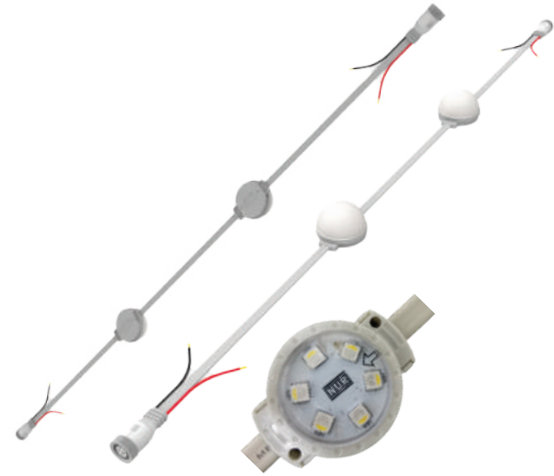


# SMARTPHONE-CONTROLLED PERMANENT ADDRESSABLE SPI DIGITAL RGB OUTDOOR HOLIDAY LIGHTS

## DESCRIPTION:

The Smartphone-Controlled Permanent Addressable SPI Digital RGB Outdoor Holiday Lights feature advanced SPI parallel bus technology for smooth, vibrant color transitions. Each LED pixel operates independently, offering precise control with up to 4096 grayscale levels. Designed for both indoor and outdoor applications, these lights are ideal for architectural lighting, shopping malls, festive decorations, and landscape illumination. With flexible installation options and a durable weatherproof design, they ensure long-lasting performance.



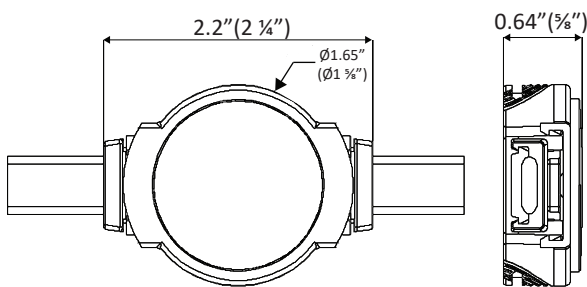
## FEATURES:

- Advanced SPI Technology – Ensures efficient parallel communication for seamless color effects.
- Tool-Free Clip-On Connection – Quick and secure installation without connectors.
- High Thermal Conductivity & Waterproofing – Fully sealed with German-imported adhesive for durability.
- Built-In Protection – Features outdoor lightning protection and electrostatic discharge (ESD) safeguards.
- Versatile Mounting Options – Supports installation with aluminum profiles, steel wire, or front clips.

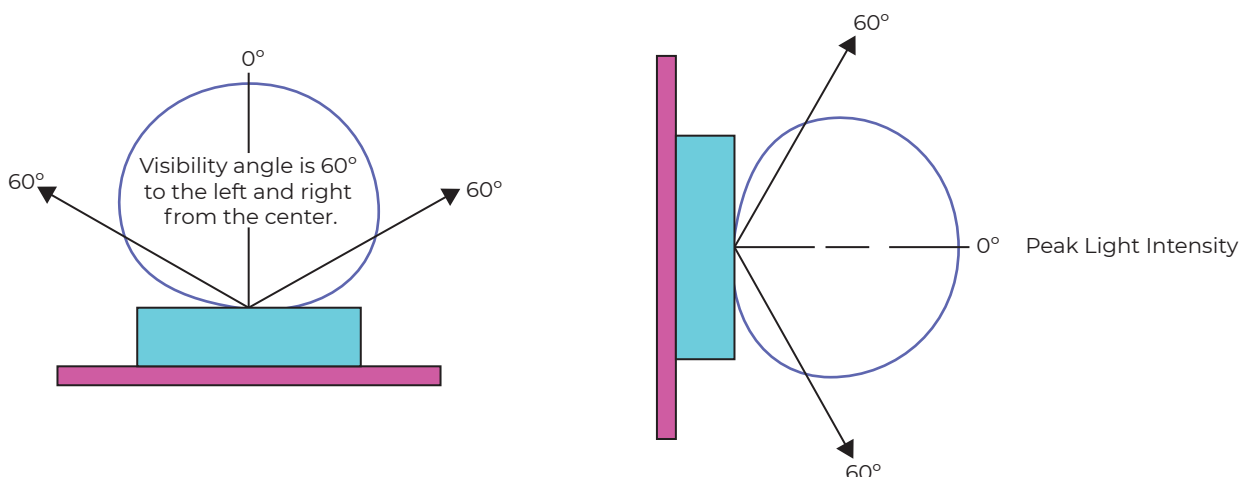
## APPLICATIONS:

- Architectural façade lighting
- Outdoor holiday and festive decorations
- Shopping mall and commercial lighting
- Event and party illumination
- Landscape and pathway lighting

## DIMENSIONS:



## LIGHT INTENSITY DISTRIBUTION:



## TECHNICAL SPECIFICATIONS:

Color	RGB (Red, Green , Blue , Color-changing)
Working Voltage	DC 24V
Wattage	1.5W per pixel
Light Source	6 pcs SMD5050 LEDs
CRI (Color Rendering Index)	80
Control	SPI protocol with TM1814 IC
Gray Scale	8-bit / 16-bit
Lifespan	50,000 hours
RDM Support	Optional
LED Chip Brand Options	Cree, OSRAM, Lumileds, Epistar, etc.
Lens Cover Options	Transparent, Opal, Crystal (PC material)
Housing Material	PC + ABS
Weight	0.077 lbs
Operating Temperature	-40°F to 140°F
Storage Temperature	-40°F to 158°F
Ingress Protection (IP Rating)	IP65 (Dust-tight and water-resistant)
Luminous Flux	25 LM/W (RGB)
Central Light Intensity	≥15 cd (RGB)
Beam Angle	≥110°
Dimensions	Ø1.65 x 2.2 x 0.64 inches (Dia x H, excluding mounting bracket)
Total Lights	30 pixels per string
String Length	32 ft
Installation Option	Aluminum profile

## ACCESSORIES (SOLD SEPARATELY):

- **Aluminum Mounting Track for Permanent Addressable RGB Holiday Lights**

- SKU: HOL-AL-TRK-PIX-W
- Durable aluminum construction with a sleek white finish
- Pre-cut circular cutouts for quick and easy installation
- Weather-resistant design for year-round outdoor use
- Provides a secure hold and precise alignment for LED holiday lights
- Customizable length for seamless decorative setups
- Measures 6.4 ft in length, 1.97 in width, and 0.98 in thickness
- Made from high-quality aluminum with a white finish
- Features 3 pre-cut holes per 39.37 inches for easy mounting
- Designed with weather-resistant properties for long-lasting durability

- **Digital RGB/RGBW/Music Smart LED MAGIC Controller**

- SKU: CONT-DIGI-SP107E
- Voltage: DC5V~24V
- Current 20mA~130mA
- Remote Distance: 3.28ft

