



NEON FLEX™



RGB+WW COLOR MIXING
160° ILLUMINATION
IP65 ENVIRO RATING
60 PIXELS PER METER

- 12V DC and <20W per Meter
- cULus 2108 Joint CAN/US Standard
- 16x16mm Profile - 50mm Bend Radius
- Safe Indoor/Outdoor Operation to -25°C

NEON FLEX is a commercial-grade flexible LED neon strip solution engineered to deliver diffused color-rich uniform illumination with a wide 160° viewing angle. Featuring bright RGB+WW color mixing, 60-pixels per meter, IP65 environmental rating, cULus approvals, and safe operation to -25°C, all make NEON FLEX ideal for

both indoor and outdoor architectural, entertainment, signage, and creative lighting applications. Built with high-output LEDs mounted on a flexible PCB, NEON FLEX can be segmented in 0.5-meter increments and formed into tight curves providing outstanding design flexibility for complex installations.

TECHNICAL SPECIFICATIONS

Control

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

Light Source

LED Type: SMD5050 RGB+WW
Driver IC: SK6805-IC
LED Quantity: 300 Pcs
Pixel Zones: 60-Pixels per Meter

Optics

Beam Angle: 160°
White CT: 3000°K
Greyscale: 256

Power Requirements

Voltage: 12V DC
Power Draw: 19.2W per Meter

Physical

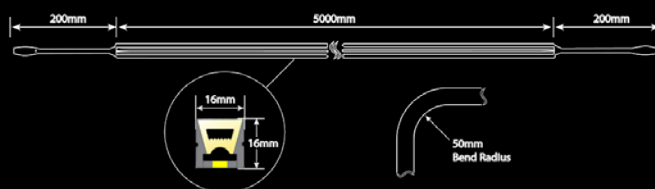
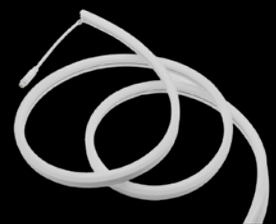
IP Grade: IP65
Cut Length: 0.5 m Intervals
Conductors: 4-conductor (2 power + 2 data)
Working Temp: -25°C to +50°C
Unlit Color: White
Dimensions: 16mm x 16mm x 5m Roll
Bend Radius: 50mm

Approvals

cULus 2108, Joint Can/UA Standard
meets CSA C22.2 No.250-0 & 250-2 Standards

Warranty

2-year Limited Warranty
(parts & labor)



Designed and Engineered in



www.lumiosled.com

