LUMIOS®
LIGHTING SYSTEMS

RIGIDBAR RGBW™



IP65 WATERPROOF
VIDEO PIXEL READY
CHOICE OF COVERS
EASY 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
ArtNet™/sACN™ Streaming w/LumiOS Node
Opt Wireless 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
0.3W RGB+WW LEDs
Quantity: 64@1m, 32@0.5m, 19@0.3m
Brightness: 2522 cd/m² (nits)
Color Temp: 3200°K (white), 5200°K (full on)
Scan Rate: 1.2 KHz PWM
Greyscale: 8-bit (256)
White LED CRI >90

Optical Coverage
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:





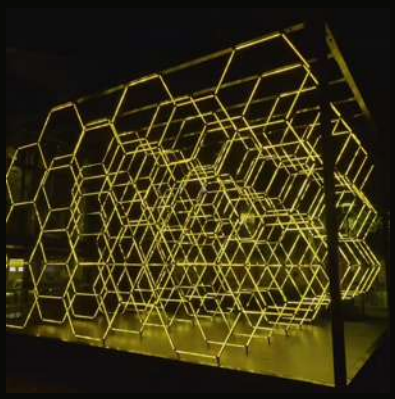













ORDERING INFORMATION	
RIGID BARS	
RIGIDBAR-RGBWW-1M	*1m 64-Pixel RGB+WW Bar*
RIGIDBAR CABLES	
RIGIDBAR-CABLE-5M	*5.0m (16.5') Cable*
RIGIDBAR-CABLE-3M	*3.0m (10.0') Cable*
RIGIDBAR-CABLE-2M	*2.0m (6.5') Cable*
RIGIDBAR-CABLE-1M	*1.0m (3.5') Cable*
RIGIDBAR-CABLE-0.6M	*0.6m (24") Cable*
RIGIDBAR-CABLE-90D	*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*