

Quantum 625X625 4700lm 840 DALI

Code article 0048123

SYLVANIA

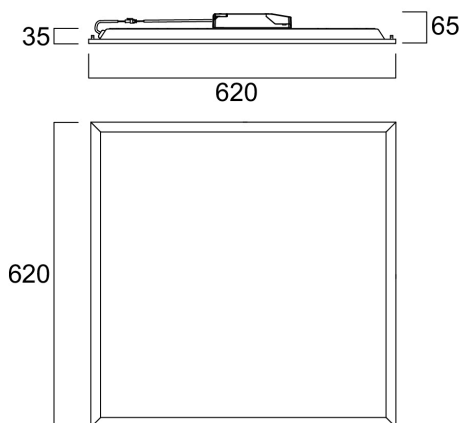
PROTM



Quantum is a range of recessed integrated LED panels for general indoor lighting applications such as breakout areas, offices and meeting rooms. Max. drive current: 600mA; Max. power: 26W; Lifespan: 100.000Hrs L80:B50; 4000K; CRI 80; Efficacy up to: 181Lm/W; Fixture lumen: 4700lm; Glare control <19; IK03; IP54 (from the front); Class II; DALI dimmable. Tp(a) rated diffuser that self-extinguishes within 5 sec when a flame has been removed. Lumen output in Emergency mode: 550lm.

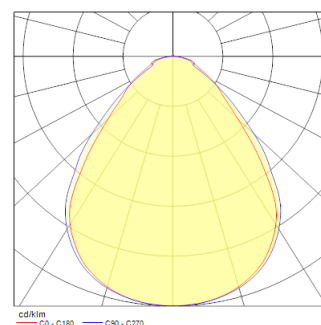
Atouts techniques

Dimensions (mm)



Photométrie

Distance [m]	Cone diameter [m]	Beam angle [°]	Beam diameter [m]	Illuminance [lx]
0.5	0.59	60°	0.59	1596
1.0	1.17	60°	1.17	399
1.5	1.76	60°	1.76	166
2.0	2.34	60°	2.34	99
2.5	2.93	60°	2.93	63
3.0	3.52	60°	3.52	44
3.5	4.11	60°	4.11	33
4.0	4.70	60°	4.70	25
4.5	5.29	60°	5.29	19
5.0	5.88	60°	5.88	15
5.5	6.47	60°	6.47	12
6.0	7.06	60°	7.06	10
6.5	7.65	60°	7.65	8
7.0	8.24	60°	8.24	7
7.5	8.83	60°	8.83	6
8.0	9.42	60°	9.42	5
8.5	10.01	60°	10.01	4
9.0	10.60	60°	10.60	4
9.5	11.19	60°	11.19	3
10.0	11.78	60°	11.78	3



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Données générales

Nom du produit	Quantum 625X625 4700lm 840 DALI
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
Warranty	5 ans

Données optiques

Fixture luminous flux (lm)	4700
Luminaire efficacy (lm/W)	181
Température de couleur (K)	4000
Couleur de lumière	Neutral White
IRC (Ra)	80
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	Yes
Dimming method	DALI-2
Drive current (mA)	600
Courant d'appel (A)	5.6
Inrush Duration (µs)	50
Energy Efficiency Class (A->G) of contained light source	A
Nominal Frequency (Hz)	50/60Hz
LED Flickering Rate	Ultra low (5% or less)
Max. products per 10A C Breaker	37
Max. products per 13A C Breaker	48
Max. products per 16A C Breaker	59
Max. products per 20A C Breaker	74
Max. products per 10A B Breaker	37
Max. products per 13A B Breaker	48
Max. products per 16A B Breaker	59
Max. products per 20A B Breaker	74
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)	620
Largeur (mm)	620
Nominal Product Height (mm)	35
Poids (kg)	2.2

Emballage

Product EAN number	5410288481234
Longueur simple de l'emballage (cm)	69.3
Largeur simple de l'emballage (cm)	3.5
Packaging single depth (cm)	62.5
DUN14 (inner)	15410288481231
Units per outer package	4
Packaging outer length / height (cm)	71.3
Packaging outer width (cm)	16.8
Packaging outer depth (cm)	65.3

Sécurité

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