

LED FLEXIBLE STRIP TAPE

UL Listed

cULus

CE

Dimmable

50,000+ hrs

IP20

CRI 90+

INFINITE CUT SERIES: CUT AT EVERY LED

Cut at every LED. Waste nothing.

Cutable anywhere, flawless everywhere. Ideal for custom lengths and complex installations.

- Perfect fit: no dark gap at the end of the run
- Zero waste: no partial strips left over
- Fewer connectors: skip tape-to-tape joints in tight runs
- 25 to 30% more output than E-Series at the same wattage



SPECIFICATIONS

Input voltage	24V DC
Power	1.5 W/ft
CRI (Ra)	90+
Lumens	178 lm/ft
Efficacy	138 lm/W
Environment	IP20 indoor
Max. continuous run	33 ft
Rated life	50,000+ hrs

DIMENSIONS



Cut length 0.65 in / 16.66 mm

Width 0.39 in / 10 mm

MODEL NUMBER CODE

IC

Series
30 = 3000K

24

Voltage

NB

Brightness

30

Color temp

1.5

Watts/ft

COLOR TEMPERATURE AVAILABLE

3000K

IC-24NB301.5

Normal Brightness 3000K

RECOMMENDED CONNECTORS

PART NUMBER	DESCRIPTION
T-T2P	Tape-to-tape 2-pin connector
T-W2P	Tape-to-wire 2-pin connector
ST-T-W2P	Screw-terminal tape-to-wire 2-pin
HDT-T2P	High-density tape-to-tape 2-pin connector
HDT-W2P	High-density tape-to-wire 2-pin connector

Full connector list: LL Connector Quick Reference.

Evaluated by UL to UL 2108 (Low Voltage Lighting Systems) and CSA-C22.2 No. 250.2 (Lighting Systems).
UL file E529623. Backed by the Lighting Leaf 5-year warranty.

5-YEAR WARRANTY

LED FLEXIBLE STRIP TAPE

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CE

Dimmable

50,000+ hrs

IP20

IP67 option

EFFICIENCY SERIES: NORMAL BRIGHTNESS

Maximum efficiency and versatility for easy, multipurpose general lighting.

Accent lighting that enhances the design and adds functional light to any space.

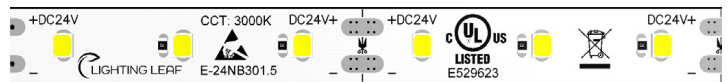
Waterproof version available: E-24NB301.5IP67.



SPECIFICATIONS

Input voltage	24V DC
Power	1.5 W/ft
CRI (Ra)	90+
Lumens	130–150 lm/ft
Beam angle	120°
Environment	IP20 (IP67 option)
Max. continuous run	32 ft
Reel length	16.4 ft

DIMENSIONS



Cut length 1.97 in / 50 mm

Width 0.39 in / 10 mm

Thickness 0.079 in / 2 mm

MODEL NUMBER CODE

E

24

NB

XX

1.5

Series

Voltage

Brightness

Color temp

Watts/ft

XX = color temp: 27 = 2700K, 30 = 3000K, 40 = 4000K, 50 = 5000K

COLOR TEMPERATURES AVAILABLE

2700K

3000K

4000K

5000K

E-24NB271.5

Normal Brightness 2700K

E-24NB301.5

Normal Brightness 3000K

E-24NB401.5

Normal Brightness 4000K

E-24NB501.5

Normal Brightness 5000K

IP67 version available in 3000K only (E-24NB301.5IP67).

RECOMMENDED CONNECTORS

PART NUMBER	DESCRIPTION
T-T2P	Tape-to-tape 2-pin connector
T-W2P	Tape-to-wire 2-pin connector
ST-T-W2P	Screw-terminal tape-to-wire 2-pin
WP67-T-T2P	IP67 tape-to-tape 2-pin connector *
WP67-T-W2P	IP67 tape-to-wire 2-pin connector *

* IP67 waterproof connector: rated outdoor for moisture, not submersible. Full connector list: LL Connector Quick Reference.

IP67 VERSION



E-24NB301.5IP67

IP67-rated (encased) LED tape in a fully sealed, matte-finish flexible silicone extrusion. Rated indoor or outdoor for moisture and high humidity (not submersible). Requires separate adhesive to bond to surfaces (not included).

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5-YEAR WARRANTY

Specifications may vary with use and are subject to change. See lightingleaf.com for current data.

LED FLEXIBLE STRIP TAPE

UL Listed

cULus

CE

Dimmable

50,000+ hrs

IP20

IP67 option

EXTEND SERIES: LONG CONTINUOUS RUNS

Built for continuous long-distance lighting with fewer cut and feed points.

Ideal for crown molding, coves, soffits and long corridors: up to 80 ft continuous on one feed.

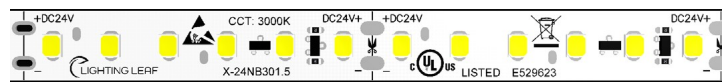
Waterproof version available: X-24NB301.5IP67.



SPECIFICATIONS

Input voltage	24V DC
Power	1.5 W/ft
CRI (Ra)	90+
Lumens	110–130 lm/ft
Beam angle	120°
Environment	IP20 (IP67 option)
Max. continuous run	80 ft
Reel length	40 ft

DIMENSIONS



Cut length 1.97 in / 50 mm

Width 0.39 in / 10 mm

Thickness 0.079 in / 2 mm

MODEL NUMBER CODE

X	24	NB	30	1.5
Series	Voltage	Brightness	Color temp	Watts/ft
30 = 3000K				

COLOR TEMPERATURE AVAILABLE

3000K

X-24NB301.5

Normal Brightness 3000K

3000K

X-24NB301.5IP67

IP67, Normal Brightness 3000K

RECOMMENDED CONNECTORS

PART NUMBER	DESCRIPTION
T-T2P	Tape-to-tape 2-pin connector
T-W2P	Tape-to-wire 2-pin connector
ST-T-W2P	Screw-terminal tape-to-wire 2-pin
HDT-W2P	High-density tape-to-wire 2-pin connector
HDT-T2P	High-density tape-to-tape 2-pin connector
WP67-T-T2P	IP67 tape-to-tape 2-pin connector *
WP67-T-W2P	IP67 tape-to-wire 2-pin connector *

* IP67 waterproof connector: rated outdoor for moisture, not submersible. Full connector list: LL Connector Quick Reference.

IP67 VERSION



X-24NB301.5IP67

IP67-rated (encased) LED tape in a fully sealed, matte-finish flexible silicone extrusion. Rated indoor or outdoor for moisture and high humidity (not submersible). Requires separate adhesive to bond to surfaces (not included).

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5-YEAR WARRANTY

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LED FLEXIBLE STRIP TAPE

UL Listed

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CE

Dimmable

50,000+ hrs

IP20

CRI 95+

DEFINITION SERIES: NORMAL BRIGHTNESS

Higher CRI and brightness for true, vibrant color (CRI 95+).

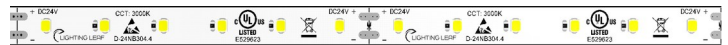
Visual clarity for ambient, accent or task lighting that enhances the design of any space.



SPECIFICATIONS

Input voltage	24V DC
Power	4.4 W/ft
CRI (Ra)	95+
Lumens	300–360 lm/ft
Beam angle	120°
Environment	IP20
Max. continuous run	16.4 ft
Reel length	16.4 ft

DIMENSIONS



Cut length 3.94 in / 100 mm

Width 0.39 in / 10 mm

Thickness 0.079 in / 2 mm

MODEL NUMBER CODE

D

24

NB

XX

4.4

Series

Voltage

Brightness

Color temp

Watts/ft

XX = color temp: 27 = 2700K, 30 = 3000K, 40 = 4000K

COLOR TEMPERATURES AVAILABLE

2700K

D-24NB274.4

Normal Brightness 2700K

3000K

D-24NB304.4

Normal Brightness 3000K

4000K

D-24NB404.4

Normal Brightness 4000K

RECOMMENDED CONNECTORS

PART NUMBER	DESCRIPTION
T-T2P	Tape-to-tape 2-pin connector
T-W2P	Tape-to-wire 2-pin connector
ST-T-W2P	Screw-terminal tape-to-wire 2-pin
HDT-W2P	High-density tape-to-wire 2-pin connector
HDT-T2P	High-density tape-to-tape 2-pin connector

Full connector list: [LL Connector Quick Reference](#).

Evaluated by UL to UL 2108 (Low Voltage Lighting Systems) and CSA-C22.2 No. 250.2 (Lighting Systems).
UL file E529623. Backed by the Lighting Leaf 5-year warranty.

5-YEAR WARRANTY

Specifications may vary with use and are subject to change. See [lightingleaf.com](#) for current data.

LED FLEXIBLE STRIP TAPE

UL Listed

cULus

CE

Dimmable

50,000+ hrs

IP20

CRI 95+

DEFINITION SERIES: SUPER BRIGHTNESS

Higher CRI and brightness for true, vibrant color (CRI 95+).

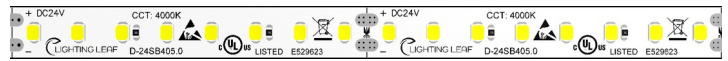
Visual clarity for ambient, accent or task lighting that enhances the design of any space.



SPECIFICATIONS

Input voltage	24V DC
Power	5 W/ft
CRI (Ra)	95+
Lumens	550–605 lm/ft
Beam angle	120°
Environment	IP20
Max. continuous run	16.4 ft
Reel length	16.4 ft

DIMENSIONS



Cut length 2.81 in / 71.4 mm

Width 0.39 in / 10 mm

Thickness 0.079 in / 2 mm

MODEL NUMBER CODE

D

Series

24

Voltage

SB

Brightness

XX

Color temp

5.0

Watts/ft

XX = color temp: 27 = 2700K, 30 = 3000K, 40 = 4000K

COLOR TEMPERATURES AVAILABLE

2700K

D-24SB275.0

Super Brightness 2700K

3000K

D-24SB305.0

Super Brightness 3000K

4000K

D-24SB405.0

Super Brightness 4000K

RECOMMENDED CONNECTORS

PART NUMBER	DESCRIPTION
HDT-W2P	High-density tape-to-wire 2-pin connector
HDT-T2P	High-density tape-to-tape 2-pin connector

Full connector list: [LL Connector Quick Reference](#).

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5-YEAR WARRANTY

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LED FLEXIBLE STRIP TAPE

UL Listed

cULus

CE

Dimmable

50,000+ hrs

IP20

IP67 option

RADIANCE SERIES: WHITE, NORMAL BRIGHTNESS

High-density embedded white LEDs form a seamless beam of light.

A sleek, modern look on reflective surfaces with no visible dots, for a uniform glow.

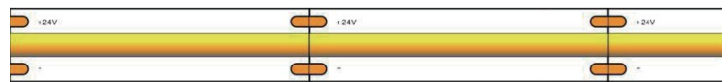
- Excellent linear illumination, low profile, high flexibility
- Eliminates spotting for a seamless beam of light



SPECIFICATIONS

Input voltage	24V DC
Power	3.0 W/ft
CRI (Ra)	90+
Lumens	380 lm/ft (IP67: 360)
Beam angle	180°
Environment	IP20 (IP67 option)
Max. continuous run	16.4 ft
Reel length	16.4 ft

DIMENSIONS



Cut length 1.64 in / 41.67 mm

Width 0.39 in / 10 mm

Thickness 0.087 in / 2.2 mm

MODEL NUMBER CODE

R

24

NB

XX

3.0

Series

Voltage

Brightness

Color temp

Watts/ft

XX = color temp: 27 = 2700K, 30 = 3000K, 40 = 4000K, 50 = 5000K

COLOR TEMPERATURES AVAILABLE

2700K	3000K	4000K	5000K
R-24NB273.0	R-24NB303.0	R-24NB403.0	R-24NB503.0
Normal Brightness 2700K	Normal Brightness 3000K	Normal Brightness 4000K	Normal Brightness 5000K

IP67 version available in 3000K only (R-24NB303.0IP67).

RECOMMENDED CONNECTORS

PART NUMBER	DESCRIPTION
R-T-T2P	Radiance tape-to-tape 2-pin connector
R-T-TFWB2P	Radiance tape-to-tape flex wire bridge, 2-pin
R-WP67T-W2P	IP67 tape-to-wire 2-pin connector with cable *
R-WP67T-T2P	Radiance IP67 tape-to-tape 2-pin connector *

* IP67 waterproof connector: rated outdoor for moisture, not submersible. Full connector list: LL Connector Quick Reference.

IP67 VERSION



R-24NB303.0IP67

IP67-rated (encased) LED tape in a fully sealed, matte-finish flexible silicone extrusion. Rated indoor or outdoor for moisture and high humidity (not submersible). Requires separate adhesive to bond to surfaces (not included).

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5-YEAR WARRANTY

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LED FLEXIBLE STRIP TAPE

UL Listed

cULus

CE

Dimmable

50,000+ hrs

IP20

IP67 option

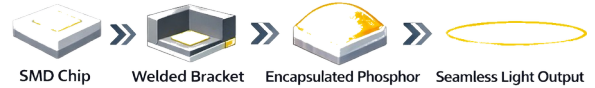
RADIANCE RGB: PHOSCORE™ COLOR

SMD strength. COB smoothness. A seamless, dot-free beam of color.

PhosCore™ Hybrid Continuous Phosphor Technology: more durable than traditional multicolor COB tape.

- Welded bracket: no peeling from heat, bends or handling
- Continuous phosphor: no hot spots or banding
- Thermal stability: color and output hold for the life of the install

Requires a controller (RF-WIFI-CNTRL-5CH-4A).



Continuous Phosphor Architecture

SPECIFICATIONS

Input voltage	24V DC
Power	4.4 W/ft
Output	384 lm/ft
Color	Full-spectrum RGB
Wiring	4-pin, 4-conductor
Environment	IP20 (IP67 option)
Max. continuous run	16 ft
Mounting	3M™ VHB™ foam

DIMENSIONS

Cut length	1.96 in
Width	0.39 in / 10 mm

MODEL NUMBER CODE

R	24	RGB	4.4
Series	Voltage	Color	Watts/ft

COLOR



Full RGB color

Full-spectrum RGB, including amber and white mixes. Best for accent color, coves and entertainment spaces.

RECOMMENDED CONNECTORS

PART NUMBER	DESCRIPTION
R-RGBT-T4P	Radiance RGB tape-to-tape 4-pin connector
R-RGBT-TFWB4P	Radiance RGB 4-pin flex wire bridge
R-RGBT-WL4P	Radiance RGB tape to 6 in wire lead, 4-pin
WP67 CAP Pack	IP67 cap kit, use with R-RGB connectors *

* IP67 waterproof connector: rated outdoor for moisture, not submersible. Full connector list: LL Connector Quick Reference.

IP67 VERSION

R-24RGB4.4IP67

IP67-rated (encased) LED tape in a fully sealed, matte-finish flexible silicone extrusion. Rated indoor or outdoor for moisture and high humidity (not submersible). Requires separate adhesive to bond to surfaces (not included).

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UL file E529623. Backed by the Lighting Leaf 5-year warranty.

5-YEAR WARRANTY

Specifications may vary with use and are subject to change. See lightingleaf.com for current data.

LED FLEXIBLE STRIP TAPE

UL Listed

cULus

CE

Dimmable

50,000+ hrs

IP20

CRI 90+

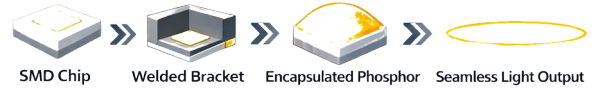
RADIANCE CCT: PHOSCORE™ TUNABLE WHITE

SMD strength. COB smoothness. A seamless, dot-free beam of tunable white.

PhosCore™ Hybrid Continuous Phosphor Technology: more durable than traditional multicolor COB tape.

- Welded bracket: no peeling from heat, bends or handling
- Continuous phosphor: no hot spots or banding
- Thermal stability: color and output hold for the life of the install

Requires a controller (RF-WIFI-CNTRL-5CH-4A).



Continuous Phosphor Architecture

SPECIFICATIONS

Input voltage	24V DC
Power	4.4 W/ft
Output	150 lm/ft
CRI (Ra)	90+
Color temperature	2700K–6000K tunable
Wiring	3-pin, 3-conductor
Max. continuous run	16 ft
Mounting	3M™ VHB™ foam

DIMENSIONS

Cut length	1.96 in
Width	0.39 in / 10 mm

MODEL NUMBER CODE

R	24	CCT	4.4
Series	Voltage	Color	Watts/ft

COLOR TEMPERATURE RANGE

2700K	3000K	4000K	5000K	6000K
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Tunable 2700K to 6000K

Circadian-ready. Best for kitchens, baths and human-centric lighting.

RECOMMENDED CONNECTORS

PART NUMBER	DESCRIPTION
R-CCTT-T3P	Radiance CCT tape-to-tape 3-pin connector
R-CCTT-TFWB3P	Radiance CCT 3-pin flex wire bridge

Full connector list: [LL Connector Quick Reference](#).

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5-YEAR WARRANTY

LED FLEXIBLE STRIP TAPE

UL Listed

cULus

CE

Dimmable

50,000+ hrs

IP20

2 versions

CCT TUNABLE WHITE: NORMAL & SUPER BRIGHT

Adjustable white color temperature from 2700K to 6000K.

Use for circadian lighting that follows daylight patterns from sunrise to sunset.

Two versions: NB (normal bright, 10 mm) and SB (super bright, 12 mm).

Requires a controller (RF-WIFI-CNTRL-5CH-4A).



SPECIFICATIONS

Input voltage	24V DC
Color temperature	2700K–6000K tunable
Wiring	3-pin
Lumens	210–430 lm/ft
Beam angle	120°
Environment	IP20
Max. continuous run	16.4 ft
Reel length	16.4 ft

DIMENSIONS



Cut length 3.28 in / 83.3 mm

Width NB 10 mm • SB 12 mm

MODEL NUMBER CODE

CCT

Series

24

Voltage

NB/SB

Brightness

3.0-5.5

Watts/ft

VERSIONS

	NORMAL BRIGHT (NB)	SUPER BRIGHT (SB)
Part number	CCT-24NB3.0-5.5	CCT-24SB3.0-5.5
Power	3–6 W/ft	5.5 W/ft
CRI (Ra)	Not listed	95+
Width	0.39 in / 10 mm	0.47 in / 12 mm
Thickness	Not listed	0.098 in / 2.5 mm

RECOMMENDED CONNECTORS

PART NUMBER	DESCRIPTION
CCT-T-W3P	CCT tape-to-wire 3-pin connector
CCT-T-T3P	CCT tape-to-tape 3-pin connector

Full connector list: LL Connector Quick Reference.

Evaluated by UL to UL 2108 (Low Voltage Lighting Systems) and CSA-C22.2 No. 250.2 (Lighting Systems).
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5-YEAR WARRANTY

LED FLEXIBLE STRIP TAPE

UL Listed

cULus

CE

Dimmable

50,000+ hrs

IP20

RGB+W SERIES: RGB COLOR + FIXED WHITE

RGB color plus a dedicated 3000K white channel.

Combines RGB and white for color effects with a fixed white light, in one tape.

Requires a controller (RF-WIFI-CNTRL-5CH-4A).



SPECIFICATIONS

Input voltage	24V DC
Power	4.4 W/ft
CRI (white)	90+
Lumens	80–250 lm/ft
Beam angle	120°
Environment	IP20
Max. continuous run	16.4 ft
Reel length	16.4 ft

DIMENSIONS



Cut length 6.56 in / 166.7 mm

Width 0.47 in / 12 mm

Thickness 0.098 in / 2.5 mm

MODEL NUMBER CODE

RGBW **24** **NB** **30** **4.4**

Series

Voltage

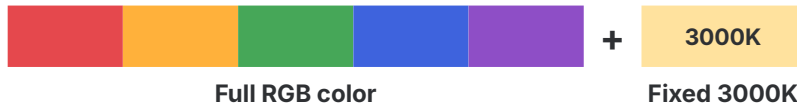
Brightness

Color temp

Watts/ft

30 = 3000K white channel

COLOR + WHITE



5-pin RGB + white.

RECOMMENDED CONNECTORS

PART NUMBER	DESCRIPTION
RGBW-T-W5P	RGBW tape-to-wire 5-pin connector

Full connector list: LL Connector Quick Reference.

Evaluated by UL to UL 2108 (Low Voltage Lighting Systems) and CSA-C22.2 No. 250.2 (Lighting Systems).
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5-YEAR WARRANTY

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LED FLEXIBLE STRIP TAPE

UL Listed

cULus

CE

Dimmable

50,000+ hrs

IP20

CRI 95+

RGB+CCT SERIES: RGB + TUNABLE WHITE

Full RGB color plus tunable white in one tape.

A 5-in-1 option for multipurpose lighting and color: any color plus 2700K to 6000K white.

Requires a controller (RF-WIFI-CNTRL-5CH-4A).



SPECIFICATIONS

Input voltage	24V DC
Power	10.5 W/ft
CRI (white)	95+
Lumens	400 lm/ft
Beam angle	120°
Environment	IP20
Max. continuous run	10 ft
Reel length	16.4 ft

DIMENSIONS



Cut length 3.28 in / 83.3 mm

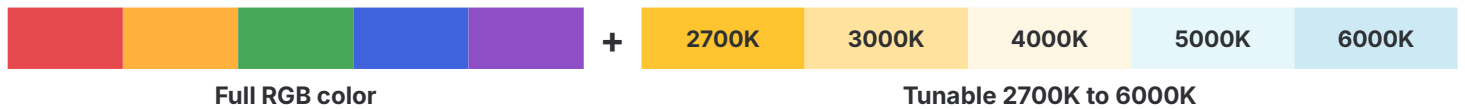
Width 0.47 in / 12 mm

Thickness 0.098 in / 2.5 mm

MODEL NUMBER CODE

RGBCCT	24	SB	XX	10.5
Series	Voltage	Brightness	Color temp	Watts/ft

COLOR + TUNABLE WHITE



6-pin RGB + tunable white.

RECOMMENDED CONNECTORS

PART NUMBER	DESCRIPTION
RGBCCT-T-W6P	RGB+CCT tape-to-wire 6-pin connector
RGBCCT-T-T6P	RGB+CCT tape-to-tape 6-pin connector

Full connector list: LL Connector Quick Reference.

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5-YEAR WARRANTY

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