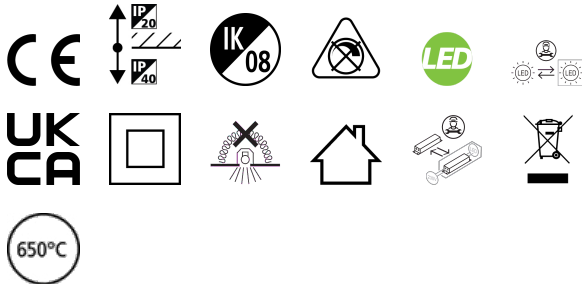


# QUADRO UGR16 625x625 MULTIPOWER 2250-4650LM 840

Code article 0047256

**SYLVANIA**

**PRO**<sup>TM</sup>



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: 34W , total fixture output: 4650lm, efficacy: 150 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 2250lm, 18W 2650lm, 21W 3150lm, 24W 3500lm, 27W 3950lm, 30W 4250lm, 32W 4500lm, 34W 4650lm), electrical protection: Class II. Degree of Protection: IP40/IP20, suitable for indoor environment only. Nominal size: 620x620mm, Loop in / loop out wiring, safety cables included, 18mm nominal height, RAL 9003 - Signal white color frame, weight: 3,4Kg.

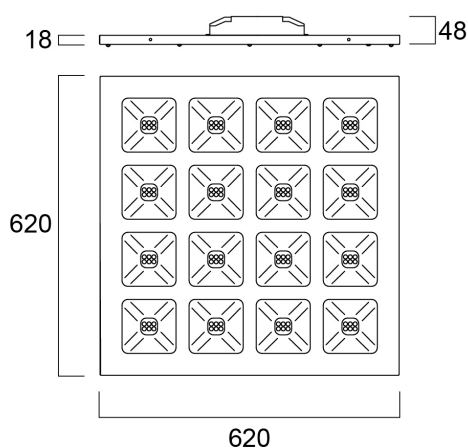
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## Atouts techniques

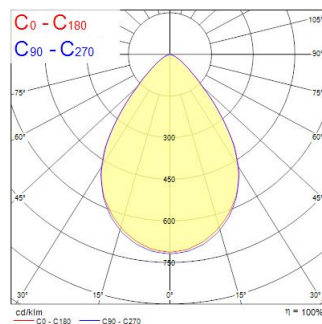
### Dimensions (mm)



### Photométrie

Distance [m]	Cone diameter [m]	E171	E170	E169	E168
0.5	0.75 0.75	8419	36.7°	1959	1951
1.0	1.49 1.50	1904	36.7°	478	473
1.5	2.24 2.25	713	36.7°	154	153
2.0	2.98 3.00	401	36.7°	104	103
2.5	3.73 3.75	267	36.7°	68	68
3.0	4.47 4.50	173	36.7°	46	46

Distance [m]    Cone diameter [m]    Illuminance [lx]  
 — C0 - C180 (Half beam angle: 73.8°)  
 — C90 - C270 (Half beam angle: 73.4°)



### Données générales

Nom du produit	QUADRO UGR16 625x625 MULTIPOWER 2250-4650LM 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)	4650
Luminaire efficacy (lm/W)	137
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

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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 ( $\mu$ 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 <sup>2</sup> )	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	Transparent
Diffuser material	None
Longueur (mm)	620
Largeur (mm)	620
Nominal Product Height (mm)	18.8
Poids (kg)	3.35
Recessed Depth (mm)	60

## Emballage

Product EAN number	5410288472560
Longueur simple de l'emballage (cm)	62.9
Largeur simple de l'emballage (cm)	3.0
Packaging single depth (cm)	68.9
DUN14 (inner)	15410288472567
Units per outer package	4
Packaging outer length / height (cm)	70.7
Packaging outer width (cm)	15.1
Packaging outer depth (cm)	65.4

## Sécurité

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