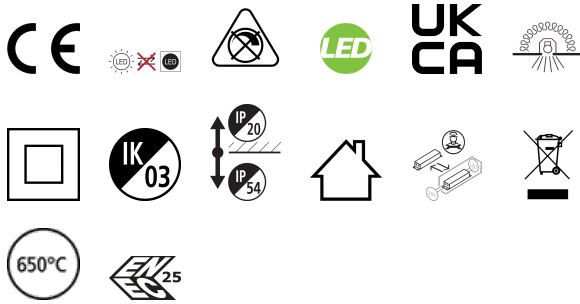


# Quantum 1200X600 4500-5500lm 830 MP

Item No: 0048130

**SYLVANIA**

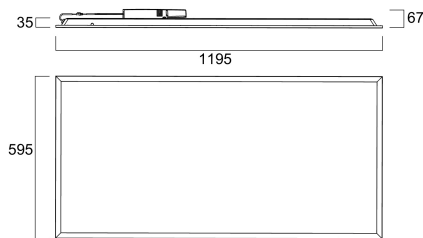
**PRO**<sup>TM</sup>



Quantum is a range of recessed integrated LED panels for general indoor lighting applications such as breakout areas, offices and meeting rooms. With the help of DIP Switch multiple lumen outputs can be set up in 4 steps (27W 4500lm, 29W 4800lm, 31W 5200lm, 33W 5500lm). Max. drive current: 750mA; Lifespan: 100.000Hrs L80:B50; 3000K; CRI 80; Efficacy up to: 168Lm/W; Glare control <19; IK03; IP54 (from the front); Class II; Tp(a) rated diffuser that self-extinguishes within 5 sec when a flame has been removed.

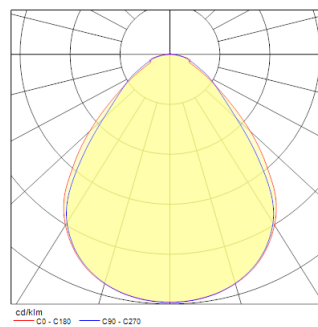
## Technical Assets

### Dimensions (mm)



### Photometrics

Distance [m]	Cone diameter [m]	E171	E170	E169	E168	ILLUMINANCE [lx]
0.5	0.89 0.96	1033	2272	413°	44.4°	1995
1.0	1.79 1.90	2731	588	413°	44.4°	499
1.5	2.68 2.84	1214	212	413°	44.4°	212
2.0	3.58 3.82	685	121	413°	44.4°	121
2.5	4.47 4.80	471	80	413°	44.4°	80
3.0	5.36 5.88	303	55	413°	44.4°	55



# Quantum 1200X600 4500-5500lm 830 MP

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**SYLVANIA**

## General data

Product name	Quantum 1200X600 4500-5500lm 830 MP
Technology	LED
Cap/Base	N/A
Housing	Steel
Mount	Ceiling recessed mounting
Built in presence detector	NONE
General application	Office
Operating temperature range (°C)	5°C...+25°C
Virtual assistant compatibility	N/A
ETIM Class	EC002892
E-number FI	4289290
Warranty	5 years

## Optical data

Fixture luminous flux (lm)	5500
Luminaire efficacy (lm/W)	167
Correlated colour temperature (k)	3000
Light colour	Warm White
CRI (Ra)	80
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	85
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

## Electrical data

Emergency type	
Total power consumption (W)	33
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 %	15.0
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	No
Dimming method	N/A
Inrush Current (A)	12
Inrush Duration (µs)	266
Energy Efficiency Class (A->G) of contained light source	B
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	24
Max. products per 16A C Breaker	40
Max. products per 16A B Breaker	23
Connectable conductor cross section - Min (mm <sup>2</sup> )	0.75
Connectable conductor cross section - Max (mm <sup>2</sup> )	2.5

## Lifetime data

Lifespan L70 B50	100000
Lifespan L70 B20	100000
Lifespan L70 B10	100000
Lifespan L80 B50	100000
Lifespan L80 B20	95000
Lifespan L80 B10	89000
Lifespan L90 B50	52000
Lifespan L90 B20	47000
Lifespan L90 B10	44000

# Quantum 1200X600 4500-5500lm 830 MP

Item No: 0048130



## Physical data

Housing colour	RAL 9003 - Signal white
IP rating	IP54/20
IK rating	IK03
Diffuser finish	Prismatic
Diffuser material	PS Polystyrene
Nominal Product Length (mm)	1195
Nominal Product Width (mm)	595
Nominal Product Height (mm)	35
Weight (kg)	4.2

## Packaging

Product EAN number	5410288481302
Packaging single length / height (cm)	124.5
Packaging single width (cm)	4.0
Packaging single depth (cm)	60.0
DUN14 (inner)	15410288481309
Units per outer package	2
Packaging outer length / height (cm)	126.5
Packaging outer width (cm)	10.2
Packaging outer depth (cm)	62.8

## Safety data

Glow Wire Test (°C)	650
Optimal operating condition (°C)	5-25