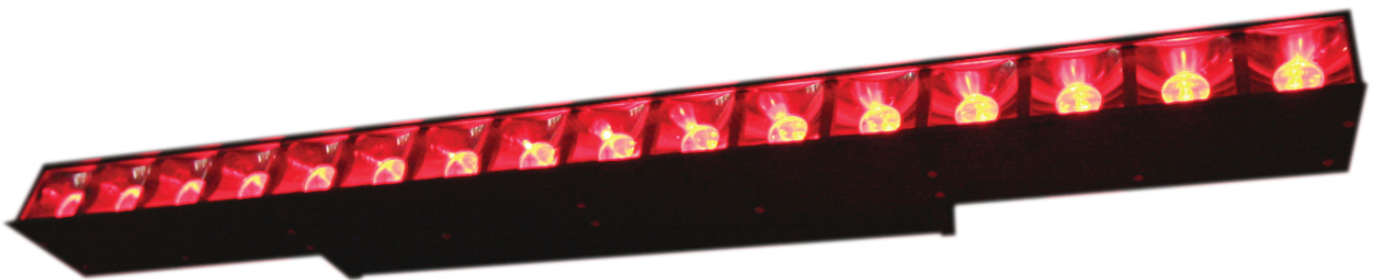# XOLAR™ LT

The Xolar LT is a linear long-throw fixture with a total beam angle of 3 degrees. It contains 16 segments either in individual, sectional or a single unit which is controlled through the industry standard DMX512 and the Xilver serial interface. Each segment uses Xilver¹s unique and patent pending color-combining system. This system produces a homogeneous colored beam and can integrate external effect filters, lenses and optional diffusers.

The Xolar LT linear fixture is horizontally or vertically stackable when using the Xilver integrated-rigging system. When stacked horizontally, the Xolar LT can be adjusted and angled to form a "light-array" . In addition, with a specific diffusion filter, the 3 degrees beam angle can be transformed into an homogenously and a wide-viewing angle surface on all 16 segments. The "light-array" can be transformed into a "video-array", due to the fact that the Xolar LT consists of 16 defined segments of pixels on a 75mm grid.

XILVER™

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XOLAR™LT

Specification

Light Source	
LED Source	48 Luxeon high power LEDs (16x1 Watt Red,16x1 Watt Royal Blue,16x2 Watt Green)
Color system	Unique Xilver™Color Combining System creating 16,7 million homogeneous colors without multi color
	No IR/UV Radiation
Average Lifetime	Xilver Products utilize high brightness LEDs (10 years life span = 100.000 hours)
Lumen Maintenance	70% at 50.000 hours.

Optics	
	Standard beam angle 3º

Physical	
Length x Height x Width	1200 mm (46,8inch) x 75 mm (2,9 inch) x 150 mm (5,9)
Weight	Actual: 9 kg (19,8 lbs) Shipping:: 9,5 kg (20,9 lbs)
Shipping dimensions	1250 mm x 80 mm x 155 mm (49inch x 3,14 inch x 6,10 inch)
Fixture Colors	Silver (RAL9006) and Black (RAL9005)
Housing	Anodized aluminium.
Ingress Protection Rating	IP65

Temperature	
Operational temperature	Min. 0ºC (32F) Max. 60ºC (140F)
Environment temperature	Min. 0ºC (32F) Max. 40ºC (104F)
Storage temperature	Min. -10ºC (14F) Max. 60ºC (140F)
Cooling	Convention Cooled

Maintenance	
	No replacement of light source required. Closed optical compartment keeps out dust and ensures low m

Electrical specifications	
Input	100-230 VAC/50-60 Hz
Power consumption	Max. 150Watt
Power factor	0,8

Control	
DMX-512	Completely compatible with a wide variety of DMX-512 consoles
Addressing	Xilver™Addressor infrared remote control
Number of DMX Channels	Maximum 52 Channels and 50 different modes

Programmable Functions

Strobe	A high-performance strobe system capable of ultra-fast operation through strobe frequency (1-25 fps) &
Dimmer	Dimmer for adjustment of light output from 0 to 100% with no color variation.

Wiring	
CombiConnector Option	Power & Data combined in one connector: 3x1.5mm² & DMX. IP65 Outdoor proof.
	Bayonet CombiConnector In & Out provided.
	IP65 Outdoor proof.
DMX & Power Option	DMX-512 5 Pin In & Out
	100-240 VAC/50-60 HZ In & Out
	This option is not IP65 thus not outdoor proof.

Xolar™LT Accessories	
	Flying System to fit Xilver integrated-rigging system out.
	Filters
	Diffusers

Accessories

Item	Item Code	Item	Item Code
XOLAR™		**XOLAR™ACCESSORIES**	
Xolar™LT Black	107006	CombiCable Power & Data (3x1,5mm2) per meter	3004
Xolar™LT Silver	107007	CombiConnector Bayonet IP67 Male	3005
		CombiConnector Bayonet IP67 Female	3006
		Combiconnector - Shuko & DMX 5 pin Output Adapter	3009
		Combiconnector - Shuko & DMX 5 pin Input Adapter	3015
		Combiconnector - DMX 5 pinOutput Adapter	3015
		CombiConnector - Line End Cover with Integrated Terminator	3016
		Xolar™Flying System	3016