

Quantum 600X600 2200-4300lm 940 MP

Item No: 0048110

SYLVANIA

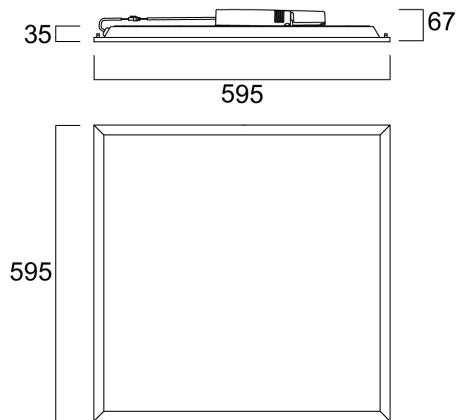
PROTM



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 (13W 2200lm, 17W 2900lm, 22W 3700lm, 26W 4300lm). Max. drive current: 600mA; Lifespan: 100.000Hrs L80:B50; 4000K; CRI 90; Efficacy up to: 171Lm/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

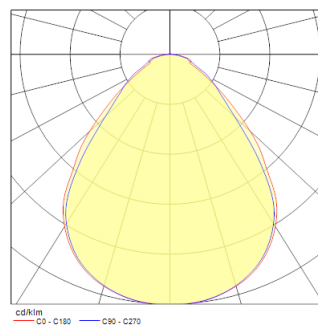
Dimensions (mm)



Photometrics

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Beam area [m²]	Beam flux [lm]	Beam illuminance [lx]
0.5	0.83	41.5°	0.83	0.69	9541	13785
1.0	1.77	41.5°	1.77	3.11	2380	7653
1.5	2.66	41.5°	2.66	7.07	980	1390
2.0	3.54	41.5°	3.54	12.5	540	432
2.5	4.42	41.5°	4.42	19.5	346	177
3.0	5.31	41.5°	5.31	28.1	240	85
3.5	6.19	41.5°	6.19	38.1	174	45

Distance [m] Cone diameter [m]
— C0 - C180 (half beam angle: 90.0°)
— C90 - C270 (half beam angle: 90.0°)



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General data

Product name	Quantum 600X600 2200-4300lm 940 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	4289296
Warranty	5 years

Optical data

Fixture luminous flux (lm)	4300
Luminaire efficacy (lm/W)	165
Correlated colour temperature (k)	4000
Light colour	Neutral White
CRI (Ra)	90
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)	26
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
Drive current (mA)	600
Inrush Current (A)	10
Inrush Duration (µs)	211
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	29
Max. products per 16A C Breaker	48
Max. products per 16A B Breaker	28
Connectable conductor cross section - Min (mm²)	0.75
Connectable conductor cross section - Max (mm²)	2.5

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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

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)	595
Nominal Product Width (mm)	595
Nominal Product Height (mm)	35
Weight (kg)	2.0

Packaging

Product EAN number	5410288481104
Packaging single length / height (cm)	64.5
Packaging single width (cm)	3.5
Packaging single depth (cm)	60.0
DUN14 (inner)	15410288481101
Units per outer package	4
Packaging outer length / height (cm)	66.5
Packaging outer width (cm)	16.8
Packaging outer depth (cm)	62.8

Safety data

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