LS-4.6 LED Screen

Specifications			
	Output	Pixel Pitch	4.615mm
		Light Source	104 x 104 pixel, 3in1 SMD 2427 LEDs
		Total pixel per panel	10,816 pixels
		Total pixel per sqm	46,944 pixels
		Light output	900 cd/nits per sqm
		Color temperature	6500K
		LEDs expected lifetime	50,000 hours*
	Optics	Viewing angle	140° H
	Features	Contrast ratio	1,600:1
		Refresh rate	2,880 Hz
		Frame rate	60 frames / second
		Grey scale	14bit
	Electrical	SMPS	100 - 240 V Nominal 50/60 Hz
		Typical power consumption	60W per panel
			260W per sqm
		Max. power consumption	100W per panel
			434W per sqm
		Interconnected	Max. 16 panels at 240VAC / 8 panels at 100VAC
	Programming and Control	Control system	Asynchronous video signal (RJ45)
		Scaler input signals	Composite, YUV, YC, DVI, HDMI, VGA, SDI, HDSGI, 3D HDSDI
		Communication interface	RD-232 / RS-422 / RS-485
	Physical	Dimensions (L x H x W)	480 x 480 x 80 mm (18.9 x 18.9 x 3.1 in.)
		Weight (per panel)	8.5 kg (18.7 lbs.)
		Weight (per sqm)	37 kg (81.6 lbs.)
		Material	Die casting aluminium
	Installation	Rigging possibilities	Suspended with half coupler system
		Rigging limitations	Maximum 22 panels vertical**, no limitations horizontal
	Thermal	Temperature range, Operating	-10° to 50° C (-14° to 122° F)
		Temperature range, Start-up	-10° to 50° C (-14° to 122° F)
		Humidity	10-90%RH
		IP class (Front/Rear)	IP43/IP40
		Cooling	Passive, no noise
	Connectors	Connections	Neutrik power input and linkthru / RJ45 input and linkthru for data
	Certification	EU Safety	EN60950-1
		EU EMC	EN55022, EN55024, EN61000-3-2, EN61000-3-3
	Included Items	Included items	Order no: 80040009 - LS-4.6 LED Panel with Neutrik power connector (black front)
			Order no: 82050502 - Flightcase for 6pcs of LS LED modules
	Fixture and Accessories	Fixture	Order no: 80040009 - LS-4.6 LED Panel with Neutrik power connector (black front)
		Power cables	Order no: 83062030 - Power link cable 100cm with Neutrik connector
			Order no: 83062031 - Power input cable 15m with Neutrik connector
		Data cables	Order no: 83062016 - Data link RJ45 cable 100cm
			Order no: 83062017 - Data link RJ45 cable 15m
		Controllers	Order no: 80070222 - MCTRL-300 for control of up to 1.3mill pixels
			Order no: 80070225 - MCTRL-610 for control of up to 2.3mill pixels
		Extender kit for controllers	Order no: 80070226 - CVT320 Fibre Optic RJ45
		Scaler	Order no: 80070224 - Scaler, VSP-550DS
		Lightsensor	Order no: 80070227 - Lightsensor for MCTRL controller series
		Calibration System	Order no: 80070223 - LS-LDC Led Display Calibration System
		Rigging	Order no: 83060607 - Rigging Boom
			Order no: 83060608 - Rigging Boom with halfcoupler
		Flightcase	Order no: 82050502 - Flightcase for 6pcs of LS LED modules, Black
			Order no: 82050503 - Flightcase for LS accessories, Grey

*(Figure provided by manufacturer and obtained under manufacturer's test conditions)

** Special rigging hardware required, when rigging more than 15 panels.