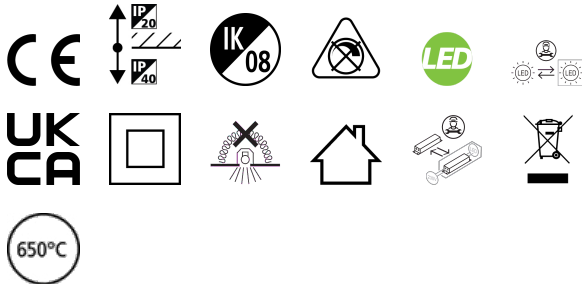


QUADRO UGR16 600x600 MULTIPOWER 2050-4500LM 830

Code article 0047251

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: 34W , total fixture output: 4500lm, efficacy: 140 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, non-dimmable 8-step Multipower driver (15W 2050lm, 18W 2450lm, 21W 2950lm, 24W 3300lm, 27W 3700lm, 30W 4000lm, 32W 4300lm, 34W 4500lm), 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, 18mm nominal height, RAL 9003 - Signal white color frame, weight: 3,2Kg.

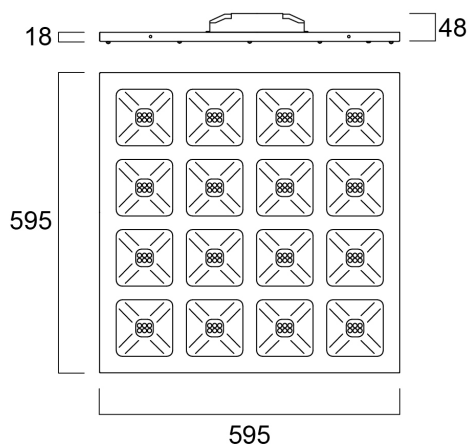
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Atouts techniques

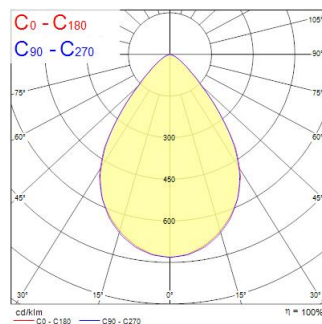
Dimensions (mm)



Photométrie

Distance [m]	Cone diameter [m]	E10'	E15'	E20'	E25'	E30'	E35'	E40'	E45'	E50'	E55'	E60'	E65'	E70'	E75'	E80'	E85'	E90'	E95'	E100'	Illuminance [lx]	
0.5	0.74 0.75	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000	1000
1.0	1.49 1.49	1772	1772	1772	1772	1772	1772	1772	1772	1772	1772	1772	1772	1772	1772	1772	1772	1772	1772	1772	1772	1772
1.5	2.23 2.24	788	788	788	788	788	788	788	788	788	788	788	788	788	788	788	788	788	788	788	788	788
2.0	2.97 2.98	443	443	443	443	443	443	443	443	443	443	443	443	443	443	443	443	443	443	443	443	443
2.5	3.71 3.73	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284	284
3.0	4.45 4.47	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197	197

Distance [m] Cone diameter [m] Illuminance [lx]
 — C0 - C180 (Half beam angle: 72.4°)
 — C90 - C270 (Half beam angle: 73.2°)



Données générales

Nom du produit	QUADRO UGR16 600x600 MULTIPOWER 2050-4500LM 830
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
Numéro virtuel FI	4278096
Warranty	5 ans

Données optiques

Fixture luminous flux (lm)	4500
Luminaire efficacy (lm/W)	132
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

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Caractéristiques électriques

Consommation électrique totale (W)	34
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) \leq xx.x %	25.0
Electrical protection	Class II
Control gear required	No
Type d'appareillage	Electronic ballast multiwatt
No. Of switching cycles before premature failures	>100000
Dimmable	No
Dimming method	N/A
Drive current (mA)	155
Courant d'appel (A)	40
Inrush Duration (μ s)	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

Données physiques

Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK08
Diffuser finish	Other
Diffuser material	None
Longueur (mm)	595
Largeur (mm)	595
Nominal Product Height (mm)	18.8
Poids (kg)	2.826
Recessed Depth (mm)	60

Emballage

Product EAN number	5410288472515
Longueur simple de l'emballage (cm)	60.5
Largeur simple de l'emballage (cm)	2.8
Packaging single depth (cm)	66.7
DUN14 (inner)	15410288472512
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