

Quantum 600X600 2200-4300lm 940 MP

Code article 0048110

SYLVANIA

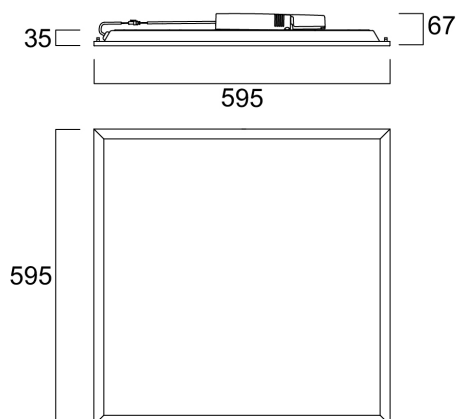
PROTM



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.

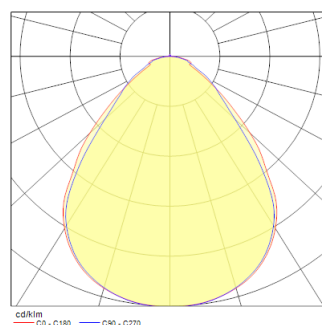
Atouts techniques

Dimensions (mm)



Photométrie

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Illuminance [lx]
0.5	0.83	41.5°	0.83	9541
1.0	1.77	41.5°	1.77	2380
1.5	2.66	41.5°	2.66	980
2.0	3.54	41.5°	3.54	460
2.5	4.42	41.5°	4.42	290
3.0	5.31	41.5°	5.31	170
3.5	6.19	41.5°	6.19	114
4.0	7.07	41.5°	7.07	84
4.5	7.95	41.5°	7.95	64
5.0	8.83	41.5°	8.83	49
5.5	9.71	41.5°	9.71	39
6.0	10.59	41.5°	10.59	32
6.5	11.47	41.5°	11.47	26
7.0	12.35	41.5°	12.35	21
7.5	13.23	41.5°	13.23	17
8.0	14.11	41.5°	14.11	14
8.5	14.99	41.5°	14.99	11
9.0	15.87	41.5°	15.87	9
9.5	16.75	41.5°	16.75	7
10.0	17.63	41.5°	17.63	6
10.5	18.51	41.5°	18.51	5
11.0	19.39	41.5°	19.39	4
11.5	20.27	41.5°	20.27	3
12.0	21.15	41.5°	21.15	3
12.5	22.03	41.5°	22.03	2
13.0	22.91	41.5°	22.91	2
13.5	23.79	41.5°	23.79	1
14.0	24.67	41.5°	24.67	1
14.5	25.55	41.5°	25.55	1
15.0	26.43	41.5°	26.43	1
15.5	27.31	41.5°	27.31	1
16.0	28.19	41.5°	28.19	1
16.5	29.07	41.5°	29.07	1
17.0	29.95	41.5°	29.95	1
17.5	30.83	41.5°	30.83	1
18.0	31.71	41.5°	31.71	1
18.5	32.59	41.5°	32.59	1
19.0	33.47	41.5°	33.47	1
19.5	34.35	41.5°	34.35	1
20.0	35.23	41.5°	35.23	1
20.5	36.11	41.5°	36.11	1
21.0	36.99	41.5°	36.99	1
21.5	37.87	41.5°	37.87	1
22.0	38.75	41.5°	38.75	1
22.5	39.63	41.5°	39.63	1
23.0	40.51	41.5°	40.51	1
23.5	41.39	41.5°	41.39	1
24.0	42.27	41.5°	42.27	1
24.5	43.15	41.5°	43.15	1
25.0	44.03	41.5°	44.03	1
25.5	44.91	41.5°	44.91	1
26.0	45.79	41.5°	45.79	1
26.5	46.67	41.5°	46.67	1
27.0	47.55	41.5°	47.55	1
27.5	48.43	41.5°	48.43	1
28.0	49.31	41.5°	49.31	1
28.5	50.19	41.5°	50.19	1
29.0	51.07	41.5°	51.07	1
29.5	51.95	41.5°	51.95	1
30.0	52.83	41.5°	52.83	1
30.5	53.71	41.5°	53.71	1
31.0	54.59	41.5°	54.59	1
31.5	55.47	41.5°	55.47	1
32.0	56.35	41.5°	56.35	1
32.5	57.23	41.5°	57.23	1
33.0	58.11	41.5°	58.11	1
33.5	58.99	41.5°	58.99	1
34.0	59.87	41.5°	59.87	1
34.5	60.75	41.5°	60.75	1
35.0	61.63	41.5°	61.63	1
35.5	62.51	41.5°	62.51	1
36.0	63.39	41.5°	63.39	1
36.5	64.27	41.5°	64.27	1
37.0	65.15	41.5°	65.15	1
37.5	66.03	41.5°	66.03	1
38.0	66.91	41.5°	66.91	1
38.5	67.79	41.5°	67.79	1
39.0	68.67	41.5°	68.67	1
39.5	69.55	41.5°	69.55	1
40.0	70.43	41.5°	70.43	1
40.5	71.31	41.5°	71.31	1
41.0	72.19	41.5°	72.19	1
41.5	73.07	41.5°	73.07	1
42.0	73.95	41.5°	73.95	1
42.5	74.83	41.5°	74.83	1
43.0	75.71	41.5°	75.71	1
43.5	76.59	41.5°	76.59	1
44.0	77.47	41.5°	77.47	1
44.5	78.35	41.5°	78.35	1
45.0	79.23	41.5°	79.23	1
45.5	80.11	41.5°	80.11	1
46.0	80.99	41.5°	80.99	1
46.5	81.87	41.5°	81.87	1
47.0	82.75	41.5°	82.75	1
47.5	83.63	41.5°	83.63	1
48.0	84.51	41.5°	84.51	1
48.5	85.39	41.5°	85.39	1
49.0	86.27	41.5°	86.27	1
49.5	87.15	41.5°	87.15	1
50.0	88.03	41.5°	88.03	1
50.5	88.91	41.5°	88.91	1
51.0	89.79	41.5°	89.79	1
51.5	90.67	41.5°	90.67	1
52.0	91.55	41.5°	91.55	1
52.5	92.43	41.5°	92.43	1
53.0	93.31	41.5°	93.31	1
53.5	94.19	41.5°	94.19	1
54.0	95.07	41.5°	95.07	1
54.5	95.95	41.5°	95.95	1
55.0	96.83	41.5°	96.83	1
55.5	97.71	41.5°	97.71	1
56.0	98.59	41.5°	98.59	1
56.5	99.47	41.5°	99.47	1
57.0	100.35	41.5°	100.35	1
57.5	101.23	41.5°	101.23	1
58.0	102.11	41.5°	102.11	1
58.5	102.99	41.5°	102.99	1
59.0	103.87	41.5°	103.87	1
59.5	104.75	41.5°	104.75	1
60.0	105.63	41.5°	105.63	1
60.5	106.51	41.5°	106.51	1
61.0	107.39	41.5°	107.39	1
61.5	108.27	41.5°	108.27	1
62.0	109.15	41.5°	109.15	1
62.5	110.03	41.5°	110.03	1
63.0	110.91	41.5°	110.91	1
63.5	111.79	41.5°	111.79	1
64.0	112.67	41.5°	112.67	1
64.5	113.55	41.5°	113.55	1
65.0	114.43	41.5°	114.43	1
65.5	115.31	41.5°	115.31	1
66.0	116.19	41.5°	116.19	1
66.5	117.07	41.5°	117.07	1
67.0	117.95	41.5°	117.95	1
67.5	118.83	41.5°	118.83	1
68.0	119.71	41.5°	119.71	1
68.5	120.59	41.5°	120.59	1
69.0	121.47	41.5°	121.47	1
69.5	122.35	41.5°	122.35	1
70.0	123.23	41.5°	123.23	1
70.5	124.11	41.5°	124.11	1
71.0	124.99	41.5°	124.99	1
71.5	125.87	41.5°	125.87	1
72.0	126.75	41.5°	126.75	1
72.5	127.63	41.5°	127.63	1
73.0	128.51	41.5°	128.51	1
73.5	129.39	41.5°	129.39	1
74.0	130.27	41.5°	130.27	1
74.5	131.15	41.5°	131.15	1
75.0	132.03	41.5°	132.03	1
75.5	132.91	41.5°	132.91	1
76.0	133.79	41.5°	133.79	1
76.5	134.67	41.5°	134.67	1
77.0	135.55	41.5°	135.55	1
77.5	136.43	41.5°	136.43	1
78.0	137.31	41.5°	137.31	1
78.5	138.19	41.5°	138.19	1
79.0	139.07	41.5°	139.07	1
79.5	139.95	41.5°	139.95	1
80.0	140.83	41.5°	140.83	1
80.5	141.71	41.5°	141.71	1
81.0	142.59	41.5°	142.59	1
81.5	143.47	41.5°	143.47	1
82.0	144.35	41.5°	144.35	1
82.5	145.23	41.5°	145.23	1
83.0	146.11	41.5°	146.11	1
83.5	146.99	41.5°	146.99	1
84.0	147.87	41.5°	147.87	1
84.5	148.75	41.5°	148.75	1
85.0	149.63	41.5°	149.63	1
85.5	150.51	41.5°	150.51	1
86.0	151.39	41.5°	151.39	1
86.5	152.27	41.5°	152.27	1
87.0	153.15	41.5°	153.15	1
87.5	154.03	41.5°	154.03	1
88.0	154.91	41.5°	154.91	1
88.5	155.79	41.5°	155.79	1
89.0	156.67	41.5°	156.67	1
89.5	157.55	41.5°	157.55	1
90.0	158.43	41.5°	158.43	1
90.5	159.31	41.5°	159.31	1
91.0	160.19	41.5°	160.19	1
91.5	161.07	41.5°	161.07	1
92.0	161.95	41.5°	161.95	1
92.5	162.83	41.5°	162.83	1
93.0	163.71	41.5°	163.71	1
93.5	164.59	41.5°	164.59	1
94.0	165.47	41.5°	165.47	1
94.5	166.35	41.5°	166.35	1
95.0	167.23	41.5°	167.23	1
95.5	168.11	41.5°	168.11	1
96.0	168.99	41.5°	168.99	1
96.5	169.87	41.5°	169.87	1
97.0	170.75	41.5°	170.75	1
97.5	171.63	41.5°	171.63	1
98.0	172.51	41.5°	172.51	1
98.5	173.39	41.5°	173.39	1
99.0	174.27	41.5°	174.27	1
99.5	175.15	41.5°	175.15	1
100.0	176.03	41.5°	176.03	1



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Données générales

Nom du produit	Quantum 600X600 2200-4300lm 940 MP
Technologie	LED
Cap/Base	N/A
Housing	Steel
Montage	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
Numéro virtuel FI	4289296
Warranty	5 ans

Données optiques

Fixture luminous flux (lm)	4300
Luminaire efficacy (lm/W)	165
Température de couleur (K)	4000
Couleur de lumière	Neutral White
IRC (Ra)	90
Colour Variation Initial (SDCM)	SDCM3
Beam Angle (°)	85
Distribution type	Symmetric
Glare control	< 19
Photobiological Risk Group	RG0

Caractéristiques électriques

Emergency type	
Consommation électrique totale (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
Type d'appareillage	LED driver constant current
Dimmable	No
Dimming method	N/A
Drive current (mA)	600
Courant d'appel (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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Durée de vie

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

Données physiques

Housing colour	RAL 9003 - Signal white
IP rating	IP54/20
IK rating	IK03
Diffuser finish	Prismatic
Diffuser material	PS Polystyrene
Longueur (mm)	595
Largeur (mm)	595
Nominal Product Height (mm)	35
Poids (kg)	2.0

Emballage

Product EAN number	5410288481104
Longueur simple de l'emballage (cm)	64.5
Largeur simple de l'emballage (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

Sécurité

Glow Wire Test (°C)	650
Condition de fonctionnement optimal (° C)	5-25