



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.

Quantum



Features

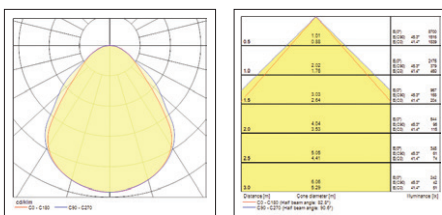
- The range includes 600x600mm, 625x625mm, 1200x300mm and 1200x600mm modules to meet the most common installation applications
- Adjustable lumen output with multipower driver design to meet all office needs with one single product
- SylSmart Connected is a wireless, intelligent lighting control system 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
- Equipped with both SylSmart Connected sensor (SSA03) and driver (SSA01D) options, it ensures optimal performance and user satisfaction
- Slim size of 35mm maximum total height - with driver 65mm (DALI & SSA03) / 67mm (Multipower) / 57mm (SSA01D)
- Multipower, DALI and CRI90 create a wide choice for customers
- High efficacy of up to 161lm/W
- Delivers up to 6000 lumen (1200x600mm)
- 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 Temp (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										
0044658	Quantum 600x600 Multipower 4300lm 830	3000	28	4300	154	Multi-Power Steps	35	595	595	80
0044640	Quantum 600x600 Multipower 4500lm 840	4000	28	4500	161	Multi-Power Steps	35	595	595	80
0044648	Quantum 600x600 Multipower 4500lm 940	4000	35	4500	129	Multi-Power Steps	35	595	595	90
0044660	Quantum 1200x300 Multipower 4300lm 830	3000	28	4300	154	Multi-Power Steps	35	1195	295	80
0044641	Quantum 1200x300 Multipower 4500lm 840	4000	28	4500	161	Multi-Power Steps	35	1195	295	80
0044642	Quantum 625x625 Multipower 4500lm 840	4000	28	4500	161	Multi-Power Steps	35	620	620	80
0044643	Quantum 1200x600 Multipower 6000lm 840	4000	38	6000	158	Multi-Power Steps	35	1195	595	80
Quantum DALI										
0044659	Quantum 600x600 DALI 4300lm 830	3000	28	4300	154	DALI	35	595	595	80
0044644	Quantum 600x600 DALI 4500lm 840	4000	28	4500	161	DALI	35	595	595	80
0044649	Quantum 600x600 DALI 4500lm 940	4000	35	4500	129	DALI	35	595	595	90
0044645	Quantum 1200x300 DALI 4500lm 840	4000	28	4500	161	DALI	35	1195	295	80
0044646	Quantum 625x625 DALI 4500lm 840	4000	28	4500	161	DALI	35	620	620	80
0044647	Quantum 1200x600 DALI 6000lm 840	4000	38	6000	158	DALI	35	1195	595	80
Quantum SylSmart Connected										
0044650	Quantum 600x600 4500lm 840 SSA03	4000	28	4500	161	SylSmart	35	595	595	80
0044651	Quantum 1200x300 4500lm 840 SSA03	4000	28	4500	161	SylSmart	35	1195	295	80
0044652	Quantum 625x625 4500lm 840 SSA03	4000	28	4500	161	SylSmart	35	620	620	80
0044661	Quantum 600x600 4500lm 840 SSA01D	4000	28	4500	161	SylSmart	35	595	595	80
0044662	Quantum 1200x300 4500lm 840 SSA01D	4000	28	4500	161	SylSmart	35	1195	295	80
0044663	Quantum 625x625 4500lm 840 SSA01D	4000	28	4500	161	SylSmart	35	620	620	80

Please always check item availability with your sales contact. Some of the items could be available only upon request with a minimum quantity order.

Photometric Data



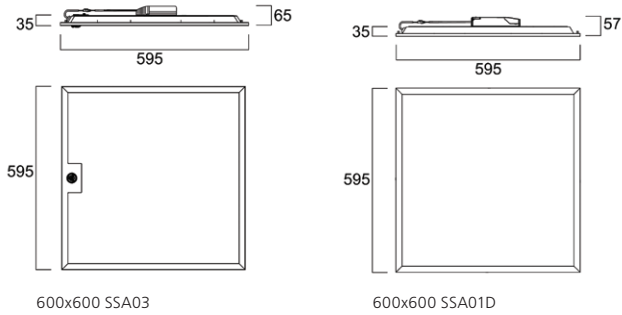
Dip switch function

Dip Switch		Io [mA]	P [W]	[lm]	[lm]	[lm]	[lm]
1	2						
●	○	450	22	3400	3200		
○	○	500	24	3750	3550		
○	●	550	26	4100	3900		
○	○	600	28	4500	4300		
○	○	700	32			5000	
○	○	750	34			5400	
○	○	800	36			5700	
○	○	850	38			6000	
○	○	600	29				3700
○	○	650	31				4000
○	○	700	33				4300
○	○	750	35				4500

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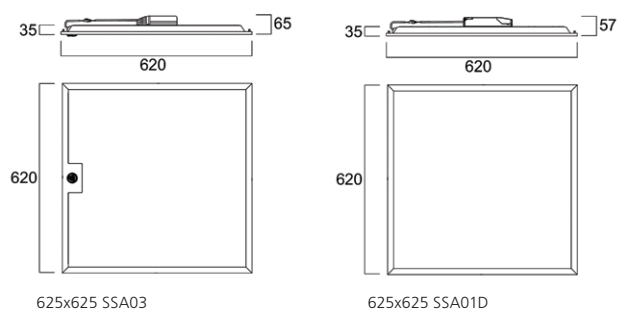


Dimensions (mm)



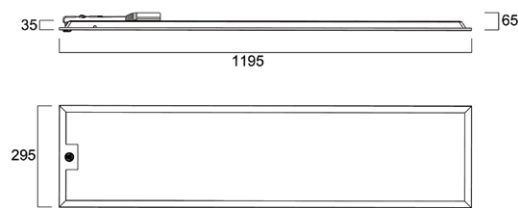
600x600 SSA03

600x600 SSA01D

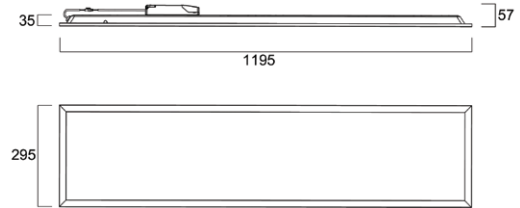


625x625 SSA03

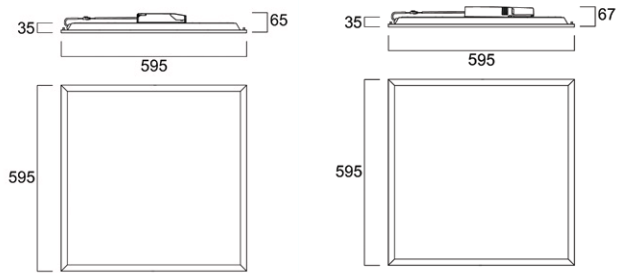
625x625 SSA01D



1200x300 SSA03

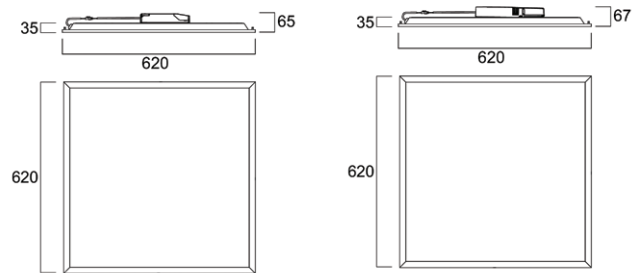


1200x300 SSA01D



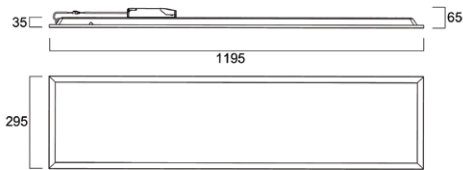
600x600 DALI

600x600 Multipower

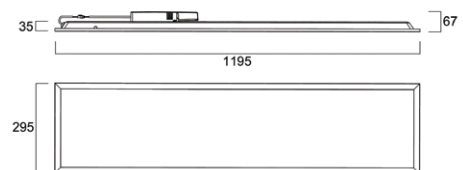


625x625 DALI

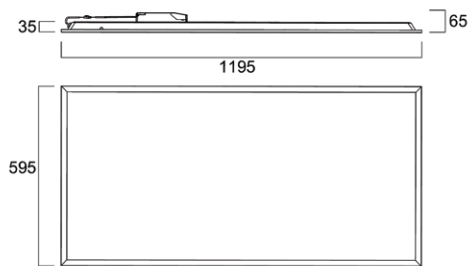
625x625 Multipower



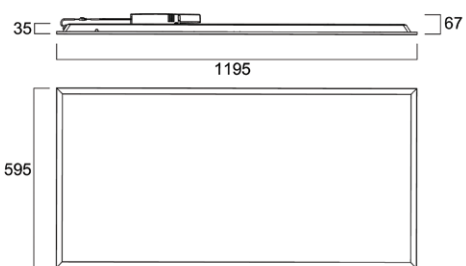
1200x300 DALI



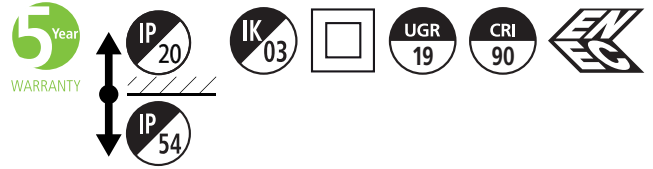
1200x300 Multipower



1200x600 DALI



1200x600 Multipower



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
0047197	Surface Mounting Kit 600x600x70mm
0047199	Surface Mounting Kit 625x625x70mm
0047198	Surface Mounting Kit 1200x300x70mm
0047269	Surface Mounting Kit 1200x600x70mm
0046600	Emergency Pack Standard 6V-55V
0046601	Emergency Pack DALI 6V-55V

Please check accessory compatibility on the website



Additional Images



Quantum SSA03

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Quantum SSA03

Quantum SSA03

