



LT-100

3D LED tubes



Description

The LT-100 is a pixel tube designed to create immersive outdoor or indoor video and light installations. It is fully prepared for pixel mapping and media control. These transparent IP65-rated LED tubes have a wide viewing angle and can be used to create alluring 3D spatial effects. This makes them suitable for a wide range of applications, including touring, TV scenography, theme parks, exhibitions, video art, clubs, shopping malls, or just about any fixed or temporary installation.

Features and benefits

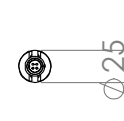
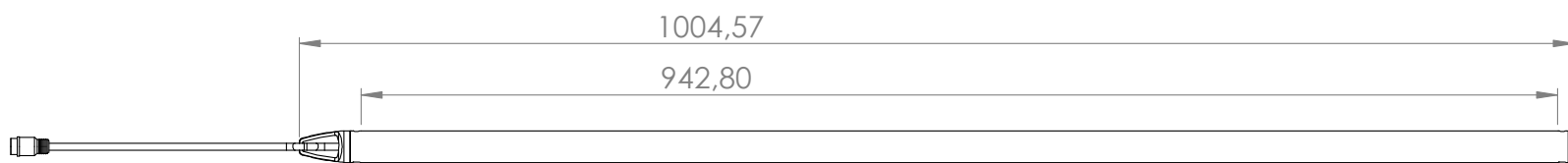
- ✓ IP65-rated RGB pixel 3D graphic LED tube
- ✓ 2 x 130° viewing angle
- ✓ 35mm pixel pitch
- ✓ Practically maintenance-free
- ✓ 2 x 27 pixels per tube
- ✓ DMX control through TLD-612A / ILD
- ✓ 1-meter length per tube
- ✓ Up to 81 controllable DMX channels

Certifications & classifications

IP65

RoHS





Specification

Optical Data	LED expected lifetime	50,000 hours
	Lightsource	27 x 2 RGB LEDs
	Pixel Pitch	35 mm
Photometric	Efficacy	25 lm/W
	Light output all LEDs on	510 lm
Physical	IP class	IP65
	Lens material	Standard lens, acrylic tube
	Material	Acrylic and aluminium
	Net dimensions	1006 x 27 mm
	Net dimensions inches	39.6 x 1.1 inches
	Net weight	0.33 kg (0.7 lbs)
Features	Addressable pixels	27
	Dimming	Electronic
	View angle	2 x 130°
Electrical	DC power, nominal	12 VDC
	Typical power consumption	20 W
Programming and Control	DMX channels	81
	Drivers	TLD-612 ILD-612 A ILD
	Protocol	USITT DMX512A
Connections	Data / Power input	Female locking 4-pin RS-765
Installation	Orientation	Any
	Rigging possibilities	Top bracket for hanging
	Safety features	Possibility for safety wire thru top bracket
Thermal	Cooling	Passive
	Humidity (max.)	98 %
	Temperature range, Operating	-40°C to 50°C

	Temperature range, Start-up	-20°C to 50°C
	Temperature range, Storage	-40°C to 80°C
Included items	Included items	User Manual
Conforms To	CE - 2014/30/EU: EMC Directive	EN 61547 EN 55022 EN 61000-6-3 EN 55024
	RoHS2 Directive	2011/65/EU

NOTES:

Due to continuous improvements and innovations, specifications may change without notice.

LEDs' expected lifetime provided by manufacturer and obtained under manufacturer's test conditions.

Zoom range defined as a minimum beam angle to a maximum field angle.

Photometric measurements obtained with Goniometer Scan / SGM Illumination Lab 1.6.0.0.

Lumen output in pixel products is calculated.

Ordering information

Qty	Product name	Item number
☐	LT-100 IP - Led tube 1m (27 pixels)	80080015
☐		
	Accessories	Item number
☐	TLD-612A	80070221
☐		



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