RIGIDBAR RGBW™

LUMIOS LIGHTING SYSTEMS



IP65 WATERPROOF
VIDEO PIXEL READY
CHOICE OF COVERS
CREATIVE SHAPES

- 64 Pixels per Meter
- High CRI RGB+WW LEDs
- Video or Ambient Light Applications
- Solid Lightweight Contruction
- Floorstand, Wall or Truss Mounting
- Connect Fittings for Shape Creation

RIGIDBAR RGBW is a high-performance, IP65-rated outdoor 64-pixel video bar engineered for exceptional visual creativity and reliable operation in demanding environments. Featuring end-to-end connectivity for seamless linking and geometric shape creation, and a range of accessores for stand or truss mounting enhances versatility. Designed for precise color accuracy and smooth pixel mapping, the RIGIDBAR series delivers outstanding performance for video playback, immersive visual installations, dynamic lighting effects, and ambient illumination.

Technical Specifications

Control and Programming
SPI / SK6812
LumiOS AURA Protocol
64-Zone RGBW Pixel Mapping

Power Consumption
Maximum: 22W@1m, 11W@0.5m, 7.5W@0.3m
Operating Voltage: 24VDC

Light Source
1.0m: 64 x 0.3W RGB+WW LEDs
0.5m: 32 x 0.3W RGB+WW LEDs
0.3m: 19 x 0.3W RGB+WW LEDs
PWM Scan Rate: 1.2 KHz
CRI >90

Optics
Flat/No Diffuser:	120°	
Square Diffuser:	270°	(18x18.5mm)
Round Diffuser:	330°	(27x30.2mm)

Construction
Available Colors: Black
IP Rating: IP65

Connections
Data/Power: 4-pin IP65 Canon Connectors

Dimensions (without diffuser)
1.0m : 1000x 18 x 18.5mm (LxWxH), 0.56 kg
0.5m : 500 x 18 x 18.5mm (LxWxH), 0.32 kg
0.3m : 300 x 18 x 18.5mm (LxWxH), 0.22 kg

Accessories
Choice of Cover/Diffuser
Various Mounting Brackets
Various Connecting Joints

Warranty
2 year warranty on parts and labour

Designed and Engineered in

RIGIDBAR RGBW™

Accessories:


Truss Clamp


Wall Bracket


6-Way


4-Way


T-Connector


Straight


90-Degree

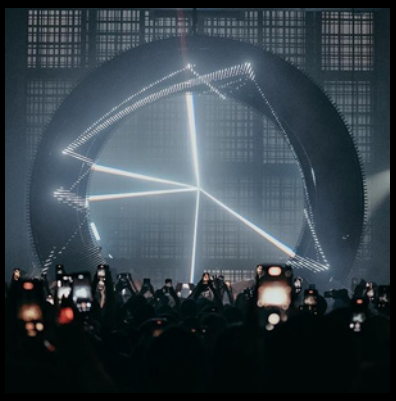

Variable Deg

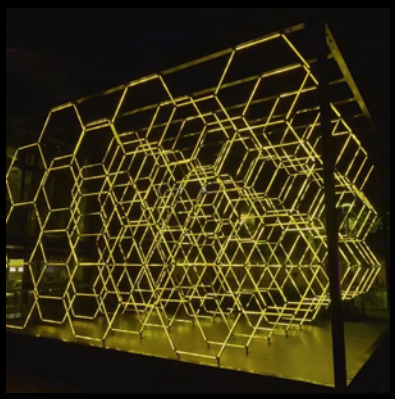

Tripod Mount


Floor Stand


Control


Cables







ORDERING INFORMATION	
RIGID BARS	
RIGIDBAR-RGBWW-1M	1m 64-Pixel RGB+WW Bar
RIGIDBAR CABLES	
RIGIDBAR-CABLE-5M	5.0m (16.5') Cable
RIGIDBAR-CABLE-3M	3.0m (10.0') Cable
RIGIDBAR-CABLE-2M	2.0m (6.5') Cable
RIGIDBAR-CABLE-1M	1.0m (3.5') Cable
RIGIDBAR-CABLE-0.6M	0.6m (24") Cable
RIGIDBAR-CABLE-90D	0.3m (12" Cable with 90° Connectors
RIGIDBAR-CABLE-FM	Female Cable Connector to Bare Ends
CONTROL	
HUB	Hub DMX over Network Pixel Control
AURANODE	Aura Wireless Network Pixel Node
NODE ePIXEL4	DMX Network 4-Port Node
NODE ePIXEL4-P500	DMX Network 4-Port Node w/500W Psu

ORDERING INFORMATION	
RIGIDBAR COVERS	
RIGIDBAR-BFC-100	Black Flat Cover, 1m
RIGIDBAR-WRC-100	White Round Diffuser, 1m
RIGIDBAR-WSC-100	White Square Diffuser, 1m
RIGIDBAR CONNECTORS	
RIGIDBAR-6WC	6-Way Star Connector
RIGIDBAR-904WC	4-Way X Connector
RIGIDBAR-90TC	3-Way T Connector
RIGIDBAR-90AC	2-Way 90° Connector
RIGIDBAR-VAC	2-Way Variable Connector
RIGIDBAR-STRCON	2-Way Straight Connector
RIGIDBAR-HTOVTRIPOD	1-Way HtoV Tripod Connector
RIGIDBAR-FLRSTAND	Vertical Floor Stand
RIGIDBAR-WC	Wall Brackets
RIGIDBAR-CLAMP	50mm (2") Truss Clamp