



**Product Description**  
**LED Flexible Strip Tape**



## DEFINITION SERIES: Normal Brightness Range

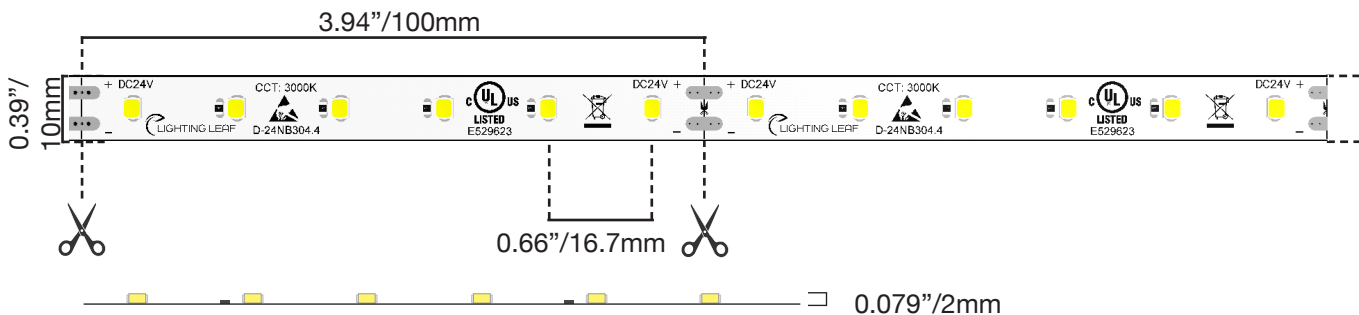
Higher CRI and brightness levels of true vibrant critical color functional light (CRI 95+). Visual acuity as Ambient, Accent or Task lighting that enhance design eliminates for any space.

## Specifications

Input Voltage	24 VDC
Power	4.4W/FT
CRI (Ra)	95+
Lumen	300-360LM/FT
Beam Angle	120 Degree
Environment	IP20
Max Run Length	16.4FT
Reel Length	16.4FT



## Dimensions





## CCT Kelvin Available

### Model Number Code

D	24NB	XX	4.4
Series	Voltage	Brightness	Color Temp Watts

2700K

D-24**NB27**4.4  
Normal Brightness 2700K

3000K

D-24**NB30**4.4  
Normal Brightness 3000K

4000K

D-24**NB40**4.4  
Normal Brightness 4000K

## Recommended Connectors



## Connector Specifications

T-T2P	Tape to Tape 2PIN Connector
T-W2P	Tape to Wire 2PIN Connector
ST-T-W2P	Screw Terminal Tape to Wire 2PIN Connector
HDT-W2P	High Density Tape to Wire 2PIN Connector
HDT-T2P	High Density Tape to Tape 2PIN Connector



**Product Description**  
LED Flexible Strip Tape



## DEFINITION SERIES: Super Brightness Range

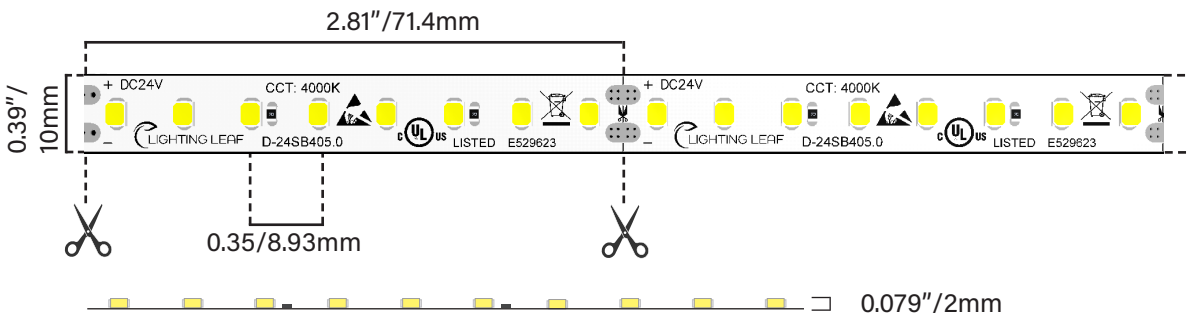
Higher CRI and brightness levels of true vibrant critical color functional light (CRI 95+). Visual acuity as Ambient, Accent or Task lighting that enhance design eliminates for any space.

## Specifications

Input Voltage	24 VDC
Power	5W/FT
CRI (Ra)	95+
Lumen	550-605LM/FT
Beam Angle	120 Degree
Environment	IP20
Max Run Length	16.4FT
Reel Length	16.4FT



## Dimensions





## CCT Kelvin Available

### Model Number Code

D	24	SB	XX	5.0
Series	Voltage	Brightness	Color Temp	Watts

2700K

D-24**SB27**5.0  
Super Brightness 2700K

3000K

D-24**SB30**5.0  
Super Brightness 3000K

4000K

D-24**SB40**5.0  
Super Brightness 4000K

## Recommended Connectors



ST-T-W2P

HDT-W2P

HDT-T2P

## Connector Specifications

ST-T-W2P	Screw Terminal Tape to Wire 2PIN Connector
HDT-W2P	High Density Tape to Wire 2PIN Connector
HDT-T2P	High Density Tape to Tape 2PIN Connector



## Product Description

### LED Flexible Strip Tape



## EFFICIENCY SERIES: Normal Brightness Range

Maximum efficiency and versatility performance for easy multipurpose general lighting flexibility.

Accent lighting that enhances design eliminates and adds functional light for any space.

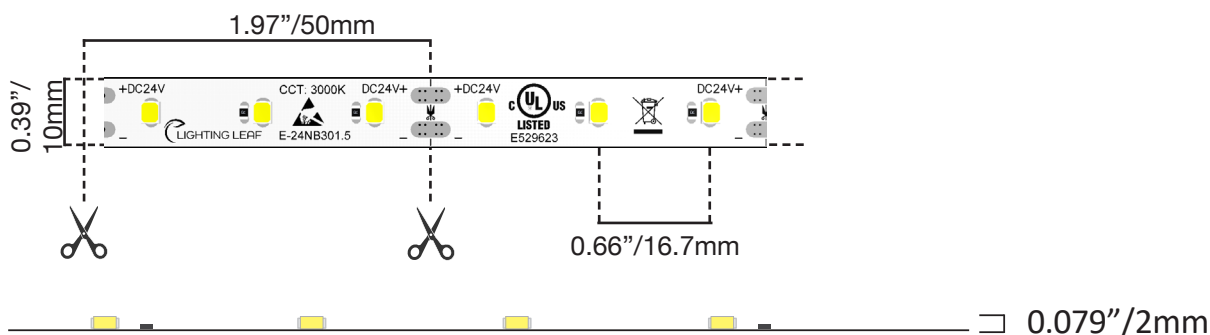
- Waterproof version available: (E-24NB301.5IP67\*) \*IP67 Rated (Encased) LED tape light in fully sealed matte finish, flexible silicone extrusion. Indoor or outdoor rated for moisture and high humidity environments (not submersible). Requires separate adhesives to permanently bond to substrates (not included).

## Specifications

Input Voltage	24 VDC
Power	1.5W/FT
CRI (Ra)	90+
Lumen	130-150 LM/FT
Beam Angle	120 Degree
Environment	IP20
Max Cont. Run Length	32FT
Reel Length	16.4FT



## Dimensions





## CCT Kelvin Available

2700K	E-24 <b>NB27</b> 1.5 Normal Brightness 2700K
3000K	E-24 <b>NB30</b> 1.5 Normal Brightness 3000K
4000K	E-24 <b>NB40</b> 1.5 Normal Brightness 4000K
5000K	E-24 <b>NB50</b> 1.5 Normal Brightness 5000K

### Model Number Code

E-24NB XX1.5

Series Voltage Brightness Color Temp Watts

## Recommended Connectors



T-T2P

T-W2P

ST-T-W2P

## Connector Specifications

T-T2P	Tape to Tape 2PIN Connector
T-W2P	Tape to Wire 2PIN Connector
ST-T-W2P	Screw Terminal Tape to Wire 2PIN Connector
WP67-T-T2P	IP67 Tape to Tape 2PIN Connector *
WP67-T-W2P	IP67 Tape to Wire 2PIN Connector *




3000K

Normal Brightness 3000K  
**E-24NB301.5IP67**  
with **IP67 WATER RATING**



**WP67-T-T2P \* WP67-T-W2P \***

\* IP67 Waterproof Connectors:  
Outdoor rated for moisture,  
not fully submersible.



## Product Description

### LED Flexible Strip Tape



## X-EXTEND SERIES: Normal Brightness Range

Enhanced for continuous long-distance length lighting. Designed to reduce cut points and power demand applications for crown-molding, cove or soffit lighting and long corridors.

- Waterproof version available: (X-24NB301.5IP67\*) \*IP67 Rated (Encased) LED tape light in fully sealed matte finish, flexible silicone extrusion. Indoor or outdoor rated for moisture and high humidity environments (not submersible). Requires separate adhesives to permanently bond to substrates (not included).

## Specifications

Input Voltage	24 VDC
Power	1.5W/FT
CRI (Ra)	90+
Lumen	110-130LM/FT
Beam Angle	120 Degree
Max Cont. Run Length	80FT
Reel Length	40FT



3000K

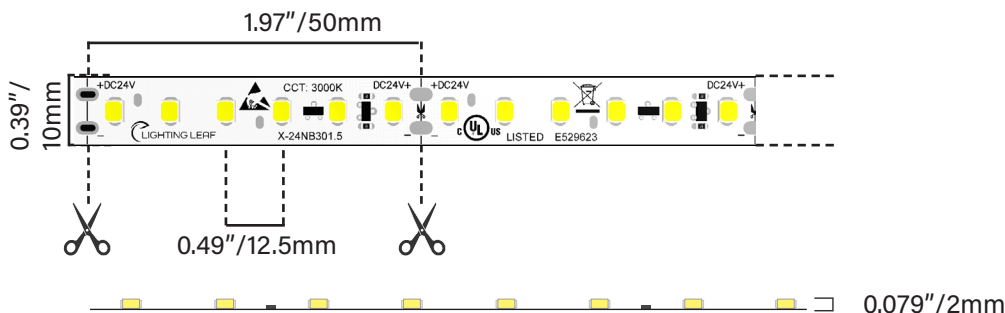
Model Number Code

X- 24 NB 30 1.5

Series Voltage Brightness Color Temp Watts

Part Number xx 2-Digit CCT Code:  
30-3000k

## Dimensions





## IP20 & IP67 Water Ratings

Model	X-24NB301.5	X-24NB301.5 IP67
Environment	IP20	IP67

- All other specifications match between IP20 & IP67 models

## Recommended Connectors






3000K

Normal Brightness 3000K  
**X-24NB301.5IP67**  
with IP67 WATER RATING



**WP67-T-T2P \* WP67-T-W2P \***

\* IP67 Waterproof Connectors:  
Outdoor rated for moisture,  
not fully submersible.

## Connector Specifications

T-T2P	Tape to Tape 2PIN Connector
T-W2P	Tape to Wire 2PIN Connector
ST-T-W2P	Screw Terminal Tape to Wire 2PIN Connector
HDT-W2P	High Density Tape to Wire 2PIN Connector
HDT-T2P	High Density Tape to Tape 2PIN Connector
<b>WP67-T-T2P</b>	<b>IP67 Tape to Tape 2PIN Connector*</b>
<b>WP67-T-W2P</b>	<b>IP67 Tape to Wire 2PIN Connector*</b>





### Product Description LED Flexible Strip Tape



## CCT TUNABLE WHITE SERIES: Super Bright Range

Adjustable white color temperature range (2700K-6000K).

Used for Circadian Lighting to mimic daylight patterns of sunrise to sunset.

Note: Requires controller

## Specifications

Input Voltage	24 VDC
Power	5.5W/FT
CRI (Ra)	95+
Lumen	210-430LM/FT
Beam Angle	120 Degree
Max Cont. Run Length	16.4FT
Reel Length	16.4FT

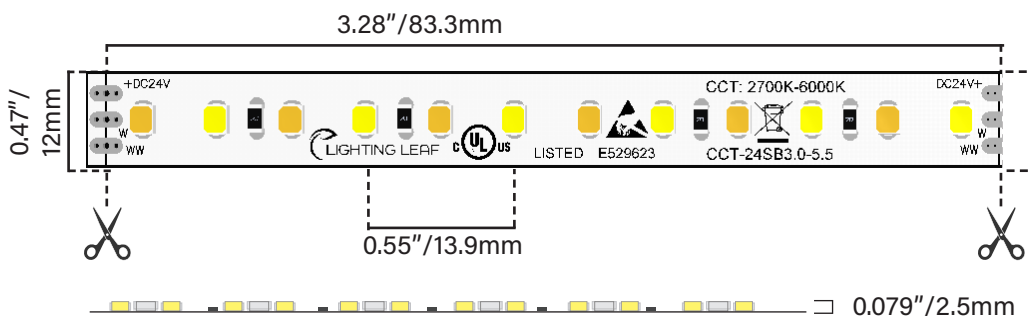


### Model Number Code

CCT- 24 SB 3.0-5.5

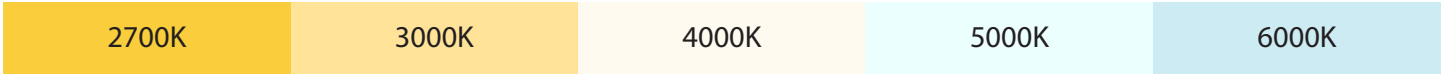
Series Voltage Brightness Watts

## Dimensions





## CCT Kelvin



## Recommended Connectors



CCT-T-W3P



CCT-T-T3P

## Connector Specifications

CCT-T-W3P	CCT Tape to Wire 3PIN Connector
CCT-T-T3P	CCT Tape to Tape 3PIN Connector



## Product Description

### LED Flexible Strip Tape



## RGB+W SERIES: RGB Color + Fixed White (Normal Brightness)

Combines the features of RGB and White for color variations with a fixed white light. (3000K)

**Note:** Requires controller

## Specifications

Input Voltage	24 VDC
Power	4.4W/FT
Drive Chip	90+
Lumen	80-250 LM/FT
Beam Angle	120 Degree
Max Cont. Run Length	16.4FT
Reel Length	16.4FT



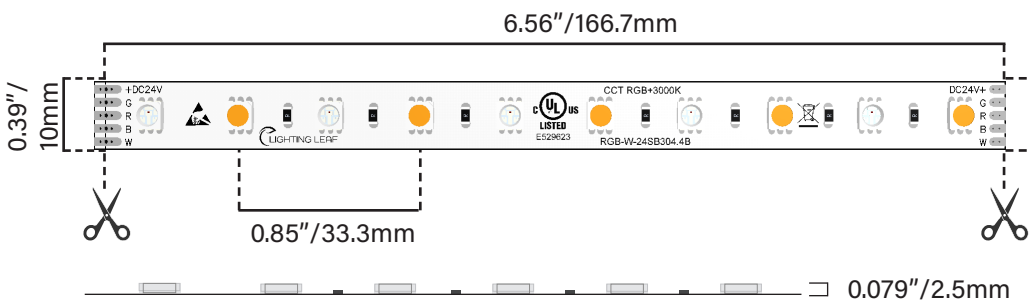
### Model Number Code

RGBW- 24 NB XX 4.4

Series Voltage Brightness Color Temp Watts

Part Number xx 2-Digit CCT Code: 30-3000k

## Dimensions





## Color + 3000 Kelvin



## Recommended Connectors



RGBW-T-W5P

RGBW-T-T5P

## Connector Specifications

RGBW-T-W5P	RGBW Tape to Wire 5PIN Connector
RGBW-T-T5P	RGBW Tape to Tape 5PIN Connector



## Product Description

### LED Flexible Strip Tape



## RGB+CCT SERIES: RGB Color + Tunable White Range (Super Brightness)

RGB with Tunable White for a 5-in-1 multipurpose lighting and color option.

Note: Requires controller

## Specifications

Input Voltage	24 VDC
Power	10.5W/FT
Drive Chip	95+
Lumen	400 LM/FT
Beam Angle	120 Degree
Max Cont. Run Length	16.4FT
Reel Length	16.4FT

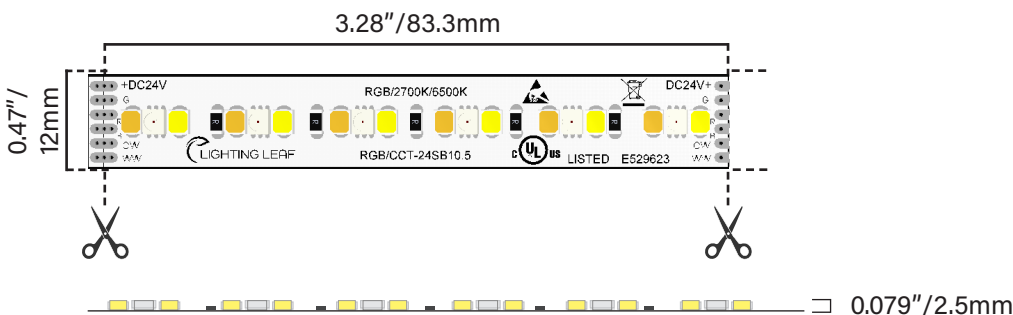


Model Number Code

RGB+CCT- 24 SB XX 10.5

Series Voltage Brightness Color Temp Watts

## Dimensions





## Color + CCT Kelvin



## Recommended Connectors



RGCCT-T-W6P



RGCCT-T-T6P

## Connector Specifications

RGCCT-T-W6P	RGB+CCT Tunable White Tape to Wire 6PIN Connector
RGCCT-T-T6P	RGB+CCT Tunable White Tape to Tape 6PIN Connector



**Product Description**  
**LED Flexible Strip Tape**



## RADIANCE SERIES: RGB Color Range

High-Density embedded RGB LED forms a seamless beam of light for a sleek, uniform glow. High color blending ability extends standard RGB color range to include variations of white.

- Features excellent linear illumination.
- Extreme low-profile w/high flexibility.
- Eliminates spotting for seamless beam of light.
- **Waterproof version available: (R-24RGB4.4IP67)** \*IP67 Rated (Encased) LED tape light in fully sealed matte finish, flexible silicone extrusion. Indoor or outdoor rated for moisture and high humidity environments (not submersible). Requires separate adhesives to permanently bond to substrates (not included).

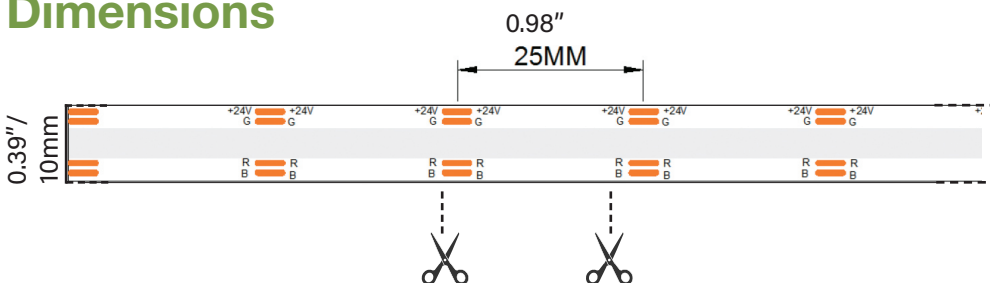
**Note: Requires controller**

## Specifications

Input Voltage	24 VDC
Power	4.4W/FT
Lumen	180-300 LM/FT
Max Cont. Run Length	16FT
Reel Length	16.4FT



## Dimensions



□ 0.087"/2.2mm



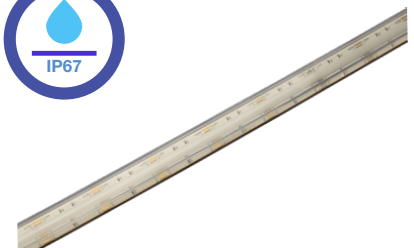
## IP20 & IP67 Water Ratings

Model	R-24 <b>RGB</b> 4.4	R-24 <b>RGB</b> 4.4 <b>IP67</b>
Environment	IP20	IP67

- All other specifications match between IP20 & IP67 models

### Model Number Code

R- 24 RGB 4.4  
Series Voltage Color Watts



**R-24RGB4.4IP67**  
**with IP67 WATER RATING**



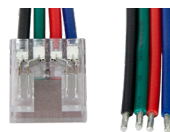
**WP67 CAP Pack\***

\* **IP67 Waterproof Caps:**  
 Outdoor rated for moisture,  
 not fully submersible.  
 Use Cap and Glue  
 w/ standard Radiance  
 RGB Connectors

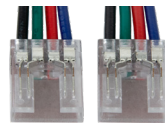
## Recommended Connectors



**R/RGBT-T4P**



**R/RGBT-TFWB4P**



**R/RGBT-WL4P**

## Connector Specifications

R-RGBT-T4P	Radiance RGB Tape to Tape 4PIN
R-RGBT-TFWB4P	Radiance RGB Tape to Tape 4PIN Flex Wire Bridge Connector (10pcs)
R-RGBT-WL4P	Radiance RGB Tape to 6" Wire Lead 4PIN Connector (10pcs)
<b>WP67 CAP Pack</b>	<b>IP67 Silicon End Cap and Wire Cap with Silicon Glue (5pcs)*</b>





### Product Description

#### LED Flexible Strip Tape



## RADIANCE SERIES: White Normal Brightness Range

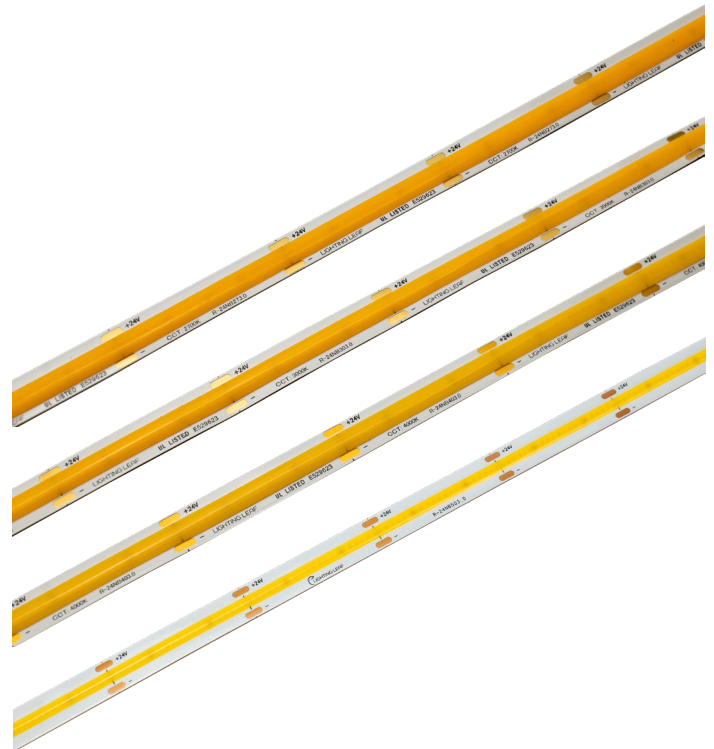
High-Density embedded white LED forms a seamless beam of light.

Sleek modern improved appearance on reflective surfaces preventing dots for a uniform glow.

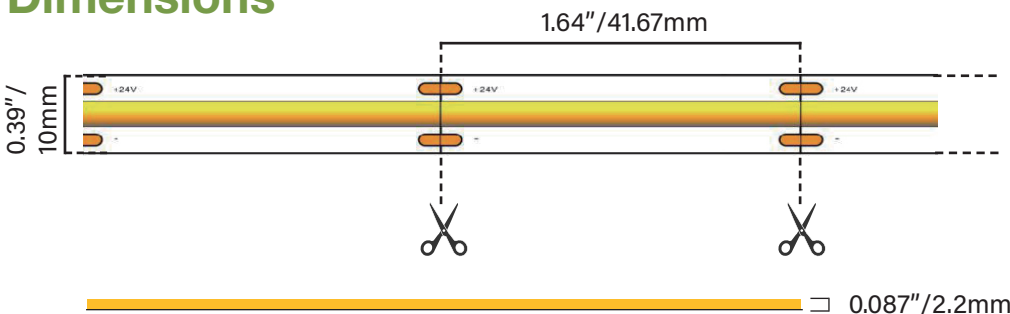
- Features excellent linear illumination, low-profile w/high flexibility.
- Eliminates spotting for seamless beam of light.
- **Waterproof version available: (R-24NB3.0IP67\*)** \*IP67 Rated (Encased) LED tape light in fully sealed matte finish, flexible silicone extrusion. Indoor or outdoor rated for moisture and high humidity environments (not submersible). Requires separate adhesives to permanently bond to substrates (not included).

## Specifications

Input Voltage	24 VDC
Power	3.0W/FT
CRI (Ra)	90+
Lumen	320-410 LM/FT
Beam Angle	180 Degree
Environment	IP20
Max Cont. Run Length	16.4FT
Reel Length	16.4FT



## Dimensions





# R-RADIANCE SERIES

## White Normal Brightness Range

### R-24NB[Color Temp]3.0 & IP67 Rated

## CCT Kelvin Available

2700K	R-24 <b>NB27</b> 3.0 Normal Brightness 2700K
3000K	R-24 <b>NB30</b> 3.0 Normal Brightness 3000K
4000K	R-24 <b>NB40</b> 3.0 Normal Brightness 4000K
5000K	R-24 <b>NB50</b> 3.0 Normal Brightness 5000K

### Model Number Code

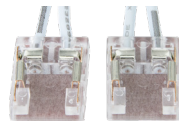
R-24NBXX 3.0

Series Voltage Brightness Color Watts

## Recommended Connectors




R-T-T2P



R-T-TFWB2P

## Connector Specifications

R-T-T2P	Radiance Tape to Tape 2PIN Connector
R-T-TFWB2P	Radiance Tape to Tape Flex Wire Bridge 2PIN
R-WP67-T-W2P	Radiance IP67 Tape to Wire 2PIN Connector with cable *
R-WP67-T-T2P	Radiance IP67 Tape to Tape 2PIN Connector *




3000K

Normal Brightness 3000K  
**R-24NB303.0IP67**  
with **IP67 WATER RATING**



**R-WP67-T-W2P \* R-WP67-T-T2P \***

\* IP67 Waterproof Caps:  
Outdoor rated for moisture,  
not fully submersible.

All Lighting Leaf LED Strip Tapes have been evaluated by UL to meet the following standards:

Standard(s) for Safety:

**UL 2108 - Low Voltage Lighting Systems**

**CSA-C22.2 No. 250.2 - Lighting Systems**

*See below for further scope information.*



#### 1 Scope

1.1 These requirements apply to low voltage lighting systems and components intended for installation in accordance with the National Electrical Code, NFPA 70, Article 411.

1.2 These requirements cover:

a) Power units in which output is limited to 25 A and below the risk of electric shock voltage levels as defined in 19; and  
b) Class 2, exposed bare conductor, POE, and other low-voltage luminaires and lighting systems.

1.3 These requirements do not cover lighting equipment covered by other standards such as, but not limited to, the Standard for Portable Electric Luminaires, UL 153, the Standard for Track Lighting Systems, UL 1574, or the Standard for Luminaires, UL 1598:

a) Luminaires provided with a cord and attachment plug intended for branch circuit connection. See the Standard for Portable Electric Luminaires, UL 153.

b) Luminaires intended to be mounted to and relocatable along a track, including when the track is supplied at low voltage. See the Standard for Track Lighting Systems, UL 1574.

c) Luminaires intended to be carried by hand or exclusively used not connected to a branch circuit. See the Standard for Flashlights and Lanterns, UL 1576.

d) Luminaires integrated with a power unit in a singular product. See the Standard for Luminaires, UL 1598.

1.4 Light emitting diode (LED) components, controls, and subassemblies integral to a low voltage lighting system shall comply with the applicable requirements of the Standard for Light Emitting Diode (LED) Equipment for Use in Lighting Products, UL 8750.

1.5 These requirements do not address certain specialized applications, including but not limited to hazardous/classified locations, emergency lighting, marine (ship-board) lighting, horticultural systems, germicidal luminaires, air-handling luminaires, or luminaires installed over cooking equipment. Low voltage lighting system equipment intended for such applications are to be investigated in accordance with standards written for the purpose.