM 840 SSC 0047027

0.5	0.74 0.75	E(0°) E(C90) E(C0)	13499 3524 3524
1.0	1.48 1.49	E(0°) E(C90) E(C0)	3374 881 879
1.5	2.22 2.24	E(0°) E(C90) E(C0)	1530 392 389
2.0	2.96 2.98	E(0°) E(C90) E(C0)	844 220 219
2.5	3.70 3.73	E(0°) E(C90) E(C0)	540 141 142
3.0	4.44 4.47	E(0°) E(C90) E(C0)	376 94 97

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

— C0 - C180 (Half beam angle: 73.4°)  
 — C90 - C270 (Half beam angle: 73.0°)



### DISEGNI TECNICI

