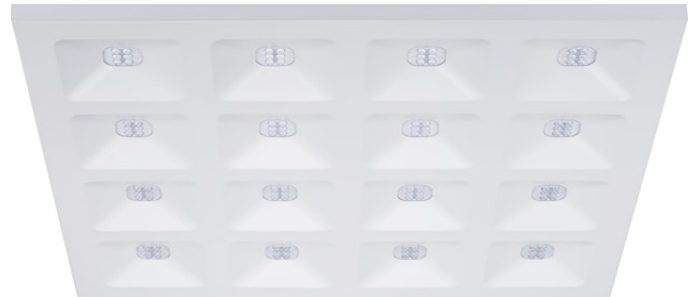
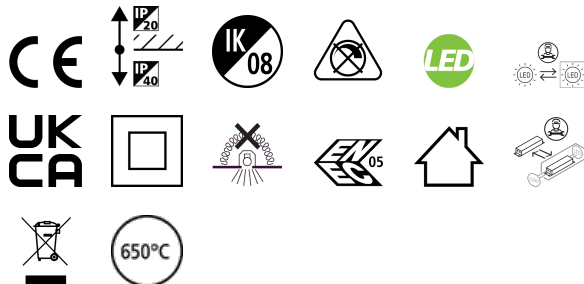


QUADRO 600x600 840 MP

Item No: 0044701

SYLVANIA

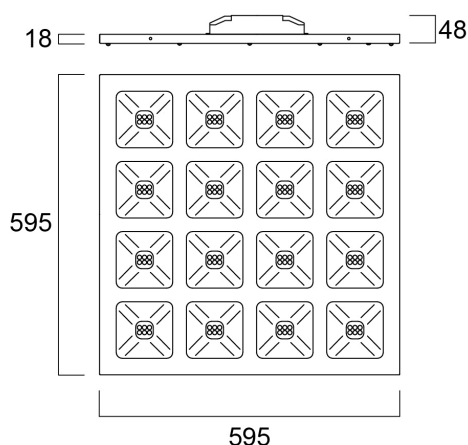
PROTM



QUADRO 600x600 840 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: 4000K (Neutral White), max system power: 34W, max fixture output: 4650lm, efficacy at max output 137lm/W, max efficacy 153lm/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 2300lm, 18W 2750lm, 21W 3150lm, 24W 3500lm, 27W 3950lm, 30W 4250lm, 32W 4500lm, 34W 4650lm), electrical protection: Class II. Ingress 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: 3,20kg.

Technical Assets

Dimensions (mm)



Photometrics

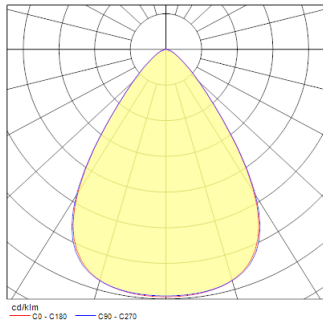
Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam diameter [ft]	Illuminance [lx]
0.5	0.72	71.4°	0.72	2.36	630
1.0	1.45	71.4°	1.45	4.72	158
1.5	2.17	71.4°	2.17	7.08	68
2.0	2.90	71.4°	2.90	9.51	32
2.5	3.62	71.4°	3.62	11.88	16
3.0	4.34	71.4°	4.34	14.25	9

Distance [m] Cone diameter [m]
— C0 - C180 (Half beam angle: 71.4°)
— C90 - C270 (Half beam angle: 71.4°)

QUADRO 600x600 840 MP

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SYLVANIA



General data

Product name	QUADRO 600x600 840 MP
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	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
E-number FI	4279445
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4650
Luminaire efficacy (lm/W)	137
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	75
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG1

Electrical data

Emergency type	
Total power consumption (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
Control gear type	LED driver constant current
No. Of switching cycles before premature failures	>25000
Dimmable	No
Dimming method	N/A
Min. drive current (mA)	400
Max. drive current (mA)	900
Drive current - Range (mA)	400mA / 900mA
Inrush Current (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

QUADRO 600x600 840 MP

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SYLVANIA

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 (mm ²)	0.75
Connectable conductor cross section - Max (mm ²)	1.5

Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	88000

Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP40/20
IK rating	IK08
Diffuser finish	Other
Diffuser material	None
Reflector finish	Matt
Nominal Product Length (mm)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	18
Weight (kg)	2.669

Packaging

Product EAN number	5410288447018
Packaging single length / height (cm)	60.0
Packaging single width (cm)	3.0
Packaging single depth (cm)	66.0
DUN14 (inner)	15410288447015
Units per outer package	48
Packaging outer length / height (cm)	122.0
Packaging outer width (cm)	81.0
Packaging outer depth (cm)	67.5

Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-10-45