



A highly efficient classic

Quantum

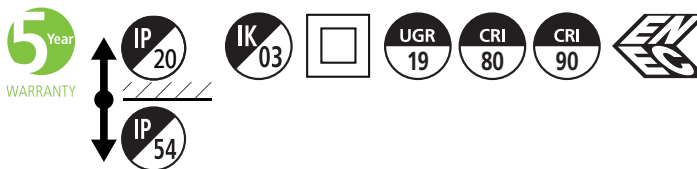
Quantum is a highly efficient range of LED panel luminaires, ideal for offices, meeting rooms, corridors, breakout areas and other general indoor lighting applications including humid areas.

The range features a high IP54 degree of protection on the front side and a Multipower functionality where the luminous flux of the luminaire can be tailored to local needs

during installation by only setting a quick selector switch.

The range also comprises of DALI dimmable and SylSmart® Connected versions.

SylSmart® Connected provides a ready-to-go, open standard, luminaire integrated control system for floor-wide and building-wide use.



Features

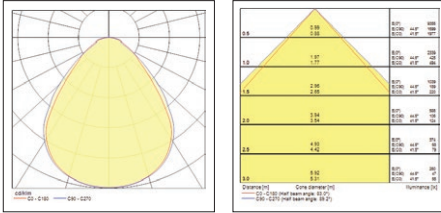
- The range includes 600x600mm, 625x625mm, 1200x300mm and 1200x600mm modules to meet the most common installation applications
- Adjustable lumen output with multipower driver design to meet all office needs with one single product
- SylSmart® Connected is a wireless, intelligent lighting control system designed for office environments, delivering a sustainable solution that prioritizes both energy efficiency and occupancy comfort
- Microprismatic diffuser for low glare and low UGR 19 value for the entire range
- Slim size of 35mm maximum total height - with driver 65mm (DALI & SSA03) / 67mm (Multipower) / 59.5mm (SSA01D)
- Slim size of 35mm maximum total height - with driver 65mm (DALI) / 67mm (Multipower)
- Multipower, DALI, CRI90 and SylSmart® Connected versions create a wide choice for customers
- Equipped with both SylSmart® Connected sensor (SSA03) and driver (SSA01D) options, it ensures optimal performance and user satisfaction
- High efficacy of up to 182lm/W
- Delivers up to 5800 lumen (1200x600mm)
- Coverable with insulation material (Ta max. +25°C)
- Available in Neutral White (4000K) and Warm White (3000K)
- Meets IP54 degree of protection from the front and IK03 degree of impact resistance
- Tp(a) rated diffuser that self-extinguishes within 5 sec when a flame has been removed
- Integrated Loop-in-Loop-out (LILO) function for easy installation
- Safety cables (2 pieces) as additional parts in the package
- SDCM<3
- Long lifespan: 100.000 hours (L80B50)

Product information

Code	Description	Correlated Colour Temperature (K)	Max. Power Consumption (W)	Max. Fixture Lumen (lm)	Max. Luminaire Efficacy (lm/W)	Dimming Method	Nominal Product Height (mm)	Nominal Product Length (mm)	Nominal Product Width (mm)	Colour Rendering Index
Quantum Multipower										
0048108	Quantum 600x600 2200-4400lm 830 MP	3000	26	4400	171	Multi-Power Steps	35	595	595	80
0048106	Quantum 600x600 2300-4700lm 840 MP	4000	26	4700	182	Multi-Power Steps	35	595	595	80
0048110	Quantum 600x600 2200-4300lm 940 MP	4000	26	4300	171	Multi-Power Steps	35	595	595	90
0048118	Quantum 1200x300 2200-4300lm 830 MP	3000	26	4300	171	Multi-Power Steps	35	1195	295	80
0048116	Quantum 1200x300 2300-4500lm 840 MP	4000	26	4500	182	Multi-Power Steps	35	1195	295	80
0048124	Quantum 625x625 2200-4400lm 830 MP	3000	26	4400	171	Multi-Power Steps	35	620	620	80
0048122	Quantum 625x625 2300-4700lm 840 MP	4000	26	4700	182	Multi-Power Steps	35	620	620	80
0048130	Quantum 1200x600 4500-5500lm 830 MP	3000	33	5500	168	Multi-Power Steps	35	1195	595	80
0048128	Quantum 1200x600 4800-5800lm 840 MP	4000	33	5800	178	Multi-Power Steps	35	1195	595	80
Quantum DALI										
0048109	Quantum 600x600 4400lm 830 DALI	3000	26	4400	169	DALI	35	595	595	80
0048107	Quantum 600x600 4700lm 840 DALI	4000	26	4700	181	DALI	35	595	595	80
0048111	Quantum 600x600 4300lm 940 DALI	4000	26	4300	165	DALI	35	595	595	90
0048119	Quantum 1200x300 4300lm 830 DALI	3000	26	4300	165	DALI	35	1195	295	80
0048117	Quantum 1200x300 4500lm 840 DALI	4000	26	4500	173	DALI	35	1195	295	80
0048125	Quantum 625x625 4400lm 830 DALI	3000	26	4400	169	DALI	35	620	620	80
0048123	Quantum 625x625 4700lm 840 DALI	4000	26	4700	181	DALI	35	620	620	80
0048131	Quantum 1200x600 5500lm 830 DALI	3000	33	5500	167	DALI	35	1195	595	80
0048129	Quantum 1200x600 5800lm 840 DALI	4000	33	5800	176	DALI	35	1195	595	80
Quantum SylSmart® Connected										
0048114	Quantum 600x600 4400lm 830 SSA03	3000	28	4400	157	SylSmart®	44	595	595	80
0048112	Quantum 600x600 4700lm 840 SSA03	4000	28	4700	168	SylSmart®	44	595	595	80
0048120	Quantum 1200x300 4300lm 830 SSA03	3000	28	4300	154	SylSmart®	44	1195	295	80
0048136	Quantum 1200x300 4500lm 840 SSA03	4000	28	4500	161	SylSmart®	44	1195	295	80
0048126	Quantum 625x625 4700lm 840 SSA03	4000	28	4700	168	SylSmart®	44	620	620	80
0048115	Quantum 600x600 4400lm 830 SSA01D	3000	28	4400	157	SylSmart®	35	595	595	80
0048113	Quantum 600x600 4700lm 840 SSA01D	4000	28	4700	168	SylSmart®	35	595	595	80
0048121	Quantum 1200x300 4300lm 830 SSA01D	3000	28	4300	154	SylSmart®	35	1195	295	80
0048137	Quantum 1200x300 4500lm 840 SSA01D	4000	28	4500	161	SylSmart®	35	1195	295	80
0048127	Quantum 625x625 4700lm 840 SSA01D	4000	28	4700	168	SylSmart®	35	620	620	80

Pls always check item availability with your sales contact. Some of the items could be available only upon request with a minimum quantity order.
 SSA03 : equipped with bluetooth sensor. SSA01D : equipped with bluetooth node.

Photometric Data



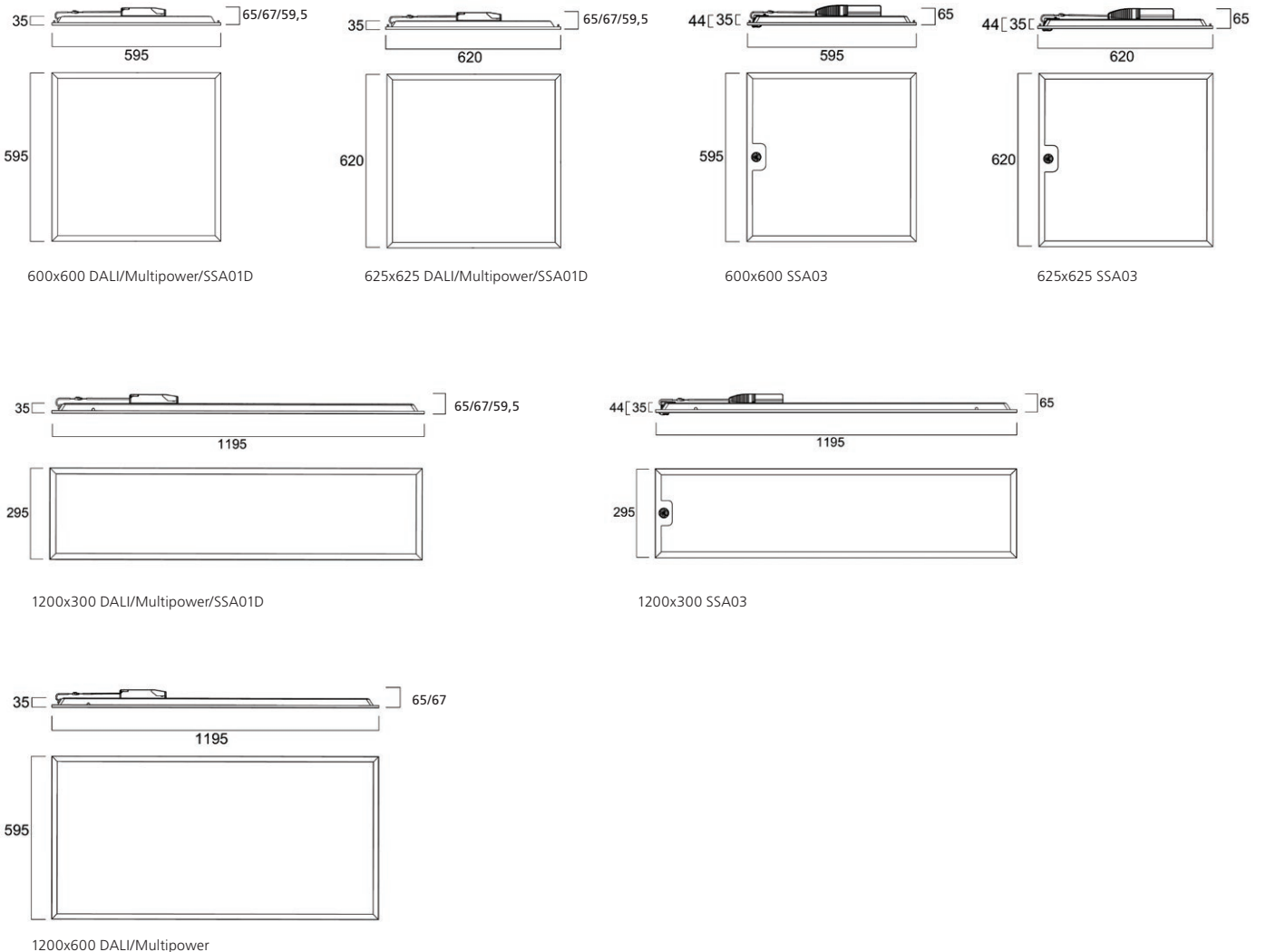
Dip switch function

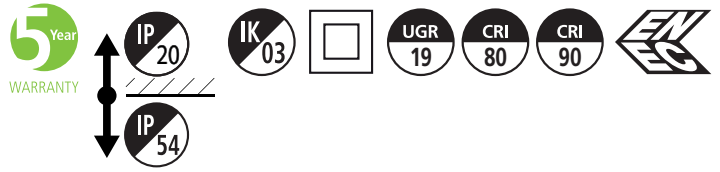
Quantum Multipower

	0048106 0048122	0048108 0048124	0048110 0048118	0048116	0048128	0048130
I [mA]	300	400	500	600	650	700
P [W]	13	17	22	27	29	31
[lm]	2300	3100	3900	4700	4400	4300
[lm]	2200	2900	3700	4500		
[lm]	2200	2900	3700	4500		
[lm]	2300	3100	3900	4700	4800	4500
[lm]					5150	4800
[lm]					5500	5200
[lm]					5800	5500

Factory Settings

Dimensions (mm)





Accessories

Code	Description
0062317	Plasterboard Ceiling Frame 600x600
0062318	Plasterboard Ceiling Frame 625x625
0062319	Plasterboard Ceiling Frame 1200x300
0047547	START Panel Suspension Kit Single Fix
0044613	Surface Mounting Kit 600x600x70mm
0044615	Surface Mounting Kit 625x625x70mm
0044614	Surface Mounting Kit 1200x300x70mm
0044616	Surface Mounting Kit 1200x600x70mm
9146602	LifeSafe EM Pack MT 6-54V LIFEPO4 3H3W RC
9146603	LifeSafe EM Pack DAST 6-54V LIFEPO4 3H3W RC
9041512	SylSmart® B NLC DALI EL-T Converter SSA
0048138	Mounting Clips 4 pcs
0047545	Pull-up Ceiling Bracket*

*Compatible with 600x600 and 1200x300mm

