



NEON TUBE™

RGB+WW COLOR MIXING
360° ILLUMINATION
IP65 ENVIRO RATING
10 PIXEL ZONES PER M



- 24V DC and ~30W per Meter
- White or Black Unlit Color
- 25mm Diameter - 50mm Bend Radius
- Safe Indoor/Outdoor Operation to -20°C

NEON TUBE is a premium, flexible LED tube solution engineered to deliver completely uniform 360° illumination with exceptional color saturation. Available in elegant opaque white or black finishes, it features 10 individually controllable pixel zones per meter and IP65-rated construction, making it ideal for both indoor

and outdoor architectural, entertainment, signage, and creative lighting applications. Operating on 24 VDC and consuming only 30 W per meter, NEON TUBE combines energy efficiency with straightforward installation and operates safely across a wide temperature range of -20°C to +50°C for confidence in virtually any climate.

TECHNICAL SPECIFICATIONS

Control

Modes: SPI
Channels: (4) R-G-B-WW

Light Source

LED Type: SMD4040 RGB+WW
Driver IC: WS2814F
LED Quantity: 240 Pcs
Pixel Zones: 10-Pixels per Meter

Optics

Beam Angle: 360°
White CT: 3000°K
Greyscale: 256

Power Requirements

Voltage: 24V DC
Power Draw: 30W per Meter

Physical

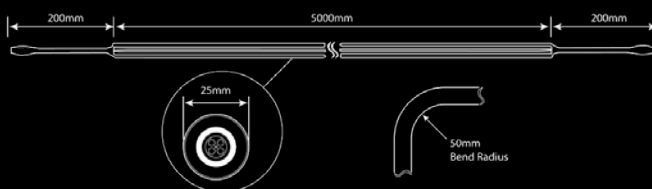
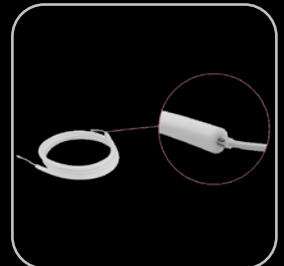
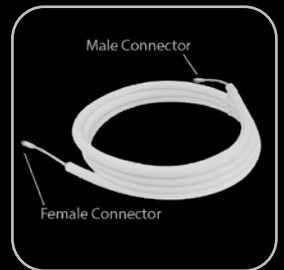
IP Grade: IP65
Cut Length: 0.5 m Intervals
Conductors: 4-conductor (2 power + 2 data)
Working Temp: -20°C to +50°C
Unlit Color: White or Black
Dimensions: Ø 25mm x 5m Roll
Bend Radius: 50mm

Approvals

Use approved Low Voltage supply.
Use approved Lumios NODE ePIXEL controls.

Warranty

2-year Limited Warranty
(parts & labor)



Designed and Engineered in



www.lumiosled.com

