

QUANTUM 1200X300 4300LM 830 SSA01D

Item No: 0048121

SYLVANIA

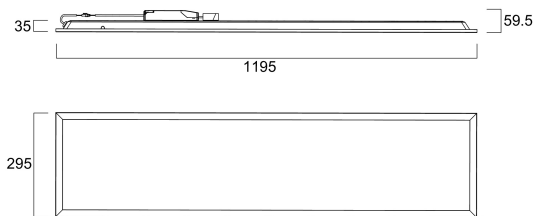
PROTM



Quantum is a range of recessed integrated LED panels for general indoor lighting applications such as breakout areas, offices and meeting rooms. Max. lumen output: 4300lm; Max. drive current: 600mA; Lifespan: 100.000Hrs L80:B50; 3000K; CRI 80; Efficacy: 153lm/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. SylSmart Connected (SSA) enabled.

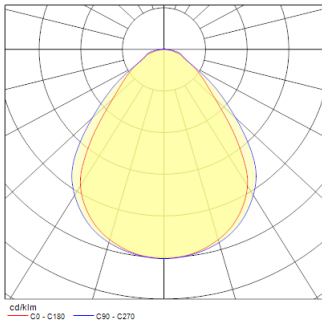
Technical Assets

Dimensions (mm)



Photometrics

Distance (m)	Cone diameter (m)	Beam angle (°)	Beam diameter (m)	Beam area (m²)	Illuminance (lx)
0.5	1.01	0.85	1.01	0.81	5302
1.0	2.02	1.70	2.02	3.26	1314
1.5	3.03	2.55	3.03	9.18	465
2.0	4.04	3.40	4.04	16.3	263
2.5	5.05	4.25	5.05	25.5	168
3.0	6.06	5.11	6.06	36.7	116



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General data

Product name	QUANTUM 1200X300 4300LM 830 SSA01D
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
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4300
Luminaire efficacy (lm/W)	154
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)	28
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 %	10.0
Electrical protection	Class II
Control gear type	LED driver constant current
Dimmable	Yes
Dimming method	SylSmart Connected (SSA)
Drive current (mA)	600
Inrush Current (A)	20
Inrush Duration (µs)	25
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	42
Max. products per 13A C Breaker	55
Max. products per 16A C Breaker	69
Max. products per 20A C Breaker	84
Max. products per 10A B Breaker	25
Max. products per 13A B Breaker	33
Max. products per 16A B Breaker	40
Max. products per 20A B Breaker	51
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	2.5

Lifetime data

Lifespan L70 B50	100000
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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)	295
Nominal Product Height (mm)	35
Weight (kg)	2.05

Packaging

Product EAN number	5410288481210
Packaging single length / height (cm)	122.8
Packaging single width (cm)	3.5
Packaging single depth (cm)	30.0
DUN14 (inner)	15410288481217
Units per outer package	4
Packaging outer length / height (cm)	124.1
Packaging outer width (cm)	16.2
Packaging outer depth (cm)	31.8

Safety data

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