

QUADRO UGR16 1200X300 DALI 4600LM 840

Code article 0047129

SYLVANIA

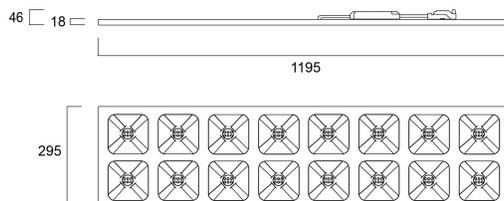
PROTM



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, DALI dimmable driver, electrical protection: Class I. Degree of Protection: IP40/IP20, suitable for indoor environment only. Nominal size: 1195x295mm, Loop in / loop out wiring, safety cables included, 18mm nominal height, RAL 9003 - Signal white color frame, weight: 5Kg.

Atouts techniques

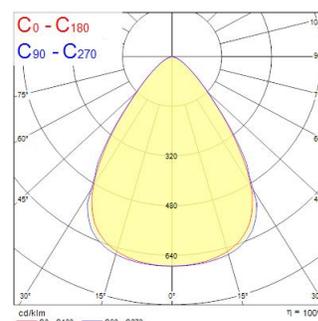
Dimensions (mm)



Photométrie

Distance [m]	Cone diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	0.77 0.76	Ø171 Ø166 Ø161	1340 1410 1500
1.0	1.54 1.51	Ø342 Ø332 Ø321	330 350 380
1.5	2.31 2.27	Ø513 Ø500 Ø489	150 160 170
2.0	3.08 3.03	Ø684 Ø668 Ø653	70 75 80
2.5	3.85 3.78	Ø855 Ø836 Ø817	40 45 50
3.0	4.62 4.54	Ø1026 Ø1004 Ø983	25 30 35

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 74.2°)
 — C90 - C270 (Half beam angle: 75.2°)



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Données générales

Nom du produit	QUADRO UGR16 1200X300 DALI 4600LM 840
Technologie	LED
Cap/Base	N/A
Housing	Steel
Montage	Ceiling recessed mounting, Suspended
Built in presence detector	NONE
General application	Education, Office
Operating temperature range (°C)	-10°C...+50°C
Performance ambient temperature Tq (°C)	25
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Warranty	5 ans

Données optiques

Fixture luminous flux (lm)	4600
Luminaire efficacy (lm/W)	128
LOR (%)	100
Température de couleur (K)	4000
Couleur de lumière	Neutral White
IRC (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	75
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG1
Maintien du flux à la fin de la durée de vie nominale (lm)	70

Caractéristiques électriques

Consommation électrique totale (W)	36
Primary Supply/Product voltage - min (V)	220
Primary Supply/Product voltage - max (V)	240
Lamp power factor	1
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	9.0
Electrical protection	Class I
Control gear required	No
Type d'appareillage	LED driver constant current
No. Of switching cycles before premature failures	>100000
Dimmable	Yes
Dimming method	DALI
Minimum dimming level (%)	1
Drive current (mA)	155
Courant d'appel (A)	40
Inrush Duration (µs)	150
Energy Efficiency Class (A->G) of contained light source	E
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	38
Max. products per 13A C Breaker	48
Max. products per 16A C Breaker	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 ²)	1.5

Durée de vie

Lifespan L70 B50	100000
Lifespan L80 B20	77000

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Données physiques

Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK08
Diffuser finish	Other
Diffuser material	None
Longueur (mm)	1195
Largeur (mm)	395
Nominal Product Height (mm)	18.8
Poids (kg)	3.86
Recessed Depth (mm)	60

Emballage

Product EAN number	5410288471297
Longueur simple de l'emballage (cm)	121.0
Largeur simple de l'emballage (cm)	4.5
Packaging single depth (cm)	37.0
DUN14 (inner)	15410288471294
Units per outer package	4
Packaging outer length / height (cm)	123.5
Packaging outer width (cm)	21.7
Packaging outer depth (cm)	40.0

Sécurité

Glow Wire Test (°C)	650
Condition de fonctionnement optimal (° C)	-10-50