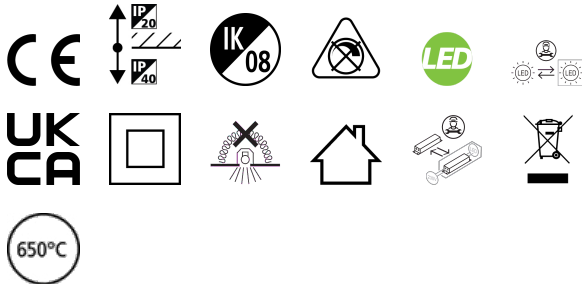


# QUADRO UGR16 600x600 MULTIPOWER 2050-4500LM 830

Item No: 0047251

**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: 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.

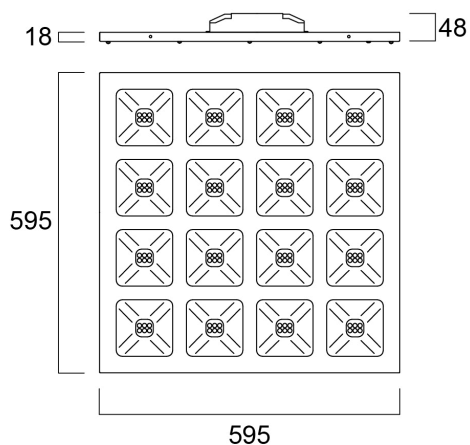
# QUADRO UGR16 600x600 MULTIPOWER 2050-4500LM 830

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**SYLVANIA**

## Technical Assets

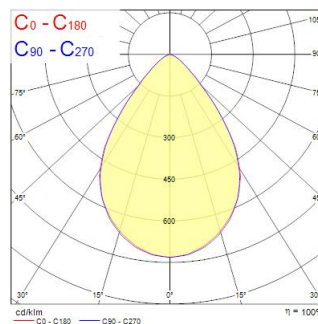
### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	E1%	E10%	E50%	E90%	Illuminance [lx]
0.5	0.74 0.75	100%	36.9°	36.9°	36.7°	1000
1.0	1.49 1.49	177%	36.9°	36.9°	36.7°	250
1.5	2.23 2.24	78%	36.9°	36.9°	36.7°	167
2.0	2.97 2.98	44%	36.9°	36.9°	36.7°	125
2.5	3.71 3.73	28%	36.9°	36.9°	36.7°	100
3.0	4.45 4.47	19%	36.9°	36.9°	36.7°	83

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



### General data

Product name	QUADRO UGR16 600x600 MULTIPOWER 2050-4500LM 830
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	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
E-number FI	4278096
Warranty	5 years

### Optical data

Fixture luminous flux (lm)	4500
Luminaire efficacy (lm/W)	132
LOR (%)	100
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	75
Distribution type	Symmetric
Glare control	< 16
Photobiological Risk Group	RG1
Lumen maintenance at end of nominal life (%)	70

# QUADRO UGR16 600x600 MULTIPOWER 2050-4500LM 830

Item No: 0047251

**SYLVANIA**

## Electrical data

Total power consumption (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) ≤ xx.x %	25.0
Electrical protection	Class II
Control gear required	No
Control gear type	Electronic ballast multiwatt
No. Of switching cycles before premature failures	>100000
Dimmable	No
Dimming method	N/A
Drive current (mA)	155
Inrush Current (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
Connectable conductor cross section - Max (mm <sup>2</sup> )	1.5

## Lifetime data

Lifespan L70 B50	100000
Lifespan L80 B20	77000

## Physical data

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

## Packaging

Product EAN number	5410288472515
Packaging single length / height (cm)	60.5
Packaging single width (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

## Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	-10-50