



RIGIDTUBE™



IP65 WATERPROOF
3D SHAPE CREATION
PIXEL EFX READY
360° LIGHT OUTPUT

- 24 Pixels per Meter
- Full RGBW Color Mixing
- EFX & Ambient Light Applications
- Solid and Lightweight Construction
- Floorstand, Wall or Truss Mounting
- Custom Lengths Possible

RIGIDTUBE are a series of IP65-rated pixel tubes engineered for professional indoor and outdoor productions. Featuring full 360° illumination and individually controllable RGB or RGBW pixels, RIGIDTUBE delivers exceptional color accuracy and vibrant pixel-mapped effects for creative visual installations, ambient lighting, and dynamic video effects content.

Modular end-to-end connectors make it easy to create custom 2D and 3D geometric configurations, while optional floor stands, stand-mount adapters, and truss mounting accessories provide maximum installation flexibility. Lightweight, durable, and weather-resistant, RIGIDTUBE is ideal for touring, rental, live events, broadcast, architectural, and immersive entertainment applications.

TECHNICAL SPECIFICATIONS

Control and Programming

SPI / SK6812
LumiOS AURA Protocol
Zone Pixel Mapping

Typical Power and Current

Operating Voltage: 24VDC
Power Consumption: 24VA per M
Operating Current: 1.0A per M

Physical

Length: 1m or 2m standard
(custom lengths optional)
Diameter: 40mm
1m Weight: 0.32 kg (0.70 lbs)
2m Weight: 0.56 kg (1.23 lbs)

Optics

Beam Angle: 360°
Diffuser: Opaque White Tube
Scan Rate: 1500 Hz

Construction

Color: Opaque White Body + Metal Endcaps
IP Rating: IP65

Connections

Data/Power: 4-pin IP65 Canon Connectors

Light Source

1.0m: 144 RGBWW LEDs (24 Zones)
2.0m: 288 RGB LEDs (48 Zones)
White LED CT: 3200°K

Accessories

Various Mounting Brackets
Various Connecting Joints
Various Cables

Warranty

2 year warranty on parts
and labour

Designed and Engineered in





RIGIDTUBE™



IP65 Waterproof

ACCESSORIES:



Connectors



Threaded Ball



Tripod Endcap



Floor Stand

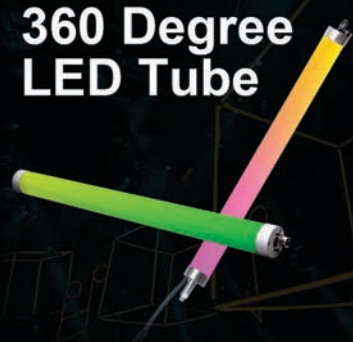


Control



Cables

360 Degree
LED Tube



ORDERING INFORMATION	
RIGID TUBES	
RIGIDTUBE-RGBWW-1M	1m 24-Pixel RGB+WW 360° Tube
RIGIDTUBE-RGB-2M	2m 48-Pixel RGB 360° Tube
CONNECTORS	
RIGIDTUBE-CONNECTOR	Straight Threaded Coupler
RIGIDTUBE-EYEBOLT	Eye Bolt Connector Fitting
RIGIDTUBE-TRIPODCAP	End Cap for Tripod Fitting
RIGIDTUBE-THREADBALL	18-Way Threaded Ball
RIGIDBAR-FLRSTAND	Vertical Floor Stand
CONTROL	
HUB	Network to Pixel Controller
AURALITE	Aura Node Lite Pixel Controller
AURANODE	Aura Node Network Pixel Controller

ORDERING INFORMATION	
DISTRIBUTION	
NODE ePIXEL4	DMX Network 4-Port Pixel Node
CABLES	
RIGIDTUBE-CABLE-T	T-Tap Cable
RIGIDTUBE-CABLE-5T	T-Tap Cable, 5 Taps
RIGIDBAR-CABLE-90D	0.3m (12") Cable with 90° Connectors
RIGIDBAR-CABLE-0.6M	0.6m (24") Cable
RIGIDBAR-CABLE-1M	1.0m (3.5') Cable
RIGIDBAR-CABLE-2M	2.0m (6.5') Cable
RIGIDBAR-CABLE-3M	3.0m (10') Cable
RIGIDBAR-CABLE-5M	5.0m (16.5') Cable
RIGIDBAR-CABLE-FM	Female Cable Connector to Open Ends