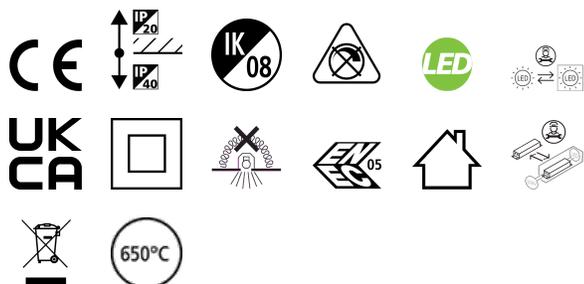# QUADRO 1200x300 830 MP

Code article 0044708

SYLVANIA
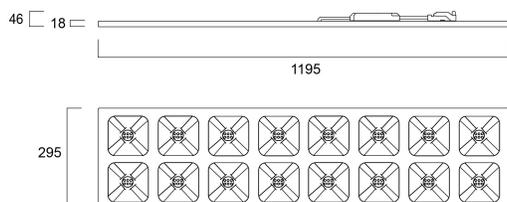
PRO™

QUADRO 1200x300 830 MP 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° beam angle, optical system: white painted reflector with total internal reflection lenses. Light color temperature: 3000K (Warm White), max system power: 34W, max fixture output: 4500lm, efficacy at max output 132lm/W, max efficacy 140lm/W @ 15W, CRi (Ra) >80 typical, LED chromacity: 3 step MacAdam ellipse (SDCM3), lifespan: 88,000 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 SELV Multipower driver (15W 2100lm, 18W 2500lm, 21W 2950lm, 24W 3300lm, 27W 3650lm, 30W 3950lm, 32W 4250lm, 34W 4500lm), electrical protection: Class II. Ingress protection IP40/IP20, suitable for indoor environment only. Nominal size: 1195x295mm, Loop in / loop out wiring, saftey cables included, 18mm nominal height, RAL 9003 - Signal white color frame, weight: 3,40kg.

Atouts techniques

Dimensions (mm)

46 18

1195
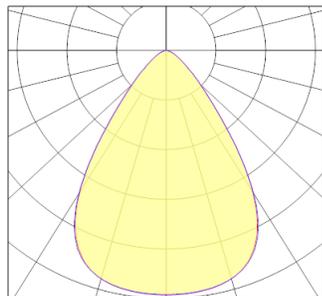
295

Photométrie

Distance [m]	Cone diameter [m]		Illuminance [lx]
0.5	0.71	0.72	E(0°) 6205 / E(C90) 35.5° 1683 / E(C0) 35.6° 1673
1.0	1.43	1.43	E(0°) 1551 / E(C90) 35.5° 421 / E(C0) 35.6° 418
1.5	2.14	2.15	E(0°) 689 / E(C90) 35.5° 187 / E(C0) 35.6° 186
2.0	2.85	2.86	E(0°) 388 / E(C90) 35.5° 105 / E(C0) 35.6° 105
2.5	3.57	3.58	E(0°) 248 / E(C90) 35.5° 67 / E(C0) 35.6° 67
3.0	4.28	4.30	E(0°) 172 / E(C90) 35.5° 47 / E(C0) 35.6° 46

C0 - C180 (Half beam angle: 71.2°)
C90 - C270 (Half beam angle: 71.0°)

QUADRO 1200x300 830 MP

Code article 0044708

SYLVANIA

cd/klm
— C0 - C180   — C90 - C270

Données générales

Nom du produit	QUADRO 1200x300 830 MP
Technologie	LED
Cap/Base	N/A
Housing	Steel
Montage	Ceiling recessed mounting, Suspended
Built in presence detector	NONE
General application	Office, Education
Operating temperature range (°C)	-10°C...+45°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
Numéro virtuel FI	4279455
Warranty	5 ans

Données optiques

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

Caractéristiques électriques

Consommation électrique totale (W)	34
Primary Supply/Product voltage - min (V)	220.0
Primary Supply/Product voltage - max (V)	240.0
Lamp power factor	0.9
THD (at 230 V, 50 Hz, full load, at 100% dimming level) ≤ xx.x %	20
Electrical protection	Class II
Control gear required	No
Type d'appareillage	Electronic ballast multiwatt
No. Of switching cycles before premature failures	>25000
Dimmable	No
Dimming method	N/A
Drive current (mA)	900
Courant d'appel (A)	25
Inrush Duration (µs)	200
Energy Efficiency Class (A->G) of contained light source	D
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	34
Max. products per 13A C Breaker	42
Max. products per 16A C Breaker	56
Max. products per 20A C Breaker	66
Max. products per 10A B Breaker	20
Max. products per 13A B Breaker	26
Max. products per 16A B Breaker	33

Max. products per 20A B Breaker	41
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	1.5

Durée de vie

Lifespan L70 B50	100000
Lifespan L80 B20	88000

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)	295
Nominal Product Height (mm)	18
Poids (kg)	3.717

Emballage

Product EAN number	5410288447087
Longueur simple de l'emballage (cm)	120.0
Largeur simple de l'emballage (cm)	3.1
Packaging single depth (cm)	36.0
DUN14 (inner)	15410288447084
Units per outer package	4
Packaging outer length / height (cm)	121.5
Packaging outer width (cm)	14.5
Packaging outer depth (cm)	38.0

Sécurité

Glow Wire Test (°C)	650
Condition de fonctionnement optimal (° C)	-10-45