

QUADRO UGR16 600x600 DALI 4450LM 830

Code article 0047253

SYLVANIA

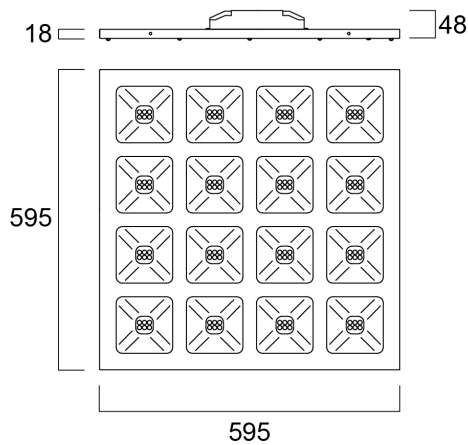
PROTM



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: 3000K Warm White, total system power: 36W , total fixture output: 4450lm, efficacy: 124 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: 595x595mm, Loop in / loop out wiring, safety cables included, 18mm nominal height, RAL 9003 - Signal white color frame, weight: 4,8Kg.

Atouts techniques

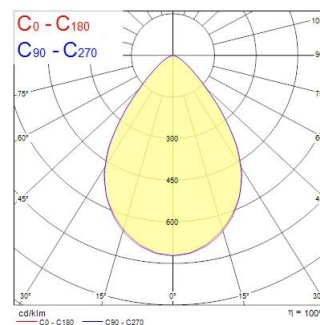
Dimensions (mm)



Photométrie

Distance [m]	Cone diameter [m]	Beam diameter [m]	Illuminance [lx]
0.5	0.74 0.75	Ø171 Ø160 Ø150	12737 3381 3312
1.0	1.48 1.48	Ø342 Ø320 Ø300	3197 896 828
1.5	2.23 2.24	Ø513 Ø480 Ø450	1421 388 360
2.0	2.97 2.98	Ø684 Ø640 Ø600	799 207 207
2.5	3.71 3.72	Ø855 Ø800 Ø750	511 133 132
3.0	4.46 4.47	Ø1026 Ø960 Ø900	390 99 92

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 73.4°)
 — C90 - C270 (Half beam angle: 73.2°)



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Données générales

Nom du produit	QUADRO UGR16 600x600 DALI 4450LM 830
Technologie	LED
Cap/Base	N/A
Housing	Steel
Montage	Ceiling recessed mounting, Suspended
General application	Education, Office
Operating temperature range (°C)	-10°C...+50°C
Performance ambient temperature Tq (°C)	25
ETIM Class	EC002892
Numéro virtuel FI	4278098
Warranty	5 ans

Données optiques

Fixture luminous flux (lm)	4450
Luminaire efficacy (lm/W)	124
LOR (%)	100
Température de couleur (K)	3000
Couleur de lumière	Warm 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	0.95
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	Electronic ballast
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

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 material	None
Longueur (mm)	595
Largeur (mm)	595
Nominal Product Height (mm)	18.8
Poids (kg)	3.362
Recessed Depth (mm)	60

Emballage

Product EAN number	5410288472539
Longueur simple de l'emballage (cm)	60.5
Largeur simple de l'emballage (cm)	2.8
Packaging single depth (cm)	66.7
DUN14 (inner)	15410288472536
Units per outer package	1
Packaging outer length / height (cm)	60.5
Packaging outer width (cm)	2.8
Packaging outer depth (cm)	66.7

Sécurité

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