Strand
SPX LED WW

The SPX LED WW uses the latest energy efficient warm white light LED engine to produce an output equivalent to that of a 575W fixture. Its beam is crisp and precise, directing light only where it is intended: thanks to the SPX filter frame system there is zero light leakage, so no additional masking is required. With reduced fan noise, the SPX LED WW is also quieter in operation than comparable LED fixtures.

The SPX LED WW uses the same proven, high-precision, high-performance gate and lens sets as the renowned Selecon SPX Profile fixtures, with secure locking shutters, while other lens sets can be used with the universal lens tube adapter.

With the ability to be dimmed either via DMX or from a conventional forward phase dimmer, the SPX LED WW provides a smooth, stepless fade right down to zero, giving it the perfect dimming credentials for performance lighting.

Targeted primarily at applications such as education, houses of worship and themed environments, the SPX LED WW has been designed to meet the requirements of consultants and specifiers looking for quality, efficient and reliable fixtures to serve as straightforward replacements for conventional profiles.

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FEATURES

- Mains or DMX dimming control with 115V or 230V operating mode selection switch.

- Delivers high output warm white light equivalent to, or greater than a 575 watt tungsten fixed or variable angle profile fixture.

- Interchangeable lens tubes, from 14, 19, 26, 36 and 50 degrees fixed beam angles or 15-35 and 25-50 zoom beam angles.

- Homogenized fully mixed white output light without creating multiple shadows.

- 50,000 hours of life expectancy.

- Out of the box, it may be controlled by simple DMX controllers such as the Philips Strand Lighting 100+ series or similar consoles.

- Advanced modes of operation are also available for more advanced users and consoles.

- Innovative control options for display lighting application where DMX is not available.

- Fixed correlated colour temperature (CCT) for maximum light output.

- Constant CCT balance down to very low light levels irrespective of intensity setting.

- 5Pin XLR connectors for DMX512 Input and Output with 8 or 16-bit control resolution.

- RDM setup of fixture allows device settings to be configured remotely.

- No ultra-violet (wavelengths of less than 400nm) – for UVA, B or C or the Infrared spectrum (wavelengths of more than 775nm).

- Luminaire color: black

- PowerCON True1 power input connector.

- cETLus listed, C-Tick, and CE marked (IP20 Rated)

BENEFITS

- Ability to be dimmed from a conventional forward phase dimmer

- High light output equivalent to a 575W ellipsoidal profile

- Less fan noise in operation

- Zero light leakage

- Selecon "box style" gel holder

- Use of SPX lens sets

- Ability to use other lenses via the universal lens tube adapter

- Step less fade to zero

- Simple connection with PowerCon True 1 and XLR connectors

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SOURCE		
Type	LED	
Wattage (230V)	295W, 1.28A, Calculated at 230V	
Wattage (120V)	295W, 2.46A Calculated at 120V	

OPTICAL PERFORMANCE		
Output lumens	9170 (14°)	
	9187 (19°)	
	9083 (26°)	
	9291 (36°)	
	9489 (50°)	
	8506 (15-35°)	
	8806 (25-50°)	
CRI (Ra)	>=80	
(R9)	>=6	
TM30-15	R_f 82 R_g 95	
TLCI	68	
CIECAM02UCS	82	
Color temperature	2950K	
D_{uv}	-0.0015	
Color coordinates	u' 0.2506 v' 0.5239	
TV flicker free	Yes	

BEAM		
Beam angle	14° lens tube option	
	19° lens tube option	
	26° lens tube option	
	36° lens tube option	
	50° lens tube option	
	15-35° zoom lens tube option	
	25-50° zoom lens tube option	
Typical usable distance	m	ft
	8-28	26-92
Lens tubes	Fixed: 14° / 19° / 26° / 36° / 50°	
	Zoomspots: 15-35° / 25-50°	

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IMAGING

Shutters	4 rotatable
Main dimmable	Full dimming from 0% to 100% (will work best with a dimmer profile)
Controls	Mains dimmable or DMX512-A / RDM
Control modes	Mains dimming
	Choice of 8 bit or 16 bit DMX control modes

ACCESSORIES

Accessories	SPX lens tubes
	Universal lens tube adapter
	Rotatable gobo holder – steel gobos
	Rotatable gobo holder – glass gobos
	Iris

COOLING

Cooling	Fan
Cooling control	Quiet / normal / auto

DATA CONNECTIONS

Connectors	PowerCon True 1 mains Input, 5 Pin XLR male DMX In, 5 Pin XLR female DMX Out on rear of fixture

POWER

Operating voltage	120 / 240VAC (dimmable) 100-240VAC (auto-ranging)	
Frequency	50/60Hz	
Current draw	**120VAC**	**230VAC**
	2.46A	1.3A
Total power consumption	295W	
Quiescent load	20W standby mode <500mW power save mode	

ENVIRONMENT

	°C	**°F**
Operating temperature	0-40°	32-104°

PHYSICALS

IP rating	IP20
Finish	Black
Construction	Extruded aluminium, sheet metal, and molded engineering grade plastic components

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PHYSICALS

		mm	in
Gobo size		B	
Color frame size		mm	in
		158 x 158	6.2 x 6.2

DIMENSIONS

		mm	in
H x W x L	Exc. lens tube	414 x 328 x 380	16 x 13 x 15

WEIGHT

		kg	lb
Weight	Exc. shutter and lens tube	6.2	13.7
	Shutter assembly	2.9	6.4

WARRANTY & APPROBATION

Warranty	3 years
Approvals / listings	CE, ETL/cETL and RCM

380mm / 15in

250mm / 9.8in

674mm / 26.5in
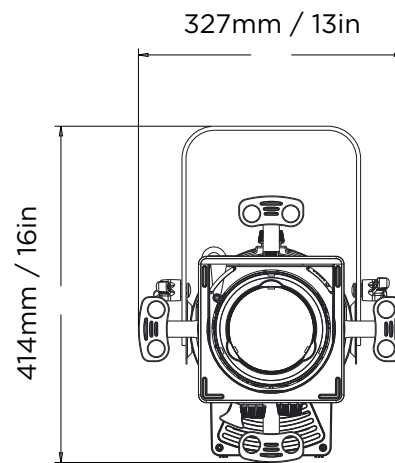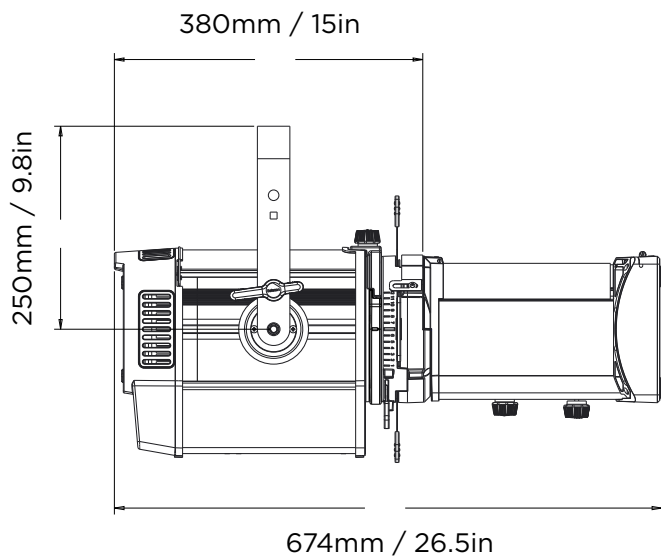
Dimensions shown with 25-50° lens tube

327mm / 13in

414mm / 16in

	Angle	Lens tube length		Total length	
		mm	in	mm	in
Fixed	14°	400	15.7	794	31.3
	19°	310	12.2	704	27.7
	26°	270	10.6	664	26.1
	36°	250	9.8	644	25.4
	50°	200	7.9	594	23.4
Zoom	15–25°	370	14.6	765	30.1
	25–50°	280	11.0	674	26.5

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SPX LED WW	ORDER CODE
Strand SPX LED WW	**12610**

GENERAL ACCESSORIES	ORDER CODE
20IRIS 20-Leaf SPX Iris	**20IRIS**
SPX Gobo Holder, Size B, for Metal Gobos	**SPXGHB**
SPX Gobo Holder, Size B, for Glass Gobos	**SPXGHGB**
SPX Color Frame, Spare	**19PACCF**
SPX Lens Safety, Mesh	**19PACSMFB**
SPX Replacement Color Frame, 6-1/4" Square, Black	**19SPXCF**

LENS TUBES	ORDER CODE
SPX Axial Ellipsoidal 14° Fixed Beam Lens Tube Only	**SPX14LT**
SPX Axial Ellipsoidal 19° Fixed Beam Lens Tube Only	**SPX19LT**
SPX Axial Ellipsoidal 26° Fixed Beam Lens Tube Only	**SPX26LT**
SPX Axial Ellipsoidal 36° Fixed Beam Lens Tube Only	**SPX36LT**
SPX Axial Ellipsoidal 50° Fixed Beam Lens Tube Only	**SPX50LT**
SPX Axial Ellipsoidal 15° to 35° Zoomspot Lens Tube Only	**SPX1535LT**
SPX Axial Ellipsoidal 25° to 50° Zoomspot Lens Tube Only	**SPX2550LT**
Universal Lens Tube Adapter	**PLPF4ULTA**

120V MARKET CABLES	ORDER CODE
SPX LED Series Luminaire AC Power Input Cable (1m / 39in), PowerCON True1 without AC connector (bare end)	**PCT1BE**
SPX LED Series Luminaire AC Power Input Cable (1m / 39in), PowerCON True1 with Stagepin Connector	**PCT1GP**
SPX LED Series Luminaire AC Power Input Cable (1m / 39in), PowerCON True1 with Twistlock Connector	**PCT1GTL**
SPX LED Series Luminaire AC Power Input Cable (1m / 39in), PowerCON True1 with Edison Connector	**PCT1GR**

230V MARKET CABLES	ORDER CODE
SPX LED Series Luminaire AC Power Input Cable (1m / 39in), PowerCON True1 without AC connector (bare end)	**PCT1BE**

SOFTWARE	ORDER CODE
USB Luminaire Software Programming Kit (for updating or reloading luminaire software only) - includes USB Dongle, QuickStart Guide, and Carry Bag	**PEGASUS**