

B E M

A

No limits to your imagination

E

V

DESIGNER'S  
CUSTOM PLAYGROUND

E

R

**Beamever**

2024  
-  
2025

**Hand in hand  
Build up success**





# CONTENTS

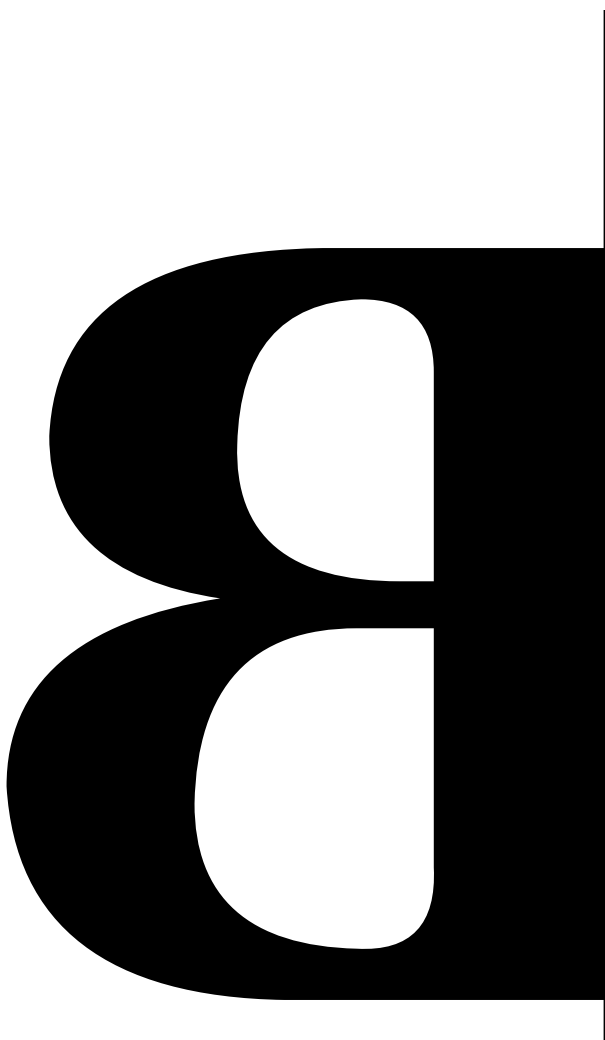
WHY BEAMEVER	08	AERO TAPE DTW <sup>HOT</sup>	45
BEFORE WE START	09	AERO TAPE HD	46
BASIC CUSTOMIZABLE PARAMETERS	11	AERO TAPE MIRROR	47
<b>LED NEON</b>	<b>12</b>	AERO TAPE IP65	48
Beamever Neon Series Navigation Map	14	AERO TAPE IP67	49
LINIO NEON EOS TV HE <sup>HOT</sup>	16	<b>ALTA TAPE ULTRA</b> <sup>NEW</sup>	50
LINIO NEON EOS TV	17	BELA TAPE RGBW	51
LINIO NEON 1617 TV <sup>HOT</sup>	18	NOVA TAPE	52
LINIO NEON 1617 SV <sup>HOT</sup>	19	<b>NOVA TAPE DTW</b> <sup>NEW</sup>	53
LINIO NEON 1615 TV	20	NOVA TAPE S	54
LINIO NEON 1615 TV TW	21	NOVA TAPE LONG RUN	55
LINIO NEON 1615 TV RGB	22	<b>NOVA TAPE FREE CUT</b> <sup>HOT</sup>	56
LINIO NEON 1615 TV RGBW	23	NOVA TAPE SV	57
LINIO NEON 1615 TV PIXEL RGBW	24	<b>CHANNEL PROFILES</b>	<b>58</b>
LINIO NEON 1615 SV	25	Tape-channel Compatibility Chart	58
LINIO NEON 1615 SV TW	26	Surface	59
LINIO NEON 1615 SV RGB	27	Recessed	60
LINIO NEON 1615 3D	28	Angled	61
LINIO NEON 1220 SV	29	Mud-in	62
LINIO NEON 1220 SV TW	30	Suspended	63
LINIO NEON 1220 SV RGB	31	Stairs	63
LINIO NEON 1220 SV RGBW	32	<b>DRIVERS AND CONTROL SYSTEMS</b>	<b>64</b>
LINIO NEON 1220 SV PIXEL RGBW	33	Drivers	66
LINIO NEON 360°	34	DMX Decoders	67
Feed Entry Options for Neon	36	Controllers	67
<b>NEON ACCESSORIES</b>	<b>37</b>	Reference Wiring Diagrams	69
Neon End Cap Availability Chart	38	<b>ORDER GUIDE</b>	<b>72</b>
<b>LED TAPE</b>	<b>40</b>	<b>SELECTION GUIDE</b>	<b>73</b>
Beamever Tape Series Navigation Map	42	<b>FAQ</b>	<b>74</b>
AERO TAPE	44	<b>WORDS TO KNOW</b>	<b>78</b>



# DESIGNER'S CUSTOM PLAYGROUND

- Professional engineering team
- Sufficient raw material stock
- Abundant production equipment

Our customization realizes your inspiration



10+ years of industry experience;  
1,000+ days of R&D;  
10,000+ hours of verifying and testing;  
These are what bring Beamever to life.

As the "Designer's Custom Playground",  
with our own original factory, we are able  
to provide highly efficient and flexible  
customization that seamlessly meets the  
diverse application needs.

With cutting-edge industry  
technologies and production lines,  
our innovative products have never  
stopped to amaze specifiers and  
lighting designers in the industry.  
Working with Beamever, there are no  
limits to your imagination!





# WHY BEAMEVER



## EFFICIENT CUSTOMIZATION

Our professional team, ample raw materials, and advanced equipment allow flexible customization of CCT, color, wattage, CRI, feed length, and more, without extending lead times.



## STRICT QUALITY CONTROL

Our products undergo rigorous testing—salt spray, temperature & humidity, optical, waterproof, and UV-resistant—to prevent yellowing and color differences over time.



## VERSATILE TAPES WITH WIDE CCT OPTIONS

Our compact tape lights come in a wide range of color temperatures (1800K to 6500K), including color-changing options. They offer bright, energy-efficient illumination comparable to traditional fluorescents, with easy installation and a perfect fit for any space.



## EVEN ILLUMINATION






Featuring high-brightness SMD LEDs, our tape lights offer pure color, even illumination, and no glare, suitable for both lighting and decoration.



# BEFORE WE START

## Product Nomenclature Identification Guide

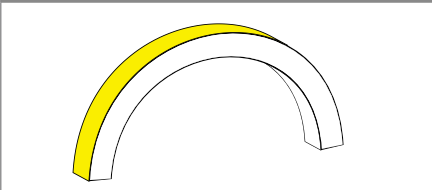
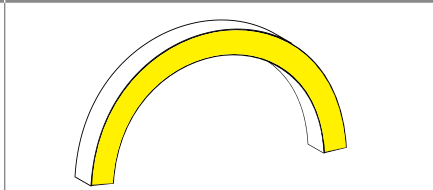
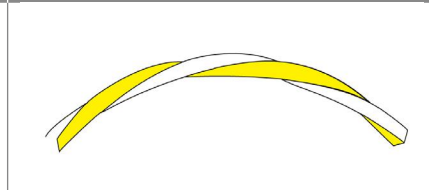
### – Product Series

LINIO NEON	NOVA TAPE	AERO TAPE	ALTA TAPE	BELA TAPE
				
▲ Flexible, UV stable without yellowing or cracking overtime. Completely dotless. Ideal choice for both indoor and outdoor applications. <b>Example:</b> <u>LINIO NEON</u> 1615 TV	▲ Dotless. Installation-friendly even without channels. Various IP ratings, CCTs, colors and sizes available. <b>Example:</b> <u>NOVA TAPE</u> IP67	▲ SMD tape with static/tunable white. Offers full color temperatures and colors, with customizable IP rating, wattage, lumen output, and LED quantity. <b>Example:</b> <u>AERO TAPE</u> DTW	▲ High-lumen output tape with full color temperatures and colors. Customizable IP rating, wattage, lumen output, and LED quantity. <b>Example:</b> <u>ALTA TAPE</u> ULTRA	▲ Colorful tape with full color temperatures and colors. Customizable IP rating, wattage, lumen output, and LED quantity. <b>Example:</b> <u>BELA TAPE</u> RGBW

### – Product Name Overview

NEON	TAPE
<p><u>LINIO NEON</u> <u>1615</u> <u>TV</u> <u>HE</u></p> <p>①                      ②              ③              ④</p>	<p><u>NOVA TAPE</u> <u>LONG RUN</u></p> <p>①    ②</p>
<p>① Product series ② Size (width and height in millimeter) * Optional for special-shaped neon ③ View direction / Bending direction ④ Unique selling point</p>	<p>① Product series ② Unique selling point</p>

### – Bending Direction

TV: Vertical / top bend	SV: Horizontal / side bend	3D: Twistable
		
▲ <b>Example:</b> <u>LINIO NEON 1615 TV</u>	▲ <b>Example:</b> <u>LINIO NEON 1220 SV</u>	▲ <b>Example:</b> <u>LINIO NEON 1615 3D</u>

### – Color

Name	Meaning	Example
TW	Tunable White	LINIO NEON 1615 TV <u>TW</u>
DTW	Dim to Warm	AERO TAPE <u>DTW</u>
RGB	Red, Green, Blue	LINIO NEON 1220 SV <u>RGB</u>
RGBW	Red, Green, Blue, White	BELA TAPE <u>RGBW</u>
RGBWW	Red, Green, Blue, White+White	NOVA TAPE <u>RGBWW</u>
PIXEL	Addressable dynamic color	LINIO NEON 1615 TV <u>PIXEL</u> <u>RGBW</u>

▲ Static white LED lighting strips have no color identifications in the names

### – Functionality

Name	Meaning	Example
HE	High efficiency (higher lumen output)	NOVA TAPE <u>HE</u>
HD	High density with less visible dots	AERO TAPE <u>HD</u>





Project: Zara Retail Shop  
Client: Fagerhult  
Product: GRAZE TV PRO  
Length: > 100,000 ft  
Location: Dubai  
Year of Completion: 2023

# BASIC CUSTOMIZABLE PARAMETERS

## PHYSICAL PARAMETERS



### Color & CCT

CCT (Color temperature) can be adjusted from 1800K to 6500K or beyond, with options for static white, tunable white, single colors, RGB, RGBW, and PIXEL.



### LED qty

LED quantity can be adjusted for different lighting effects (18 LED/ft, 36 LED/ft, 72 LED/ft etc.)



### Length

Length is customizable when quoted and ordered.



### Feed Length

Feed length can be adjusted in the range of 0.328 ft to 98 ft or beyond (Longer feed length will lead to voltage drop depending on the installation. Consult Beamever or your construction team for more information).



### End Cap

Injected end cap, silicone end cap, mechanical end cap are available (refer to spec sheets).

## ELECTRICAL PARAMETERS



### CRI

CRI can be adjusted from Ra80+ to Ra95+.



### Efficacy

Efficacy is customizable if needed.



### Power

Power can be adjusted within the maximum power as shown in the spec sheet (If the maximum power in the spec sheet is 4.57W/ft, the power below 4.57W/ft is customizable).



### IP Rating

Different IP ratings are customizable (IP20, IP54, IP65, IP67 etc.)



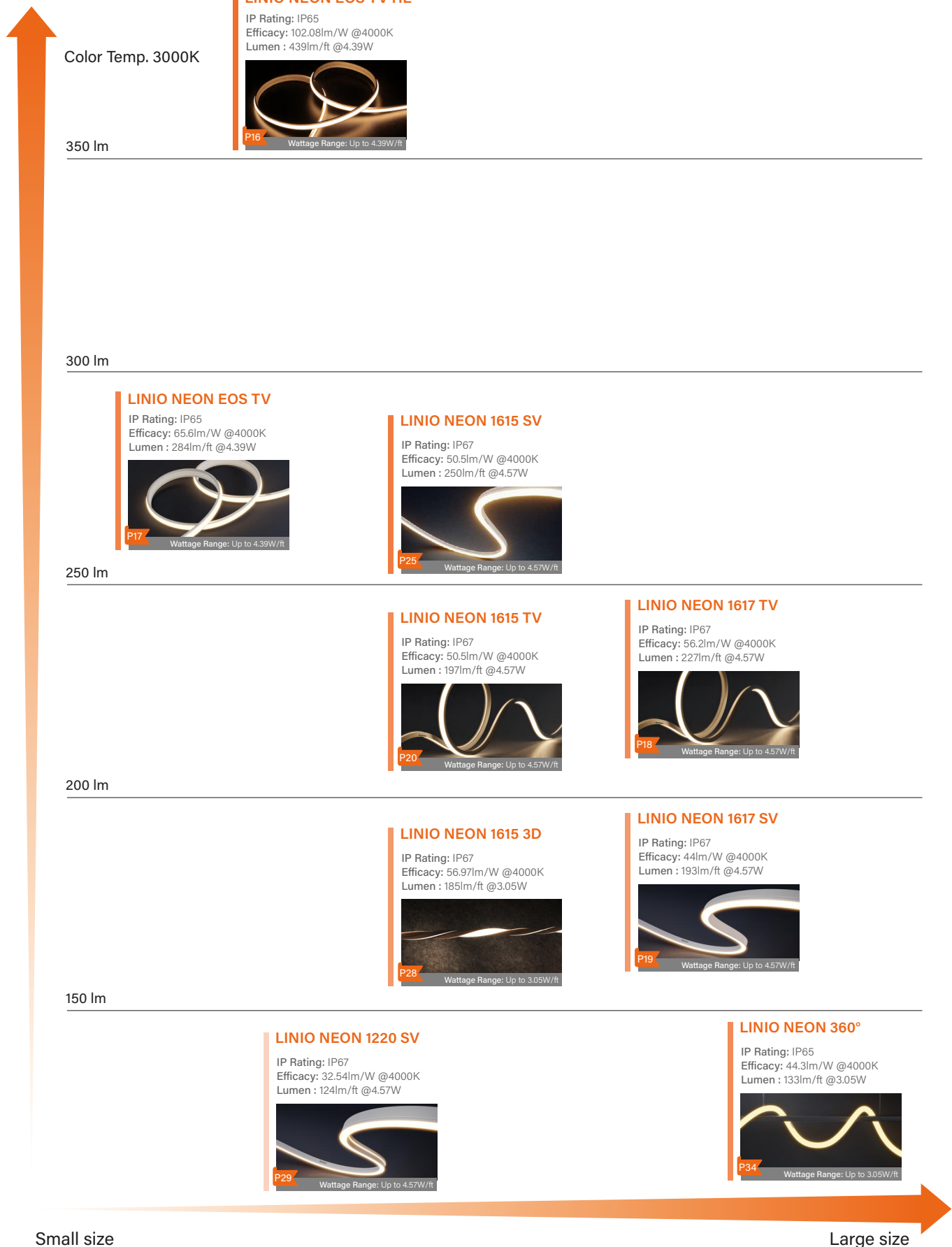




# LED NEON

Diverse size options, lasting UV stability for outdoor, facade, landscape lighting etc.

# NEON STATIC WHITE SERIES NAVIGATION MAP



# NEON DYNAMIC COLOR SERIES NAVIGATION MAP

	TUNABLE WHITE	RGB	RGBW	PIXEL RGBW (Addressable)
DYNAMIC COLOR	<p><b>LINIO NEON 1615 TV TW</b></p> <p>IP Rating: IP67 Efficacy: 49.6lm/W @5300K Lumen : 197lm/ft @4.57W</p>  <p>P21 Wattage Range: Up to 4.57W/ft</p>	<p><b>LINIO NEON 1615 TV RGB</b></p> <p>IP Rating: IP67 Efficacy: 25lm/W @RGB 3.35W Lumen : 85lm/ft @3.35W</p>  <p>P22 Wattage Range: Up to 3.35W/ft</p>	<p><b>LINIO NEON 1615 TV RGBW</b></p> <p>IP Rating: IP67 Efficacy: 28.59lm/W @5300K Lumen : 116lm/ft @4.57W</p>  <p>P23 Wattage Range: Up to 4.57W/ft</p>	<p><b>LINIO NEON 1615 TV PIXEL RGBW</b></p> <p>IP Rating: IP67 Efficacy: 20.4lm/W @4000K Lumen : 125lm/ft @4.27W</p>  <p>P24 Wattage Range: Up to 4.27W/ft</p>
	<p><b>LINIO NEON 1615 SV TW</b></p> <p>IP Rating: IP67 Efficacy: 35.53lm/W @5300K Lumen : 316lm/ft @4.57W</p>  <p>P26 Wattage Range: Up to 4.57W/ft</p>	<p><b>LINIO NEON 1615 SV RGB</b></p> <p>IP Rating: IP67 Efficacy: 30lm/W Lumen : 137lm/ft @4.57W</p>  <p>P27 Wattage Range: Up to 4.57W/ft</p>	<p><b>LINIO NEON 1220 SV RGBW</b></p> <p>IP Rating: IP67 Efficacy: 32.8lm/W @5300K Lumen : 77lm/ft @4.57W</p>  <p>P32 Wattage Range: Up to 4.57W/ft</p>	<p><b>LINIO NEON 1220 SV PIXEL RGBW</b></p> <p>IP Rating: IP67 Efficacy: 37lm/W Lumen : 48lm/ft @4.27W</p>  <p>P33 Wattage Range: Up to 4.27W/ft</p>
	<p><b>LINIO NEON 1220 SV TW</b></p> <p>IP Rating: IP67 Efficacy: 35.11lm/W @5300K Lumen : 145lm/ft @4.57W</p>  <p>P30 Wattage Range: Up to 4.57W/ft</p>	<p><b>LINIO NEON 1220 SV RGB</b></p> <p>IP Rating: IP67 Efficacy: 15.69lm/W Lumen : 52lm/ft @3.35W</p>  <p>P31 Wattage Range: Up to 3.35W/ft</p>		

## SERIES

LINIO NEON EOS ▾

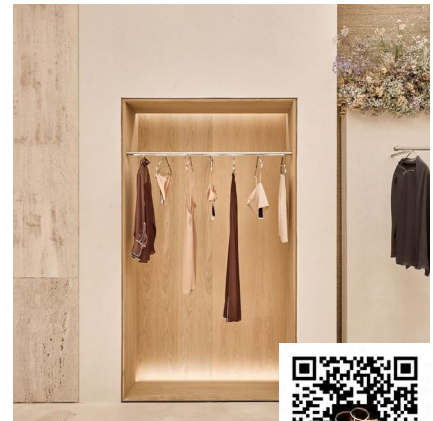
LINIO NEON 1617

LINIO NEON 1615

LINIO NEON 1220

LINIO NEON 360°

# LINIO NEON EOS TV HE



### Features

- Field cuttable & joinable
- Hybrid neon tape, completely dot-free
- UV stable without yellowing or cracking over time

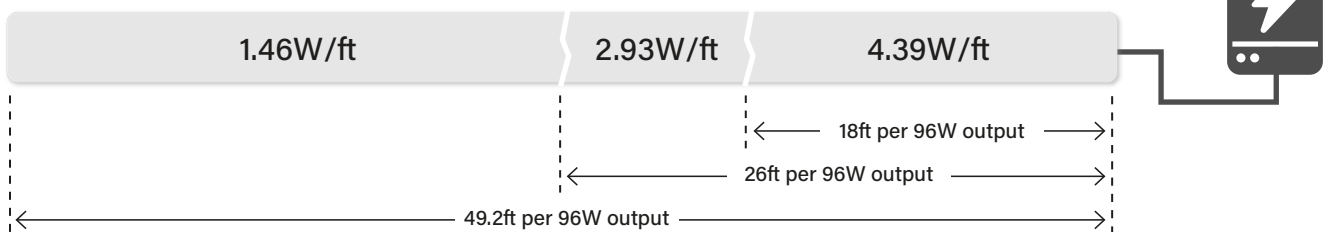
### Specs

Bending Direction	Vertical / top bend
Voltage	24VDC
Dimension	0.39 in x 0.17 in
CRI	Ra>90
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp
Certification	UL

### Lumen

Lumen/ft	1.46W	2.93W	4.39W
2200K	128	256	384
2700K	137	274	412
3000K	146	292	439
3500K	149	290	448
4000K	149	299	448
5700K	149	299	448
Max. Run Length	49.2ft (90W)	49.2ft (180W)	32.8ft (180W)
Cut Interval	0.98 in	0.98 in	0.98 in

### Max Run for Class 2 Low Voltage



### Compatible Channels

Surface Channel (LNEOS-SC-10)	Recessed Channel (LNEOS-RC-10)	Light-block Channel (LNEOS-LBC-10)	Bendable Channel (LNEOS-BC-10)	Mounting Clip (LNEOS-CL-10)

\*All power requirements on this page include an 80% power supply buffer.

## SERIES

LINIO NEON EOS ▼	LINIO NEON 1617	LINIO NEON 1615	LINIO NEON 1220	LINIO NEON 360°
------------------	-----------------	-----------------	-----------------	-----------------

# LINIO NEON EOS TV



### Features

- Field cuttable & joinable
- Hybrid neon tape, completely dot-free
- UV stable without yellowing or cracking over time

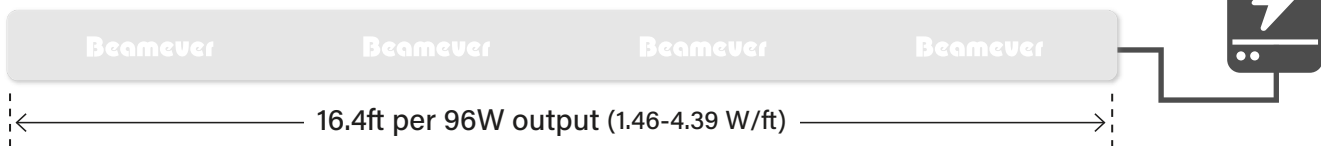
### Specs

Bending Direction	Vertical / top bend
Voltage	24VDC
Dimension	0.39 in x 0.16 in
CRI	Ra>90
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp
Certification	UL

### Lumen

Lumen/ft	1.46W	2.93W	4.39W
2200K	84	168	252
2700K	91	208	274
3000K	95	217	284
3500K	93	224	279
4000K	96	237	288
5700K	95	189	284
Max. Run Length	16.4ft (30W)	16.4 ft (60W)	16.4 ft (90W)
Cut Interval	0.98 in	0.98 in	0.98 in

### Max Run for Class 2 Low Voltage



### Compatible Channels

Surface Channel (LNEOS-SC-10)	Recessed Channel (LNEOS-RC-10)	Light-block Channel (LNEOS-LBC-10)	Bendable Channel (LNEOS-BC-10)	Mounting Clip (LNEOS-CL-10)

\*All power requirements on this page include an 80% power supply buffer.



## SERIES

LINIO NEON EOS

**LINIO NEON 1617** ▼

LINIO NEON 1615

LINIO NEON 1220

LINIO NEON 360°

# LINIO NEON 1617 TV



### Features

- Field cuttable & joinable
- Max run length up to 115ft from single power feed
- UV stable without yellowing or cracking over time

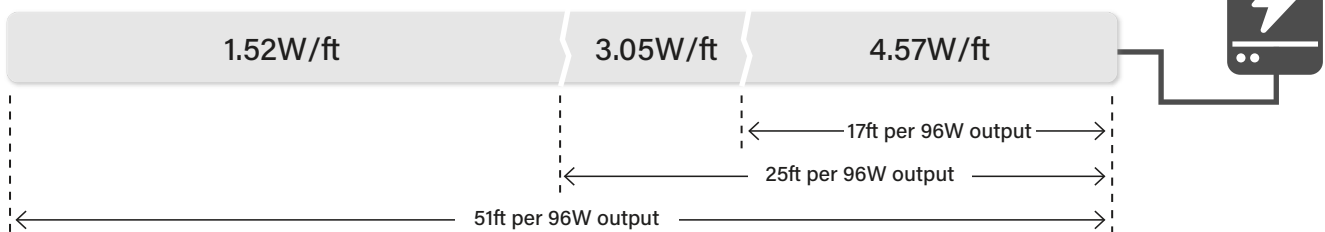
### Specs

Bending Direction	Vertical / top bend
Voltage	24VDC
Dimension	0.63 in x 0.67 in
CRI	Ra>90
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp/wet
Certification	UL

### Lumen

Lumen/ft	1.52W	3.05W	4.57W
2200K	73	143	206
2700K	74	148	212
3000K	80	158	227
3500K	84	166	238
4000K	84	165	238
5300K	79	157	224
Max. Run Length	115ft (219W)	82ft (313W)	65.6ft (375W)

### Max Run for Class 2 Low Voltage



### Compatible Channels

Surface Channel (LN1617-SC)	Bendable Surface Channel (LN1617-BC)	Recessed Channel (LN1617-RSC)	Mud-in Channel (LN1617-MC)	Bendable Mud-in Channel (LN1617-BMC)	Mounting Clip (LN1617-CL)

\*All power requirements on this page include an 80% power supply buffer.



## SERIES

LINIO NEON EOS

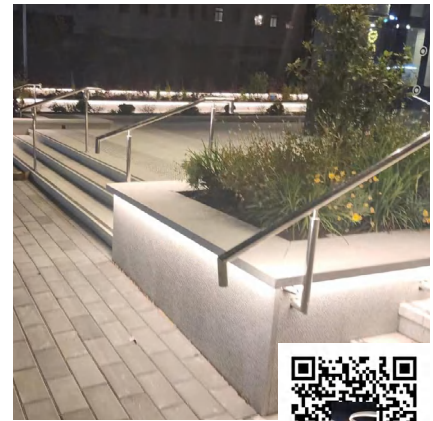
**LINIO NEON 1617** ▼

LINIO NEON 1615

LINIO NEON 1220

LINIO NEON 360°

# LINIO NEON 1617 SV



### Features

- Field cuttable & joinable
- Max run length up to 115ft from single power feed
- UV stable without yellowing or cracking over time

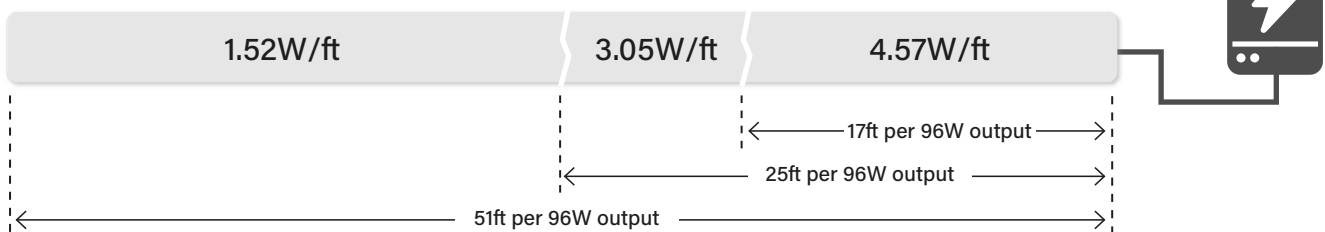
### Specs

Bending Direction	Horizontal / side bend
Voltage	24VDC
Dimension	0.63 in x 0.67 in
CRI	Ra>90
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp/wet
Certification	UL

### Lumen

Lumen/ft	1.52W	3.05W	4.57W
2200K	59	111	171
2700K	64	120	180
3000K	69	126	193
3500K	72	135	198
4000K	69	129	193
5300K	64	126	184
Max. Run Length	115ft (219W)	82ft (313W)	65.6ft (375W)

### Max Run for Class 2 Low Voltage



### Compatible Channels

Surface Channel (LN1617-SC)	Bendable Surface Channel (LN1617-BC)	Recessed Channel (LN1617-RSC)	Mud-in Channel (LN1617-MC)	Bendable Mud-in Channel (LN1617-BMC)	Mounting Clip (LN1617-CL)

\*All power requirements on this page include an 80% power supply buffer.

## SERIES

LINIO NEON EOS	LINIO NEON 1617	LINIO NEON 1615 ▼	LINIO NEON 1220	LINIO NEON 360°
----------------	-----------------	-------------------	-----------------	-----------------

# LINIO NEON 1615 TV



### Features

- Field cuttable & joinable
- Max run length up to 89ft from single power feed
- UV stable without yellowing or cracking over time

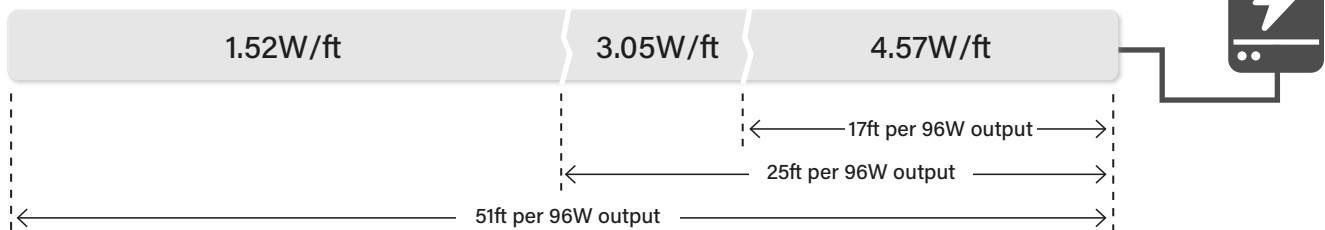
### Specs

Bending Direction	Vertical / top bend
Voltage	24VDC
Dimension	0.63 in x 0.59 in
CRI	Ra>90
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp/wet
Certification	UL

### Lumen

Lumen/ft	1.52W	3.05W	4.57W
2700K	70	139	193
3000K	72	143	197
3500K	73	142	201
4000K	74	146	205
Max. Run Length	89 ft (168W)	56 ft (213W)	46 ft (262W)
Cut Interval	1.97 in	1.97 in	1.97 in

### Max Run for Class 2 Low Voltage



### Compatible Channels

Surface Channel (LN1615-SC)	Recessed Channel (LN1615-RSC)	Bendable Channel (LN1615-BC)	Mounting Clip (LN1615-CL)

\*All power requirements on this page include an 80% power supply buffer.



## SERIES

LINIO NEON EOS	LINIO NEON 1617	<b>LINIO NEON 1615 ▼</b>	LINIO NEON 1220	LINIO NEON 360°
----------------	-----------------	--------------------------	-----------------	-----------------

# LINIO NEON 1615 TV TW



### Features

- Field cuttable & joinable
- Tunable white, CCT changing from 2700K to 5300K
- UV stable without yellowing or cracking over time

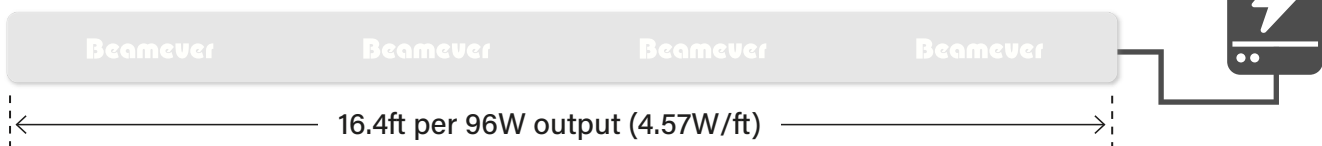
### Specs

Bending Direction	Vertical / top bend
Voltage	24VDC
Dimension	0.63 in x 0.59 in
CRI	Ra>80
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp/wet
Certification	UL

### Lumen

<b>Lumen/ft</b>	<b>4.57W</b>
2700K	103
5300K	109
2700K+5300K	197
Max. Run Length	16.4 ft (94W)
Cut Interval	1.97 in

### Max Run for Class 2 Low Voltage



### Compatible Channels

Surface Channel (LN1615-SC)	Recessed Channel (LN1615-RSC)	Bendable Channel (LN1615-BC)	Mounting Clip (LN1615-CL)

\*All power requirements on this page include an 80% power supply buffer.

## SERIES

LINIO NEON EOS	LINIO NEON 1617	<b>LINIO NEON 1615 ▼</b>	LINIO NEON 1220	LINIO NEON 360°
----------------	-----------------	--------------------------	-----------------	-----------------

# LINIO NEON 1615 TV RGB



### Features

- Field cuttable & joinable
- RGB allows for versatile lighting effects
- UV stable without yellowing or cracking over time

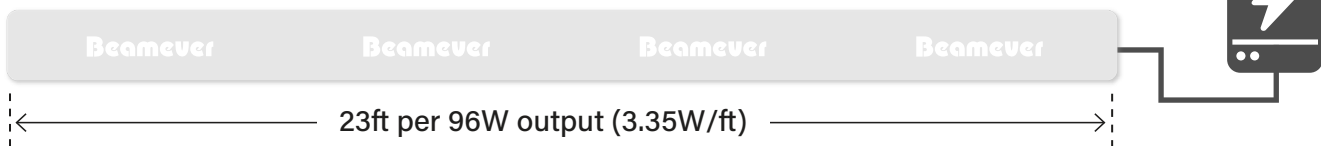
### Specs

Bending Direction	Vertical / top bend
Voltage	24VDC
Dimension	0.63 in x 0.59 in
CRI	N/A
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp/wet
Certification	UL

### Lumen

Lumen/ft	3.35W
R	14
G	61
B	10
RGB	85
Max. Run Length	43 ft (179W)
Cut Interval	4.92 in

### Max Run for Class 2 Low Voltage



### Compatible Channels

Surface Channel (LN1615-SC)	Recessed Channel (LN1615-RSC)	Bendable Channel (LN1615-BC)	Mounting Clip (LN1615-CL)

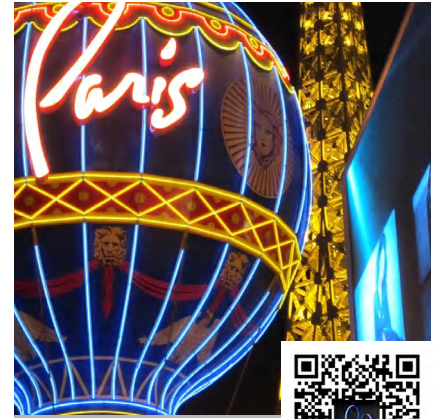
\*All power requirements on this page include an 80% power supply buffer.



## SERIES

LINIO NEON EOS	LINIO NEON 1617	<b>LINIO NEON 1615 ▼</b>	LINIO NEON 1220	LINIO NEON 360°
----------------	-----------------	--------------------------	-----------------	-----------------

# LINIO NEON 1615 TV RGBW



### Features

- Field cuttable & joinable
- RGBW allows for versatile lighting effects
- UV stable without yellowing or cracking over time

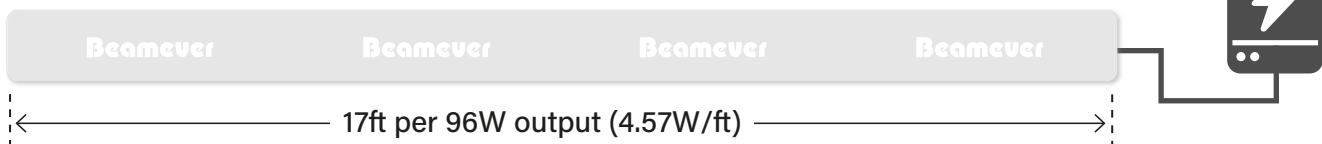
### Specs

Bending Direction	Vertical / top bend
Voltage	24VDC
Dimension	0.63 in x 0.59 in
CRI	N/A
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp/wet
Certification	UL

### Lumen

<b>Lumen/ft</b>	<b>4.57W</b>
■ R	14
■ G	42
■ B	11
■ W27	40
■ W40	47
■ W53	58
■ RGBW40	116
Max. Run Length	33 ft (187W)
Cut Interval	4.92 in

### Max Run for Class 2 Low Voltage



### Compatible Channels

Surface Channel (LN1615-SC)	Recessed Channel (LN1615-RSC)	Bendable Channel (LN1615-BC)	Mounting Clip (LN1615-CL)

\*All power requirements on this page include an 80% power supply buffer.

## SERIES

LINIO NEON EOS	LINIO NEON 1617	<b>LINIO NEON 1615 ▼</b>	LINIO NEON 1220	LINIO NEON 360°
----------------	-----------------	--------------------------	-----------------	-----------------

# LINIO NEON 1615 TV PIXEL RGBW



### Features

- Field cuttable & joinable
- Color chasing effects
- UV stable without yellowing or cracking over time

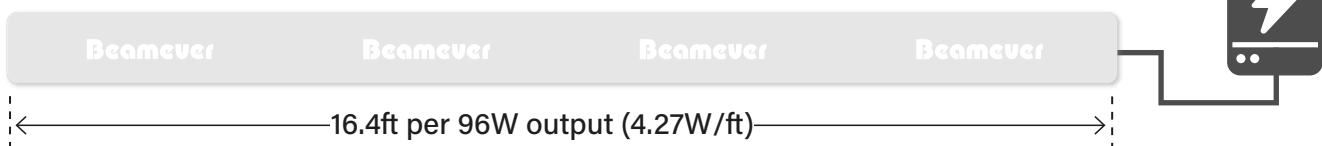
### Specs

Bending Direction	Vertical / top bend
Voltage	24VDC
Dimension	0.63 in x 0.59 in
CRI	N/A
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp/wet
Certification	UL

### Lumen

<b>Lumen/ft</b>	<b>4.27W</b>
■ R	15
■ G	39
■ B	12
■ W27	46
■ W40	43
■ W53	127
■ RGBW40	125
Max. Run Length	<b>16.4 ft (88W)</b>
Cut Interval	4.92 in

### Max Run for Class 2 Low Voltage



### Compatible Channels

Surface Channel (LN1615-SC)	Recessed Channel (LN1615-RSC)	Bendable Channel (LN1615-BC)	Mounting Clip (LN1615-CL)

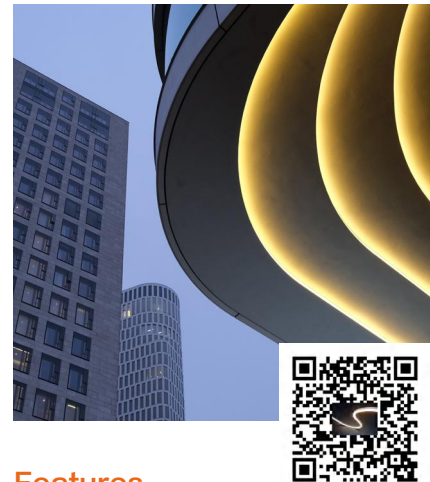
\*All power requirements on this page include an 80% power supply buffer.



## SERIES

LINIO NEON EOS	LINIO NEON 1617	<b>LINIO NEON 1615 ▼</b>	LINIO NEON 1220	LINIO NEON 360°
----------------	-----------------	--------------------------	-----------------	-----------------

# LINIO NEON 1615 SV



### Features

- Field cuttable & joinable
- Max run length up to 82 ft from single power feed
- UV stable without yellowing or cracking over time

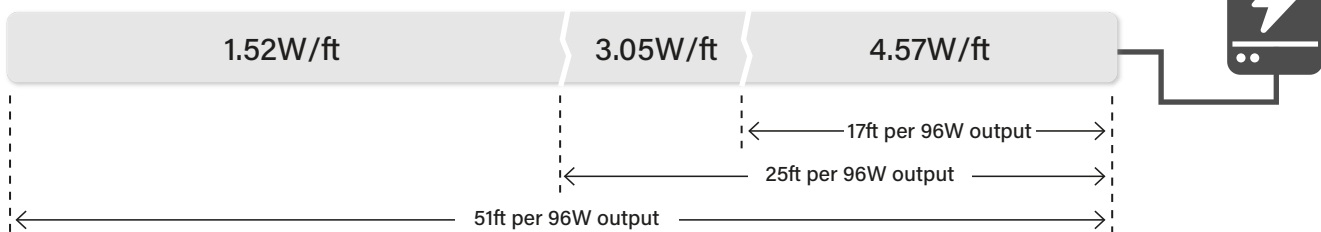
### Specs

Bending Direction	Horizontal / side bend
Voltage	24VDC
Dimension	0.63 in x 0.59 in
CRI	Ra>90
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp/wet
Certification	UL

### Lumen

Lumen/ft	1.52W	3.05W	4.57W
2700K	108	188	287
3000K	89	195	250
3500K	103	200	272
4000K	118	207	312
5300K	123	228	325
Max. Run Length	82 ft (156W)	56 ft (214W)	43 ft (246W)
Cut Interval	1.97 in	1.97 in	1.97 in

### Max Run for Class 2 Low Voltage



### Compatible Channels

Surface Channel (LN1615-SC)	Recessed Channel (LN1615-RSC)	Bendable Channel (LN1615-BC)	Mounting Clip (LN1615-CL)

\*All power requirements on this page include an 80% power supply buffer.



## SERIES

LINIO NEON EOS	LINIO NEON 1617	<b>LINIO NEON 1615 ▼</b>	LINIO NEON 1220	LINIO NEON 360°
----------------	-----------------	--------------------------	-----------------	-----------------

# LINIO NEON 1615 SV TW



### Features

- Field cuttable & joinable
- Tunable white, CCT changing from 2700K to 5300K
- UV stable without yellowing or cracking over time

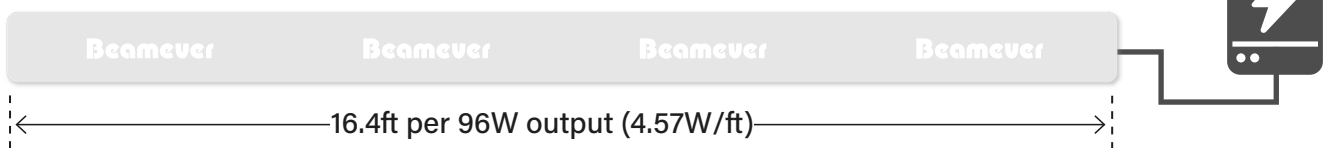
### Specs

Bending Direction	Horizontal / side bend
Voltage	24VDC
Dimension	0.63 in x 0.59 in
CRI	Ra>80
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp/wet
Certification	UL

### Lumen

<b>Lumen/ft</b>	<b>4.57W</b>
2700K	155
5300K	163
2700K+5300K	316
Max. Run Length	16.4 ft (94W)
Cut Interval	1.97 in

### Max Run for Class 2 Low Voltage



### Compatible Channels

Surface Channel (LN1615-SC)	Recessed Channel (LN1615-RSC)	Bendable Channel (LN1615-BC)	Mounting Clip (LN1615-CL)

\*All power requirements on this page include an 80% power supply buffer.



## SERIES

LINIO NEON EOS	LINIO NEON 1617	<b>LINIO NEON 1615 ▼</b>	LINIO NEON 1220	LINIO NEON 360°
----------------	-----------------	--------------------------	-----------------	-----------------

# LINIO NEON 1615 SV RGB



### Features

- Field cuttable & joinable
- RGB allows for versatile lighting effects
- UV stable without yellowing or cracking over time



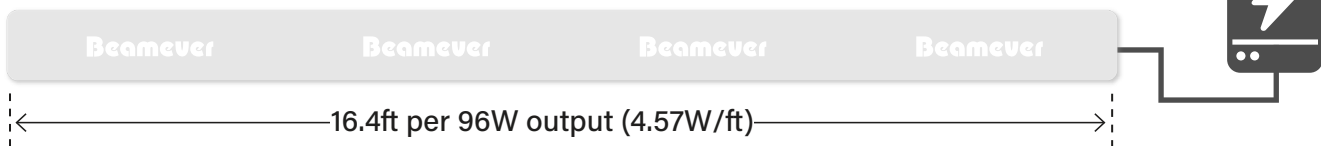
### Specs

Bending Direction	Horizontal / side bend
Voltage	24VDC
Dimension	0.63 in x 0.59 in
CRI	N/A
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp/wet
Certification	UL

### Lumen

<b>Lumen/ft</b>	<b>4.57W</b>
■ R	34
■ G	91
■ B	15
■ RGB	137
Max. Run Length	<b>16.4 ft (96W)</b>
Cut Interval	2.46 in

### Max Run for Class 2 Low Voltage



### Compatible Channels

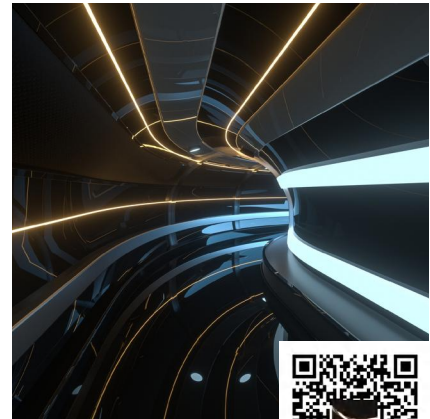
Surface Channel (LN1615-SC)	Recessed Channel (LN1615-RSC)	Bendable Channel (LN1615-BC)	Mounting Clip (LN1615-CL)

\*All power requirements on this page include an 80% power supply buffer.

## SERIES

LINIO NEON EOS	LINIO NEON 1617	<b>LINIO NEON 1615 ▼</b>	LINIO NEON 1220	LINIO NEON 360°
----------------	-----------------	--------------------------	-----------------	-----------------

# LINIO NEON 1615 3D



### Features

- Field cuttable & joinable
- 3D bending design for curve installations
- UV stable without yellowing or cracking over time



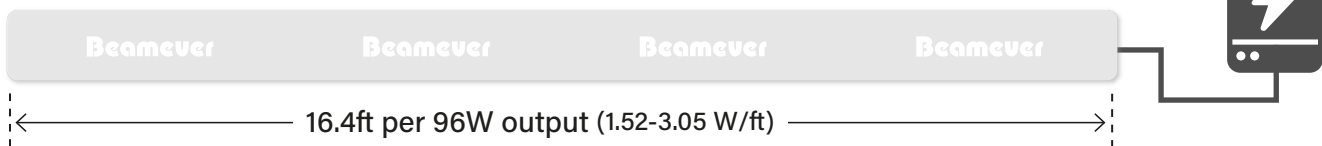
### Specs

Bending Direction	Dual bending
Voltage	24VDC
Dimension	0.63 in x 0.59 in
CRI	Ra>90
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp/wet
Certification	UL

### Lumen

Lumen/ft	1.52W	3.05W
2700K	82	181
3000K	86	185
3500K	86	185
4000K	88	195
5000K	82	172
Max. Run Length	16.4 ft (31W)	16.4 ft (63W)
Cut Interval	1.97 in	1.97 in

### Max Run for Class 2 Low Voltage



### Compatible Channels

Surface Channel (LN1615-SC)	Recessed Channel (LN1615-RSC)	Bendable Channel (LN1615-BC)	Mounting Clip (LN1615-CL)

\*All power requirements on this page include an 80% power supply buffer.



## SERIES

LINIO NEON EOS	LINIO NEON 1617	LINIO NEON 1615	LINIO NEON 1220 ▼	LINIO NEON 360°
----------------	-----------------	-----------------	-------------------	-----------------

# LINIO NEON 1220 SV



### Features

- Field cuttable & joinable
- IP67 rated, ideal for indoor and outdoor uses
- UV stable without yellowing or cracking over time



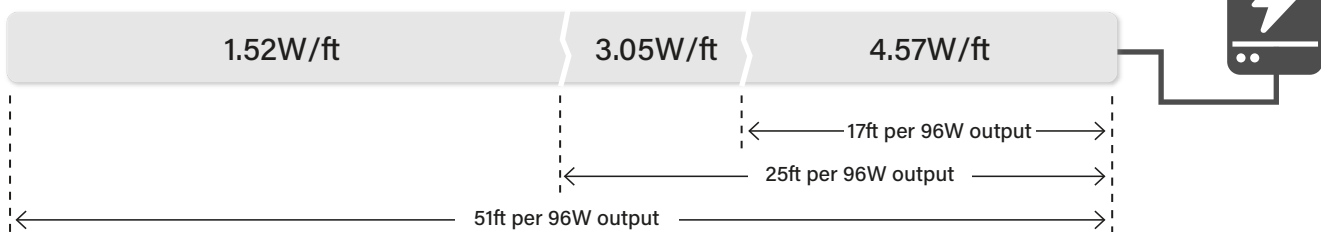
### Specs

Bending Direction	Horizontal / side bend
Voltage	24VDC
Dimension	0.47 in x 0.79 in
CRI	Ra>90
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp/wet
Certification	UL

### Lumen

Lumen/ft	1.52W	3.05W	4.57W
2700K	46	92	125
3000K	44	88	124
3500K	47	92	127
4000K	51	101	140
Max. Run Length	89 ft (168W)	56 ft (213W)	39 ft (225W)
Cut Interval	1.97 in	1.97 in	1.97 in

### Max Run for Class 2 Low Voltage



### Compatible Channels

Surface Channel (LN1220-SC)	Recessed Channel (LN1220-RSC)	Bendable Channel (LN1220-BC)	Mounting Clip (LN1220-CL)

\*All power requirements on this page include an 80% power supply buffer.

## SERIES

LINIO NEON EOS	LINIO NEON 1617	LINIO NEON 1615	LINIO NEON 1220 ▼	LINIO NEON 360°
----------------	-----------------	-----------------	-------------------	-----------------

# LINIO NEON 1220 SV TW



### Features

- Field cuttable & joinable
- Tunable white, CCT changing from 2700K to 5300K
- UV stable without yellowing or cracking over time



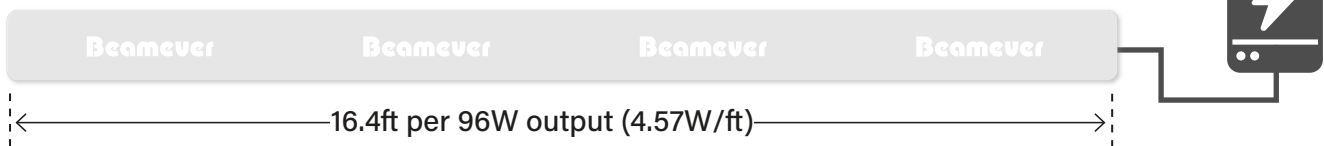
### Specs

Bending Direction	Horizontal / side bend
Voltage	24VDC
Dimension	0.47 in x 0.79 in
CRI	Ra>80
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp/wet
Certification	UL

### Lumen

<b>Lumen/ft</b>	<b>4.57W</b>
■ 2700K	77
□ 5300K	73
■ 2700K+5300K	145
Max. Run Length	<b>16.4 ft (94W)</b>
Cut Interval	1.97 in

### Max Run for Class 2 Low Voltage



### Compatible Channels

Surface Channel (LN1220-SC)	Recessed Channel (LN1220-RSC)	Bendable Channel (LN1220-BC)	Mounting Clip (LN1220-CL)

\*All power requirements on this page include an 80% power supply buffer.



## SERIES

LINIO NEON EOS	LINIO NEON 1617	LINIO NEON 1615	LINIO NEON 1220 ▼	LINIO NEON 360°
----------------	-----------------	-----------------	-------------------	-----------------

# LINIO NEON 1220 SV RGB



### Features

- Field cuttable & joinable
- RGB allows for versatile lighting effects
- UV stable without yellowing or cracking over time

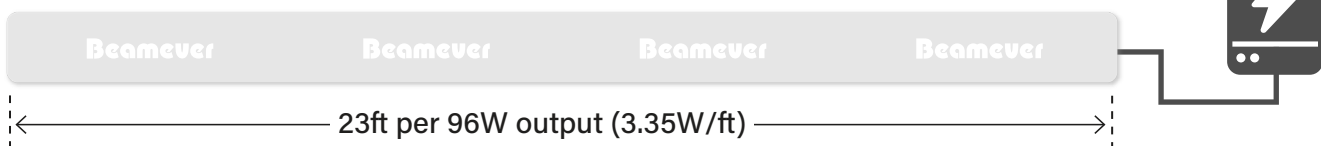
### Specs

Bending Direction	Horizontal / side bend
Voltage	24VDC
Dimension	0.47 in x 0.79 in
CRI	N/A
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp/wet
Certification	UL

### Lumen

Lumen/ft	3.35W
■ R	8
■ G	38
■ B	6
■ RGB	52
Max. Run Length	43 ft (180W)
Cut Interval	4.92 in

### Max Run for Class 2 Low Voltage



### Compatible Channels

Surface Channel (LN1220-SC)	Recessed Channel (LN1220-RSC)	Bendable Channel (LN1220-BC)	Mounting Clip (LN1220-CL)

\*All power requirements on this page include an 80% power supply buffer.

## SERIES

LINIO NEON EOS	LINIO NEON 1617	LINIO NEON 1615	LINIO NEON 1220 ▼	LINIO NEON 360°
----------------	-----------------	-----------------	-------------------	-----------------

# LINIO NEON 1220 SV RGBW



### Features

- Field cuttable & joinable
- RGBW allows for versatile lighting effects
- UV stable without yellowing or cracking over time



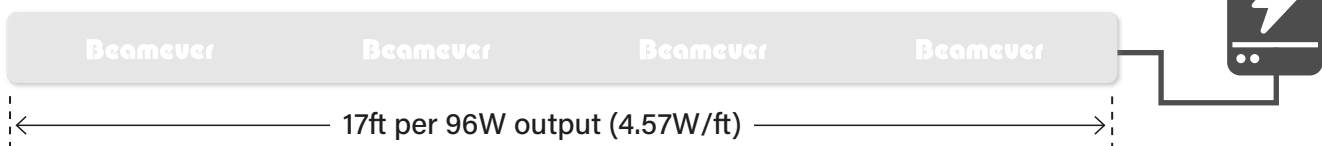
### Specs

Bending Direction	Horizontal / side bend
Voltage	24VDC
Dimension	0.47 in x 0.79 in
CRI	N/A
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp/wet
Certification	UL

### Lumen

Lumen/ft	4.57W
■ R	8
■ G	38
■ B	6
■ W27	28
■ W40	41
■ W53	38
■ RGBW40	77
Max. Run Length	32.8 ft (187W)
Cut Interval	4.92 in

### Max Run for Class 2 Low Voltage



### Compatible Channels

Surface Channel (LN1220-SC)	Recessed Channel (LN1220-RSC)	Bendable Channel (LN1220-BC)	Mounting Clip (LN1220-CL)

\*All power requirements on this page include an 80% power supply buffer.



## SERIES

LINIO NEON EOS	LINIO NEON 1617	LINIO NEON 1615	LINIO NEON 1220 ▼	LINIO NEON 360°
----------------	-----------------	-----------------	-------------------	-----------------

# LINIO NEON 1220 SV PIXEL RGBW



### Features

- Field cuttable & joinable
- 2 pixels/ft
- Color chasing effects
- UV stable without yellowing or cracking over time



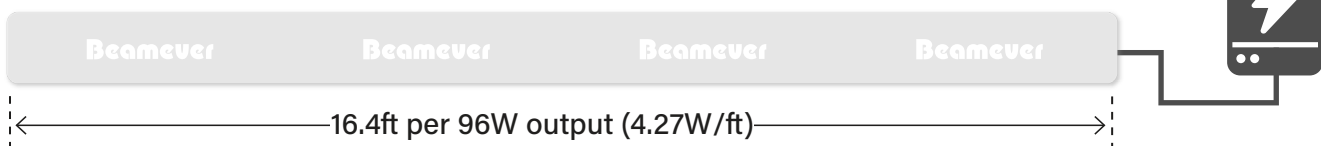
### Specs

Bending Direction	Horizontal / side bend
Voltage	24VDC
Dimension	0.47 in x 0.79 in
CRI	N/A
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp/wet
Certification	UL

### Lumen

<b>Lumen/ft</b>	<b>4.27W</b>
■ R	7
■ G	21
■ B	6
■ W27	36
■ W40	39
■ W53	37
■ RGBW40	48
Max. Run Length	16.4 ft (88W)
Cut Interval	4.92 in

### Max Run for Class 2 Low Voltage



### Compatible Channels

Surface Channel (LN1220-SC)	Recessed Channel (LN1220-RSC)	Bendable Channel (LN1220-BC)	Mounting Clip (LN1220-CL)

\*All power requirements on this page include an 80% power supply buffer.



## SERIES

LINIO NEON EOS	LINIO NEON 1617	LINIO NEON 1615	LINIO NEON 1220	LINIO NEON 360° ▼
----------------	-----------------	-----------------	-----------------	-------------------

# LINIO NEON 360°



### Features

- Factory-finished, no need for cutting or soldering
- Multiple mounting accessories for any design needs
- 360° emitting provides unparalleled creative possibilities

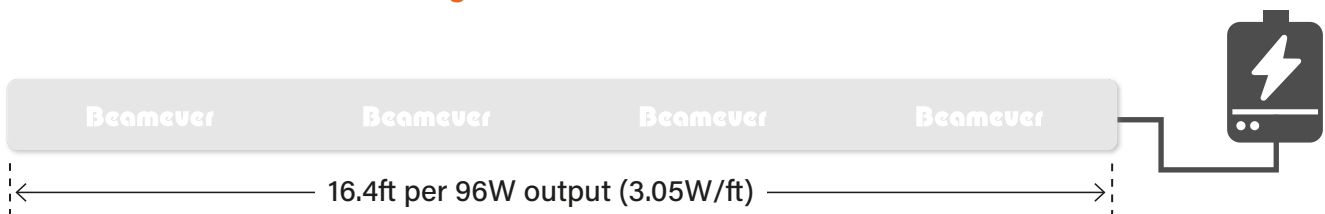
### Specs

Bending Direction	All-direction bend
Voltage	24VDC
Dimension	0.98 in (diameter)
CRI	Ra>90
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp
Certification	UL

### Lumen

<b>Lumen/ft</b>	<b>3.05W</b>
2700K	132
3000K	133
3500K	135
4000K	135
Max. Run Length	16.4 ft (63W)

### Max Run for Class 2 Low Voltage



\*All power requirements on this page include an 80% power supply buffer.



## Mouting Accessories

Surface Mount (Clear)			
LN360-SFC-O	LN360-SFC-C	LN360-SFC-L	LN360-SFC-PC

Suspended Mount (Clear)			
LN360-SPC-O	LN360-SPC-C	LN360-SPC-L	LN360-SPC-PC

Telescoping (Clear) - Length: 20~39 inch			
LN360-TLC-O	LN360-TLC-C	LN360-TLC-L	LN360-TLC-PC

Surface Joiner (Black)	
LN360-JNB-S	LN360-JNB-C

Surface Joiner (Clear)	
LN360-JNC-S	LN360-JNC-C

Suspended Joiner (Clear)	
LN360-JSC-S	LN360-JSC-C

Vertical Surface
LN360-VB

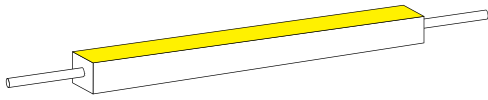
Vertical Suspended
LN360-VSB

U-shaped
LN360-UB

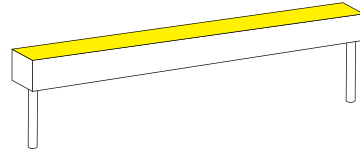


# FEED ENTRY OPTIONS FOR NEON

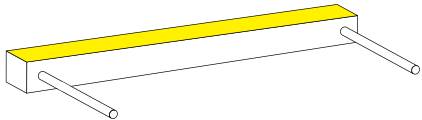
Front+Front feed entry (FF)



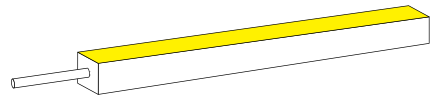
Bottom+Bottom feed entry (BB)



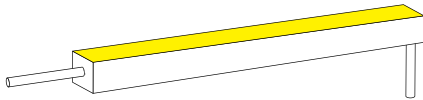
Side+Side feed entry (SS)



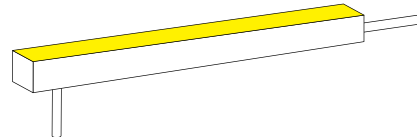
Front+Closed feed entry (FC)



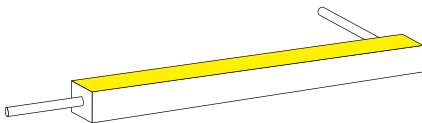
Front+Bottom feed entry (FB)



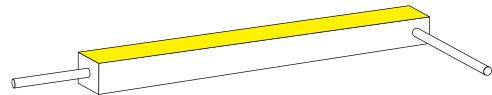
Bottom+Front feed entry (BF)



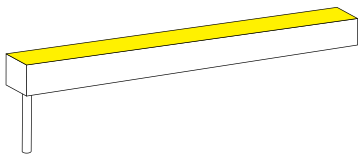
Front+Left Side feed entry (FLS)



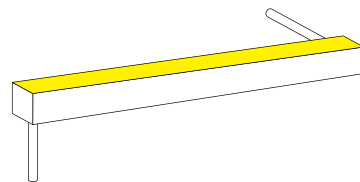
Front+Right Side feed entry (FRS)



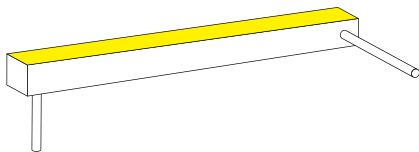
Bottom+Closed feed entry (BC)



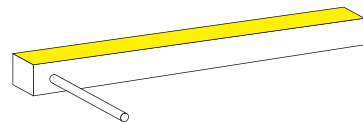
Bottom+Left Side feed entry (BLS)



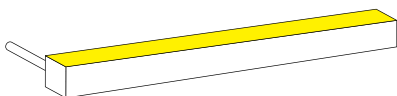
Bottom+Right Side feed entry (BRS)



Left Side+Closed feed entry (LSC)



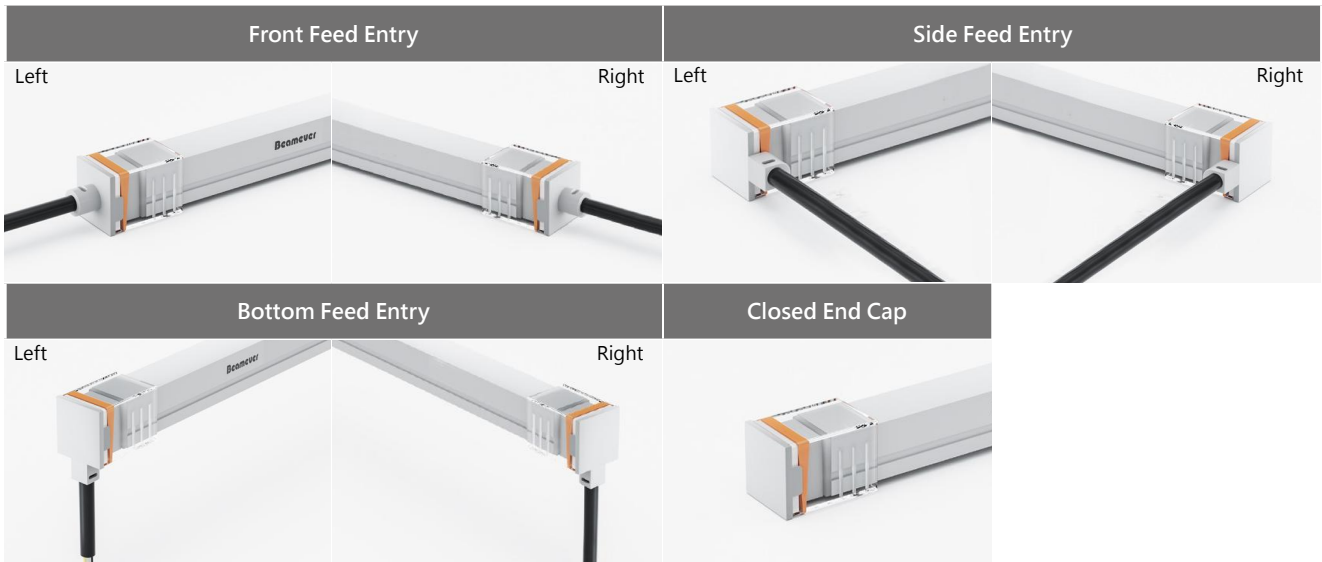
Right Side+Closed feed entry (RSC)



# NEON ACCESSORIES

## Mechanical End Cap (Screw-free)

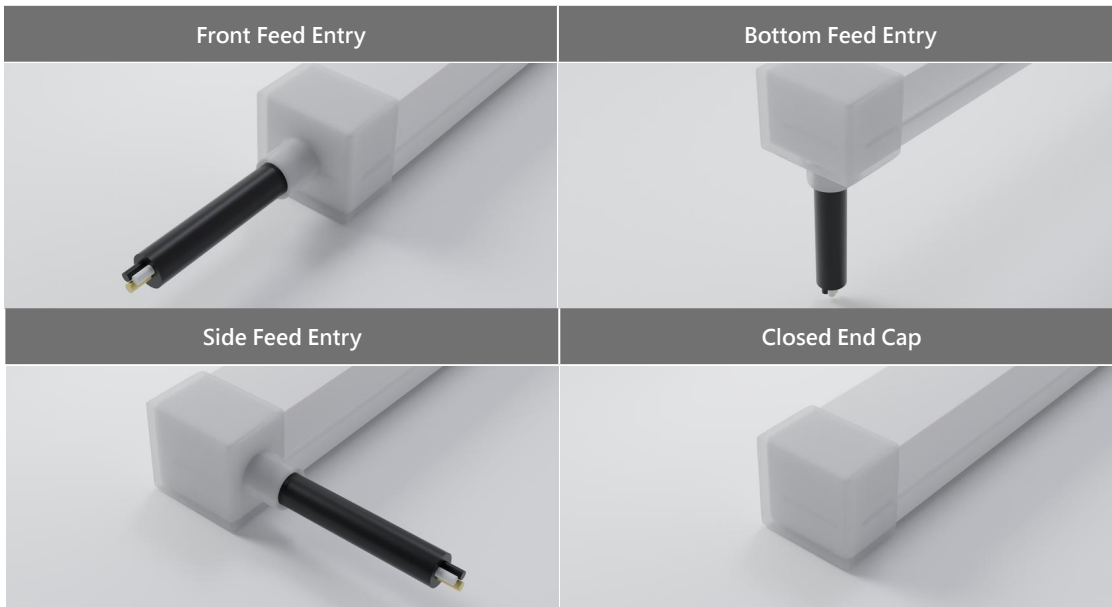
- For field cuttable and joinable neon in single color, tunable white, RGB and RGBW
- Installation-friendly, no need for screws to seal off the cut neon
- Front, bottom, side feed entry and closed end cap available for various applications



- ▲ All feed entries differ in polarity for left or side mechanical end cap, please specify feed entry direction and end cap direction when ordering extra mechanical end caps.
- ▲ All cables of mechanical end caps are in black color, unless otherwise specified.
- ▲ Mechanical end cap will reduce max. run length, consult Beamever for specific data.

## Silicone End Cap

- For field cuttable and joinable neon in different CCTs and colors
- Installation-friendly, without reducing max. run length of the neon
- Front, bottom, side feed entry and closed end cap available for various applications



- ▲ All cables of silicone end caps are in black color, unless otherwise specified

# NEON END CAP AVAILABILITY CHART

	Injected End Cap (Factory-assembled)	Mechanical End Cap (Screw / soldering free)	Silicone End Cap (Gluing)
LINIO NEON EOS TV	✓	✗	✓
LINIO NEON EOS TV HE	✓	✗	✓
LINIO NEON 1617 TV	✓	✗	✗
LINIO NEON 1617 SV	✓	✗	✗
LINIO NEON 1615 TV	✓	✓	✓
LINIO NEON 1615 TV TW	✓	✓	✓
LINIO NEON 1615 TV RGB	✓	✓	✓
LINIO NEON 1615 TV RGBW	✓	✓	✓
LINIO NEON 1615 TV PIXEL RGBW	✓	✗	✓
LINIO NEON 1615 SV	✓	✗	✓
LINIO NEON 1615 SV TW	✓	✗	✓
LINIO NEON 1615 SV RGB	✓	✗	✓
LINIO NEON 1615 3D	✓	✗	✓
LINIO NEON 1220 SV	✓	✓	✓
LINIO NEON 1220 SV TW	✓	✓	✓
LINIO NEON 1220 SV RGB	✓	✓	✓
LINIO NEON 1220 SV RGBW	✓	✓	✓
LINIO NEON 1220 SV PIXEL RGBW	✓	✗	✓
LINIO NEON 360°	✓	✗	✓



# LED TAPE

Slim, dotless, for interior lighting, under cabinet lighting etc.







# LED TAPE STATIC WHITE SERIES NAVIGATION MAP

## NOVA TAPE LONG RUN

IP Rating: IP20  
Efficacy: 85lm/W @4000K  
Lumen : 200lm/ft @2.13W



## NOVA TAPE SV

IP Rating: IP20  
Efficacy: 60lm/W @4000K  
Lumen : 172lm/ft @3.05W



## NOVA TAPE FREE CUT

IP Rating: IP20  
Efficacy: 60lm/W @4000K  
Lumen : 154lm/ft @3.05W



## NOVA TAPE S

IP Rating: IP20  
Efficacy: 115lm/W @4000K  
Lumen : 128lm/ft @1.52W



## NOVA TAPE

IP Rating: IP20  
Efficacy: 110lm/W @4000K  
Lumen : 451lm/ft @4.57W



## AERO TAPE

IP Rating: IP20  
Efficacy: 100lm/W @4000K  
Lumen : 698lm/ft @7.32W



## AERO TAPE HD

IP Rating: IP20  
Efficacy: 102lm/W @4000K  
Lumen : 695lm/ft @7.32W



## AERO TAPE IP65

IP Rating: IP65  
Efficacy: 97.5lm/W @4000K  
Lumen : 677lm/ft @7.32W



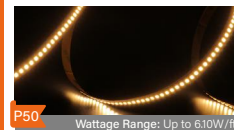
## AERO TAPE IP67

IP Rating: IP67  
Efficacy: 91lm/W @4000K  
Lumen : 628lm/ft @7.32W



## ALTA TAPE ULTRA

IP Rating: IP20  
Efficacy: 185lm/W @6500K 6.10W  
Lumen : 1037lm/ft @6.10W



Color Temp. 3000K

300lm

500lm

700lm

# LED TAPE DYNAMIC COLOR SERIES NAVIGATION MAP

DYNAMIC COLOR

DIM TO WARM

TUNABLE WHITE

RGBW

## AERO TAPE DTW

IP Rating: IP20  
Efficacy: 88lm/W  
Lumen : 447lm/ft @4.39W



## AERO TAPE MIRROR

IP Rating: IP20  
Efficacy: 95lm/W @ 4000K  
Lumen : 536lm/ft @5.64W



## BELA TAPE RGBW

IP Rating: IP20  
Efficacy: 48.1lm/W  
Lumen : 211lm/ft @4.39W



## NOVA TAPE DTW

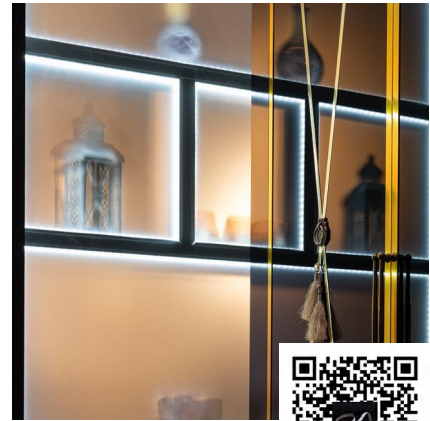
IP Rating: IP20  
Efficacy: 80lm/W @2700  
Lumen : 293lm/ft @3.66W



## SERIES

AERO TAPE ▼	ALTA TAPE	BELA TAPE	NOVA TAPE
-------------	-----------	-----------	-----------

## AERO TAPE



### Features

- Field cuttable & joinable
- Slim and elegant, ideal for indoor applications
- Available in a variety of CCT color options



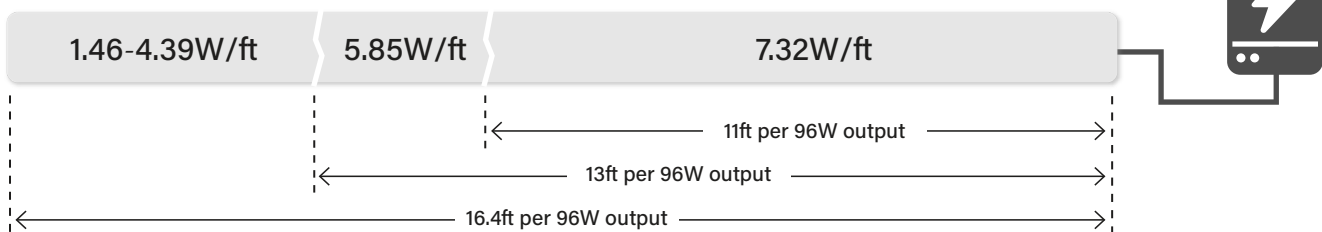
### Specs

Width	0.39 in
Voltage	24VDC
CRI	Ra>90
Warranty	5 years
Dimming	Dimmable
Environment	Dry
Certification	UL

### Lumen

Lumen/ft	1.46W	2.93W	4.39W	5.85W	7.32W
2700K	137	218	402	566	671
3000K	142	223	422	579	698
4000K	147	243	442	601	726
6500K	155	296	444	605	716
Max. Run Length	16.4 ft (30W)	16.4 ft (60W)	16.4 ft (90W)	16.4 ft (120W)	16.4 ft (150W)
Cut Interval	1.97 in	1.97 in	1.97 in	1.97 in	1.97 in

### Max Run for Class 2 Low Voltage



### Compatible Connectors

Strip to cable connector (AERO20-STC-2P-10)	Strip to strip connector (AERO20-ST5-2P-10)

\*All power requirements on this page include an 80% power supply buffer.



## SERIES

AERO TAPE ▼	ALTA TAPE	BELA TAPE	NOVA TAPE
-------------	-----------	-----------	-----------

## AERO TAPE DTW



### Features

- Channel-free, easy to mount on smooth surface
- Slim and elegant, ideal for indoor applications
- Dim to warm from 2100K to 3500K

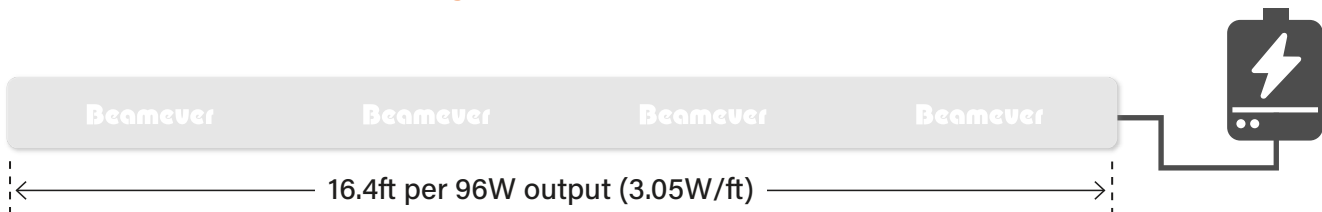
### Specs

PCB Width	0.39 in
Voltage	24VDC
CRI	Ra>80
Warranty	5 years
Dimming	Dimmable
Environment	Dry
Certification	UL

### Lumen

Lumen/ft	4.39W
Dim to Warm 2100K-3500K	447
Max. Run Length	16.4 ft (90W)
Cut Interval	3.94 in

### Max Run for Class 2 Low Voltage



### Compatible Connectors

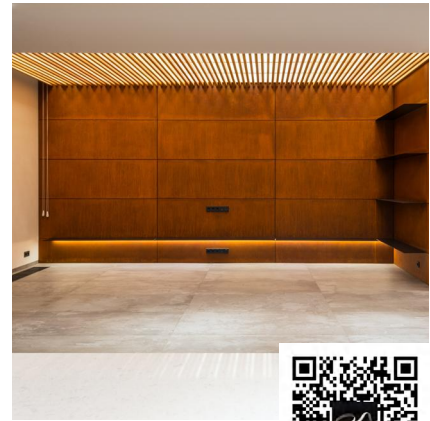
Strip to cable connector (AERO20-STC-2P-10)	Strip to strip connector (AERO20-STS-2P-10)

\*All power requirements on this page include an 80% power supply buffer.

## SERIES

AERO TAPE ▼	ALTA TAPE	BELA TAPE	NOVA TAPE
-------------	-----------	-----------	-----------

## AERO TAPE HD



### Features

- Field cuttable & joinable
- Slim and elegant, ideal for indoor applications
- Available in a variety of CCT color options

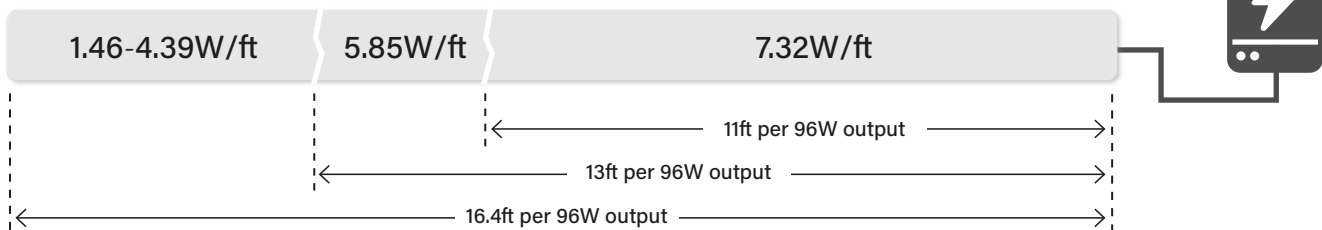
### Specs

Width	0.39 in
Voltage	24VDC
CRI	Ra>90
Warranty	5 years
Dimming	Dimmable
Environment	Dry
Certification	UL

### Lumen

Lumen/ft	1.46W	2.93W	4.39W	5.85W	7.32W
2700K	138	225	405	564	672
3000K	143	231	423	579	695
4000K	146	247	441	595	726
6500K	154	296	444	605	720
Max. Run Length	16.4 ft (30W)	16.4 ft (60W)	16.4 ft (90W)	16.4 ft (120W)	16.4 ft (150W)
Cut Interval	0.98 in	0.98 in	0.98 in	0.98 in	0.98 in

### Max Run for Class 2 Low Voltage



### Compatible Connectors

Strip to cable connector (AERO20-STC-2P-10)	Strip to strip connector (AERO20-STC-2P-10)

\*All power requirements on this page include an 80% power supply buffer.

## SERIES

AERO TAPE ▼	ALTA TAPE	BELA TAPE	NOVA TAPE
-------------	-----------	-----------	-----------

## AERO TAPE MIRROR



### Features

- Slim and elegant, ideal for mirror lighting application
- High brightness output and great energy efficiency

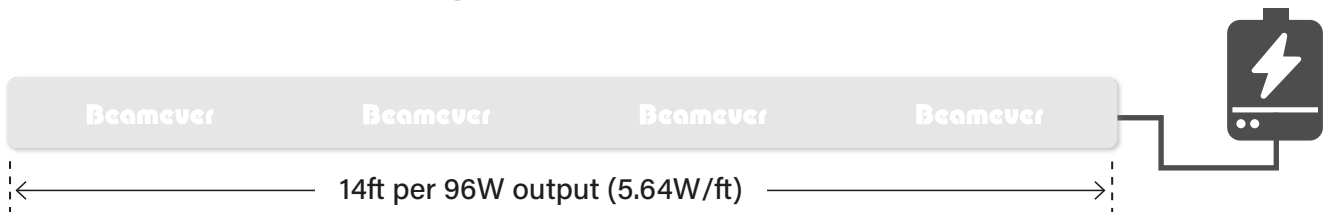
### Specs

PCB Width	0.39 in
Voltage	24VDC
CRI	Ra>95
Warranty	5 years
Dimming	Dimmable
Environment	Dry
Certification	UL

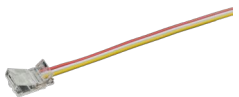

### Lumen

<b>Lumen/ft</b>	<b>5.64W</b>
2700K	255
6500K	277
2700K+6500K	523
Max. Run Length	32.8 ft (231W)
Cut Interval	1.97 in

### Max Run for Class 2 Low Voltage



### Compatible Connectors

Strip to cable Connector (AERO20-STC-3P-10)	Strip to Strip Connector (AERO20-STC-3P-10)
	

\*All power requirements on this page include an 80% power supply buffer.

## SERIES

AERO TAPE ▼	ALTA TAPE	BELA TAPE	NOVA TAPE
-------------	-----------	-----------	-----------

# AERO TAPE IP65



### Features

- Field cuttable
- Slim and elegant, ideal for damp locations
- Available in a variety of CCT color options

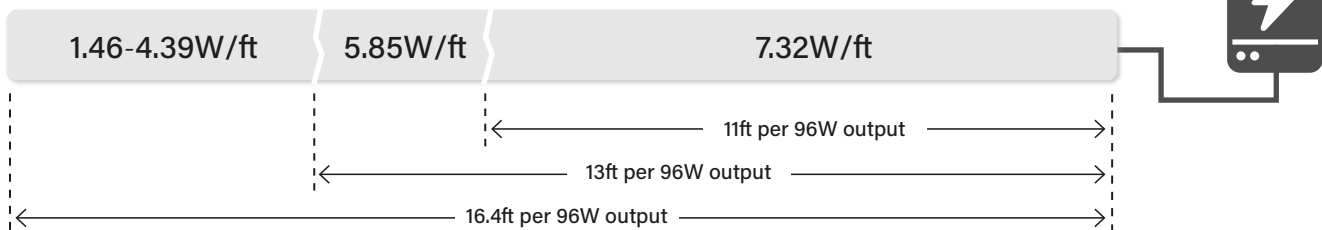
### Specs

Width	0.41 in
Voltage	24VDC
CRI	Ra>90
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp
Certification	UL

### Lumen

Lumen/ft	1.46W	2.93W	4.39W	5.85W	7.32W
2700K	133	212	390	549	651
3000K	138	216	409	562	677
4000K	142	236	429	583	704
6500K	150	287	431	587	695
Max. Run Length	16.4 ft (30W)	16.4 ft (60W)	16.4 ft (90W)	16.4 ft (120W)	16.4 ft (150W)
Cut Interval	1.97 in	1.97 in	1.97 in	1.97 in	1.97 in

### Max Run for Class 2 Low Voltage



### Mounting Options

Silicone closed end cap (AERO65-SEC-C)	Mounting clip (AERO65-CL)

\*All power requirements on this page include an 80% power supply buffer.



## SERIES

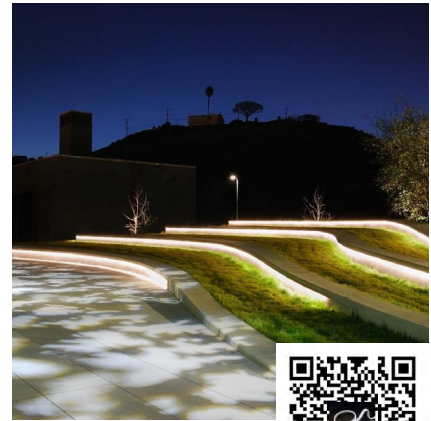
AERO TAPE ▾

ALTA TAPE

BELA TAPE

NOVA TAPE

## AERO TAPE IP67



24V  
DC

IP67

ORIGINAL  
FACTORY

### Features

- IP67 rated, ideal for indoor and outdoor uses
- Slim and elegant, ideal for outdoor applications
- Available in a variety of CCT color options

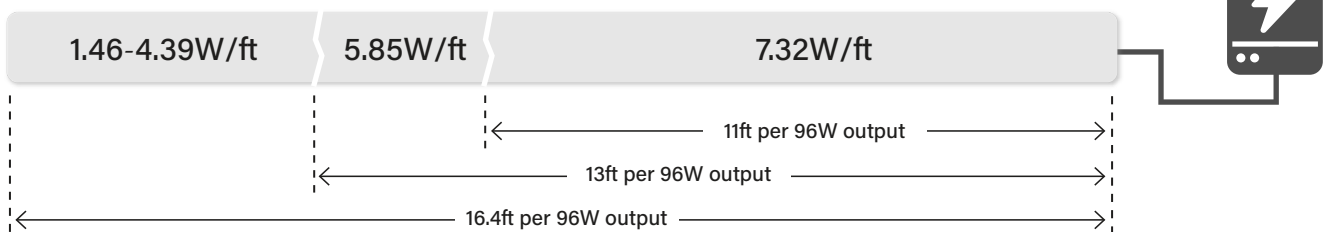
### Specs

Width	0.41 in
Voltage	24VDC
CRI	Ra>90
Warranty	5 years
Dimming	Dimmable
Environment	Dry/damp
Certification	UL

### Lumen

Lumen/ft	1.46W	2.93W	4.39W	5.85W	7.32W
2700K	123	204	362	510	604
3000K	128	207	380	521	628
4000K	132	223	398	541	653
6500K	139	266	400	546	645
Max. Run Length	16.4 ft (30W)	16.4 ft (60W)	16.4 ft (90W)	16.4 ft (120W)	16.4 ft (150W)
Cut Interval	1.97 in	1.97 in	1.97 in	1.97 in	1.97 in

### Max Run for Class 2 Low Voltage



### Mounting Options

Silicone closed end cap (AERO67-SEC-C)	Mounting clip (AERO67-CL)

\*All power requirements on this page include an 80% power supply buffer.

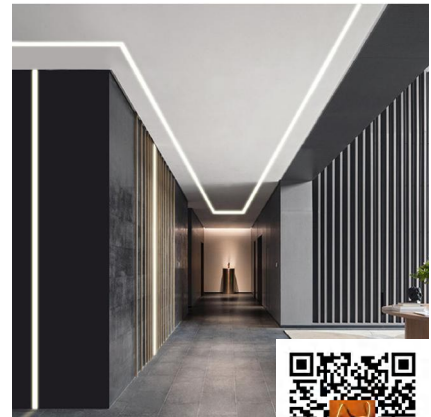




## SERIES

AERO TAPE	<b>ALTA TAPE ▼</b>	BELA TAPE	NOVA TAPE
-----------	--------------------	-----------	-----------

## ALTA TAPE ULTRA



### Features

- Field cuttable & joinable
- High efficacy up to 185lm/W (4000K)
- Available in a variety of CCT color options

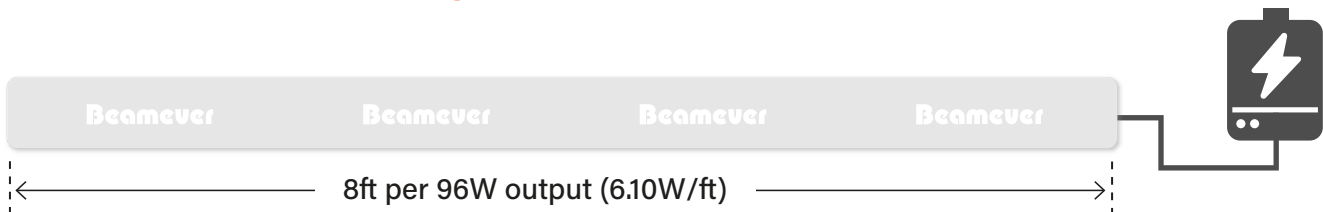
### Specs

PCB Width	0.39 in
Voltage	24VDC
CRI	Ra>90
Warranty	5 years
Dimming	Dimmable
Environment	Dry
Certification	UL

### Lumen

<b>Lumen/ft</b>	<b>6.10W</b>
2700K	991
3000K	1037
4000K	1128
6500K	1143
Max. Run Length	<b>8ft (61W)</b>
Cut Interval	1.97 in

### Max Run for Class 2 Low Voltage



### Compatible Connectors

Strip to cable connector (AERO20-STC-2P-10)	Strip to strip connector (AERO20-STC-2P-10)

\*All power requirements on this page include an 80% power supply buffer.



## SERIES

AERO TAPE	ALTA TAPE	<b>BELA TAPE ▼</b>	NOVA TAPE
-----------	-----------	--------------------	-----------

## BELA TAPE RGBW



### Features

- Field cuttable & joinable
- Slim and elegant, ideal for indoor applications
- RGBW allows for versatile lighting effects



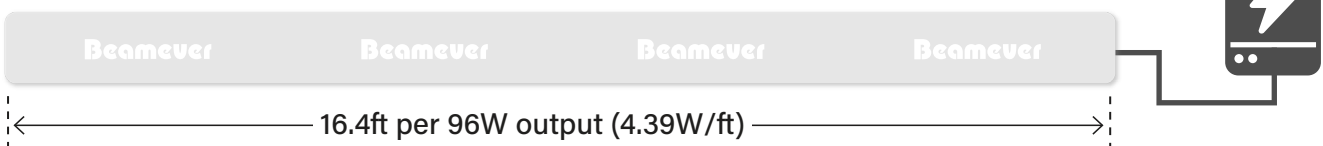
### Specs

PCB Width	0.47 in
Voltage	24VDC
CRI	Ra>90
Warranty	5 years
Dimming	Dimmable
Environment	Dry
Certification	UL

### Lumen

Lumen/ft	4.39W
■ R	32
■ G	81
■ B	23
■ W33	78
■ RGBW33	211
Max. Run Length	16.4ft (90W)
Cut Interval	3.94 in

### Max Run for Class 2 Low Voltage



### Compatible Channels

Strip to cable connector (BELA20-STC-5P-12)	Strip to strip connector (BELA20-STS-5P-12)

\*All power requirements on this page include an 80% power supply buffer.

## SERIES

AERO TAPE	ALTA TAPE	BELA TAPE	<b>NOVA TAPE</b> ▼
-----------	-----------	-----------	--------------------

## NOVA TAPE



### Features

- Field cuttable & joinable
- Slim and elegant, ideal for indoor applications
- Available in a variety of CCT color options

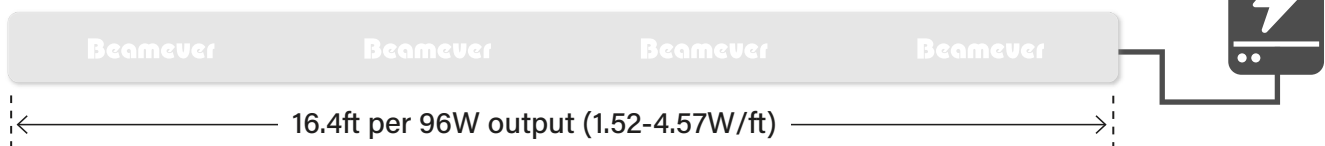
### Specs

Width	0.39 in
Voltage	24VDC
CRI	Ra90
Warranty	5 years
Dimming	Dimmable
Environment	Dry
Certification	UL

### Lumen

Lumen/ft	1.52W	3.05W	4.57W
2700K	155	244	421
3000K	168	246	451
4000K	191	257	488
6500K	183	256	494
Max. Run Length	16.4 ft (31W)	16.4 ft (63W)	16.4 ft (94W)
Cut Interval	1.97 in	1.97 in	1.97 in

### Max Run for Class 2 Low Voltage



### Compatible Connectors

Strip to Strip Connector (NOVA20-ST5-2P-10)	Strip to Strip Jumper Connector (NOVA20-ST5J-2P-10)	Strip to cable Connector (NOVA20-STC-2P-10)	L-shaped Connector (NOVA20-L-2P-10)

\*All power requirements on this page include an 80% power supply buffer.



## SERIES

AERO TAPE	ALTA TAPE	BELA TAPE	<b>NOVA TAPE ▼</b>
-----------	-----------	-----------	--------------------

## NOVA TAPE DTW



### Features

- Dot-free, easy to mount on smooth surface
- Slim and elegant, ideal for indoor applications
- Dim to warm from 2200K to 2700K



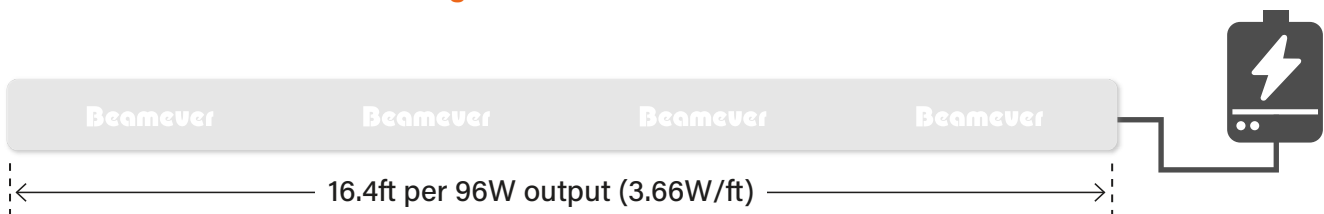
### Specs

PCB Width	0.39 in
Voltage	24VDC
CRI	Ra>80
Warranty	5 years
Dimming	Dimmable
Environment	Dry
Certification	UL

### Lumen

Lumen/ft	3.66W
Dim to Warm 2200K-2700K	293
Max. Run Length	16.4ft (75W)
Cut Interval	1.97 in

### Max Run for Class 2 Low Voltage



### Compatible Connectors

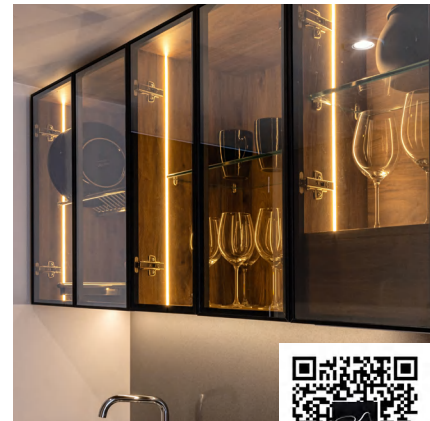
Strip to Strip Connector (NOVA20-ST5-2P-10)	Strip to Strip Jumper Connector (NOVA20-ST5J-2P-10)	Strip to cable Connector (NOVA20-STC-2P-10)	L-shaped Connector (NOVA20-L-2P-10)

\*All power requirements on this page include an 80% power supply buffer.

## SERIES

AERO TAPE	ALTA TAPE	BELA TAPE	<b>NOVA TAPE ▼</b>
-----------	-----------	-----------	--------------------

## NOVA TAPE S



### Features

- Field cuttable
- Ultra slim
- No need for channel profiles to achieve dot-free effect

**24V**  
**DC**

**CRI**  
**90+**

**ORIGINAL**  
**FACTORY**

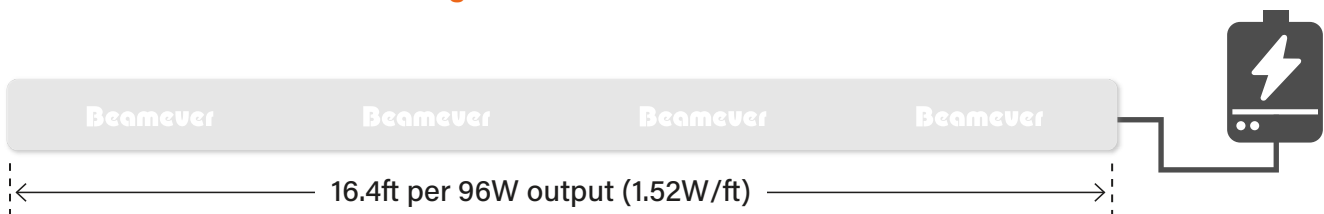
### Specs

Width	0.16 in
Voltage	24VDC
CRI	Ra>90
Warranty	5 years
Dimming	Dimmable
Environment	Dry
Certification	UL

### Lumen

<b>Lumen/ft</b>	<b>1.52W</b>
2700K	132
3000K	128
4000K	154
6500K	156
Max. Run Length	16.4ft (31W)
Cut Interval	1.97 in

### Max Run for Class 2 Low Voltage



\*All power requirements on this page include an 80% power supply buffer.



## SERIES

AERO TAPE	ALTA TAPE	BELA TAPE	<b>NOVA TAPE</b> ▼
-----------	-----------	-----------	--------------------

## NOVA TAPE LONG RUN



### Features

- Field cuttable & joinable
- Max. run length up to 66 ft
- No need for channel profiles to achieve dot-free effect



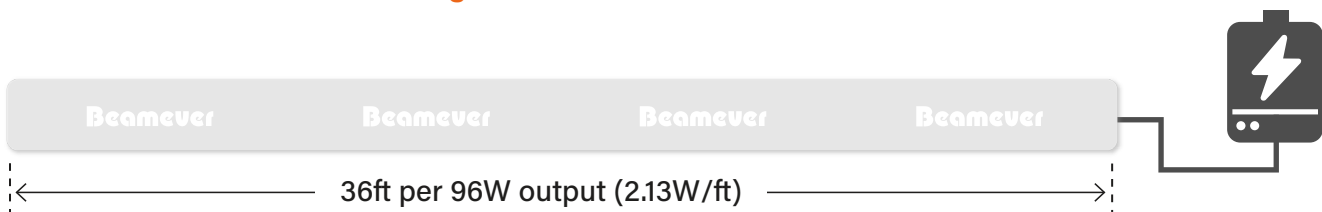
### Specs

Width	0.39 in
Voltage	24VDC
CRI	Ra>90
Warranty	5 years
Dimming	Dimmable
Environment	Dry
Certification	UL





### Lumen

<b>Lumen/ft</b>	<b>2.13W</b>
2700K	198
3000K	200
4000K	211
6500K	192
Max. Run Length	66 ft (175W)
Cut Interval	1.97 in

### Max Run for Class 2 Low Voltage



### Compatible Connectors

Strip to Strip Connector (NOVA20-ST5-2P-10)	Strip to Strip Jumper Connector (NOVA20-ST5J-2P-10)	Strip to cable Connector (NOVA20-STC-2P-10)	L-shaped Connector (NOVA20-L-2P-10)
			

\*All power requirements on this page include an 80% power supply buffer.

## SERIES

AERO TAPE	ALTA TAPE	BELA TAPE	<b>NOVA TAPE</b> ▼
-----------	-----------	-----------	--------------------

## NOVA TAPE FREE CUT



### Features

- Field cuttable & joinable
- Free cut at any point of the COB
- No need for channel profiles to achieve dot-free effect



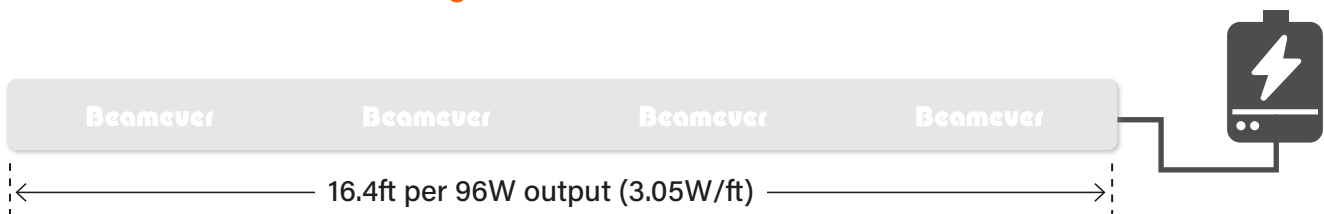
### Specs

Width	0.31 in
Voltage	24VDC
CRI	Ra>90
Warranty	5 years
Dimming	Dimmable
Environment	Dry
Certification	UL

### Lumen

<b>Lumen/ft</b>	<b>3.05W</b>
2700K	151
3000K	154
4000K	166
6500K	213
Max. Run Length	<b>16.4 ft (63W)</b>
Cut Interval	Free

### Max Run for Class 2 Low Voltage



### Compatible Connectors

Strip to Strip Connector (NOVA20-ST5-2P-8)	Strip to Strip Jumper Connector (NOVA20-ST5J-2P-8)	Strip to cable Connector (NOVA20-STC-2P-8)	L-shaped Connector (NOVA20-L-2P-8)

\*All power requirements on this page include an 80% power supply buffer.



## SERIES

AERO TAPE	ALTA TAPE	BELA TAPE	<b>NOVA TAPE</b> ▼
-----------	-----------	-----------	--------------------

## NOVA TAPE SV



### Features

- Field cuttable
- Slim side-emitting and dotless lighting
- No need for channel profiles to achieve dot-free effect

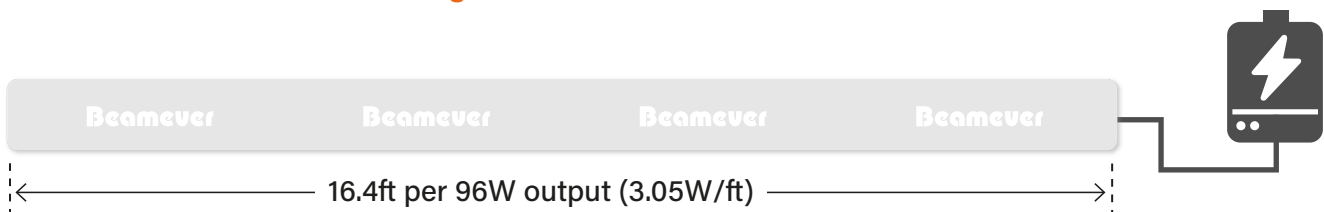
### Specs

Width	0.31 in
Voltage	24VDC
CRI	Ra>90
Warranty	5 years
Dimming	Dimmable
Environment	Dry
Certification	UL

### Lumen

Lumen/ft	3.05W
2400K	152
2700K	172
3800K	183
5100K	192
Max. Run Length	16.4 ft (63W)
Cut Interval	1.31 in

### Max Run for Class 2 Low Voltage



\*All power requirements on this page include an 80% power supply buffer.



# CHANNEL PROFILES

## TAPE-CHANNEL COMPATIBILITY CHART

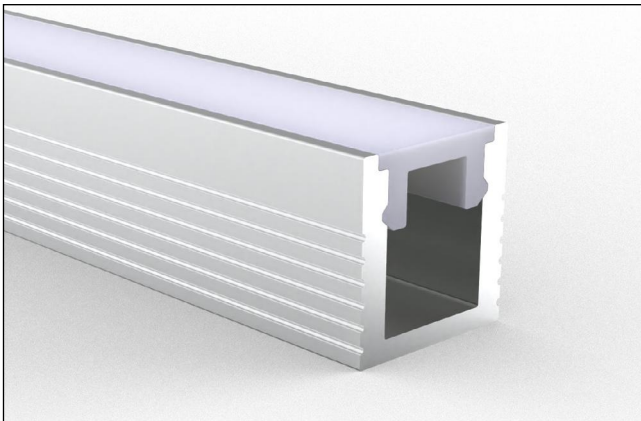
		AERO TAPE	AERO TAPE DTW	AERO TAPE HD	AERO TAPE MIRROR	AERO TAPE IP65	AERO TAPE IP67	ALTA TAPE ULTRA	BELA TAPE RGBW	NOVA TAPE	NOVA TAPE DTW	NOVA TAPE S	NOVA TAPE LONG RUN	NOVA TAPE FREE CUT
Surface	BE078	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗
Surface	BE1202	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✗
Surface	BE1610	✗	✗	✗	✗	✗	✓	✗	✓	✗	✗	✗	✗	✗
Recessed	BE078-1	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗
Recessed	BE1201	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✗
Recessed	BE2610	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✗
Angled	BE09	✗	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✗	✗
Angled	BE1002	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓	✗	✓	✓
Angled	BE1203	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✗
Mud-in	BE5615	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✗
Mud-in	BE3511	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✗
Mud-in	BE5917	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✗
Suspended	BE01	✗	✗	✗	✗	✗	✓	✗	✓	✗	✗	✗	✗	✗
Suspended	BE2020	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✗	✓	✗
Stairs	BE6728	✓	✓	✓	✓	✓	✗	✓	✗	✓	✓	✗	✓	✗

\* Above list contains the most popular channels of Beamever. We have a variety of channel options. Contact Beamever at [info@beamever.com](mailto:info@beamever.com) for more information.

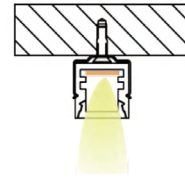
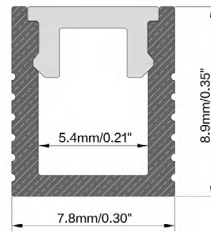


# SURFACE

## BE078

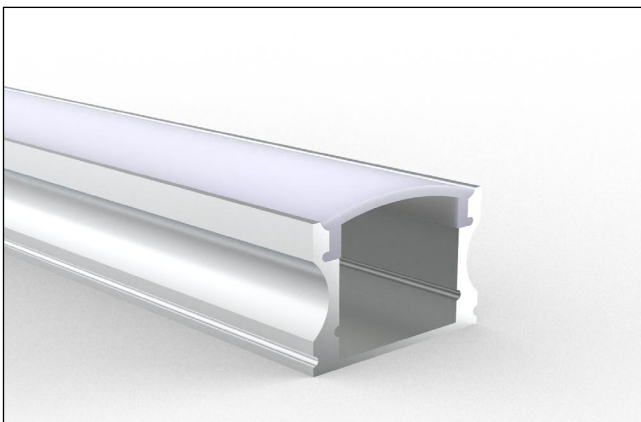


Color: ● ● Lens: Clear / Frosted / Opal/ Milky lens optional

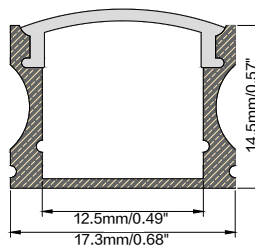


Length	3.28 ft / pcs
External Dimension	0.3 in x 0.35 in (width * height)
Internal Dimension	0.21 in (width)
Accessories	1 * PC cover, 2 * end caps, 2 * clips (per pcs)

## BE1202

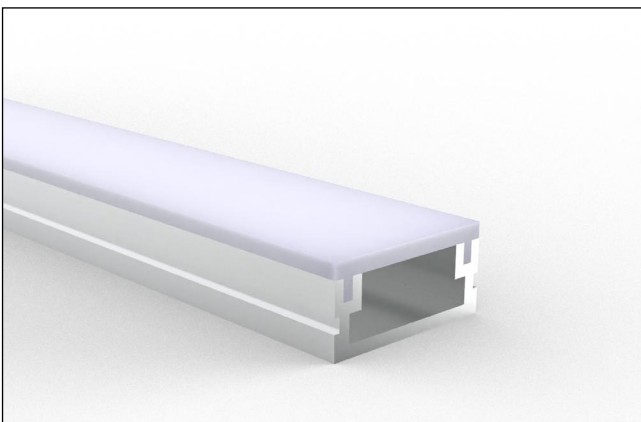


Color: ● ● Lens: Clear / Frosted / Opal/ Milky lens optional

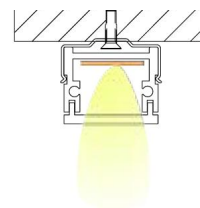
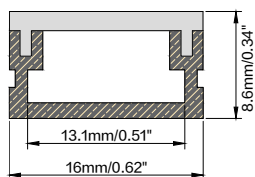


Length	3.28 ft / pcs
External Dimension	0.68 in x 0.57 in (width * height)
Internal Dimension	0.49 in (width)
Accessories	1 * PC cover, 2 * end caps, 2 * clips (per pcs)

## BE1610



Color: ● ● Lens: Clear / Frosted / Opal/ Milky lens optional

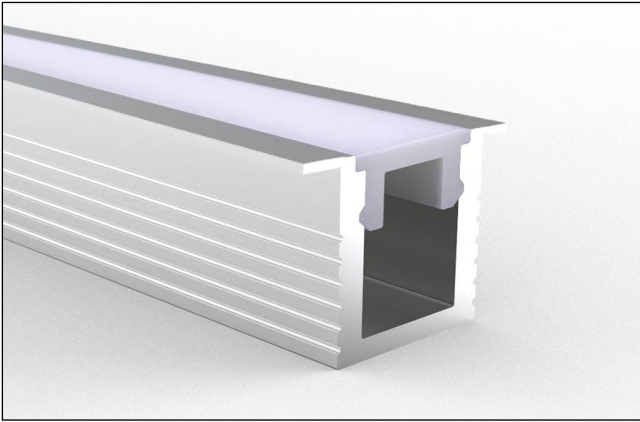


Length	3.28 ft / pcs
External Dimension	0.62 in x 0.34 in (width * height)
Internal Dimension	0.51 in (width)
Accessories	1 * PC cover, 2 * end caps, 2 * clips (per pcs)

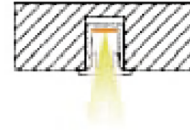
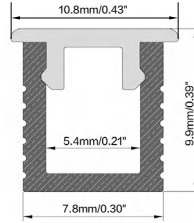
\* IP65 rated available

# RECESSED

## BE078-1

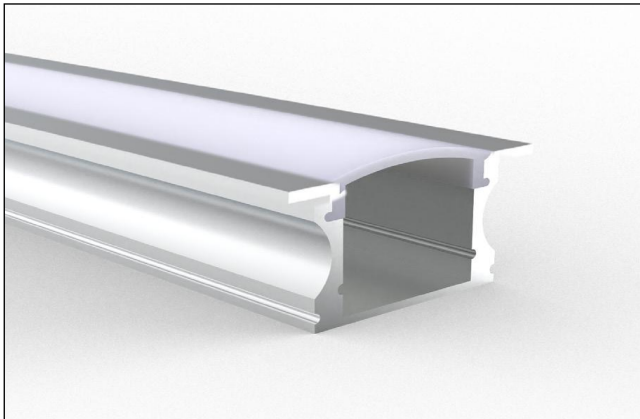


Color: ● ● Lens: Clear / Frosted / Opal/ Milky lens optional

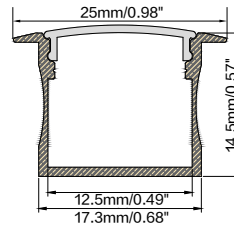


Length	3.28 ft / pcs
External Dimension	0.30 in x 0.39 in (width * height)
Internal Dimension	0.21 in (width)
Accessories	1 * PC cover, 2 * end caps (per pcs)

## BE1201

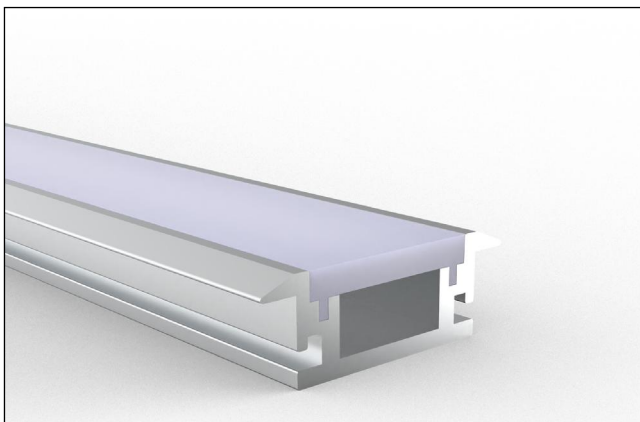


Color: ● ● Lens: Clear / Frosted / Opal/ Milky lens optional

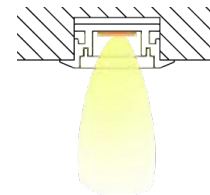
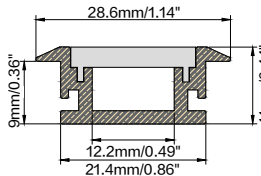


Length	3.28 ft / pcs
External Dimension	0.68 in x 0.57 in (width * height)
Internal Dimension	0.49 in (width)
Accessories	1 * PC cover, 2 * end caps, 2 * clips (per pcs)

## BE2610



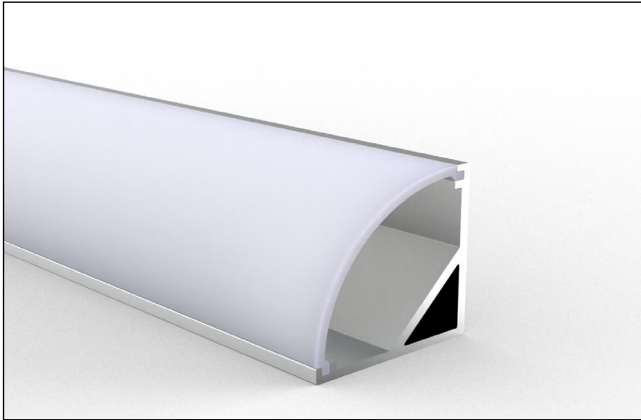
Color: ● ● Lens: Clear / Frosted / Opal/ Milky lens optional



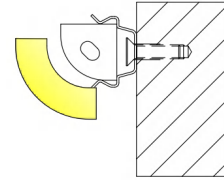
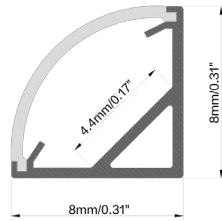
Length	3.28 ft / pcs
External Dimension	0.86 in x 0.44 in (width * height)
Internal Dimension	0.49 in (width)
Accessories	1 * PC cover, 2 * end caps, 2 * clips (per pcs)

# ANGLED

## BE09

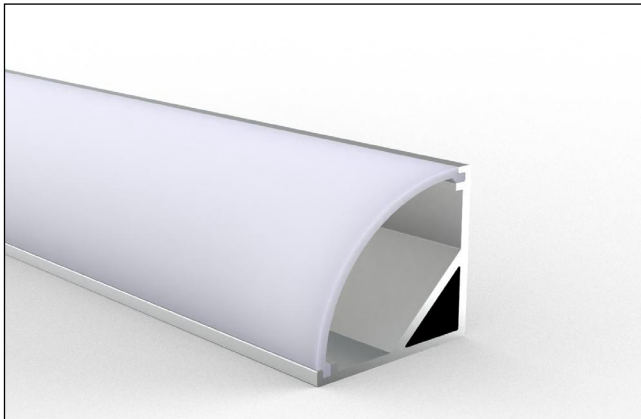


Color: ● ● Lens: Clear / Frosted / Opal / Milky lens optional

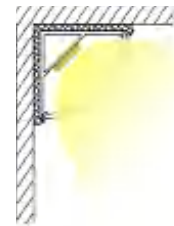
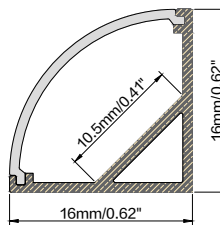


Length	3.28 ft / pcs
External Dimension	0.31 in x 0.31 in (width * height)
Internal Dimension	0.17 in (width)
Accessories	1 * PC cover, 2 * end caps, 2 * clips (per pcs)

## BE1002

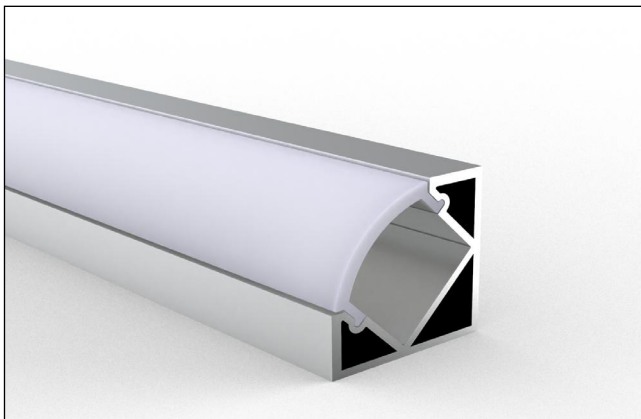


Color: ● ● Lens: Clear / Frosted / Opal / Milky lens optional

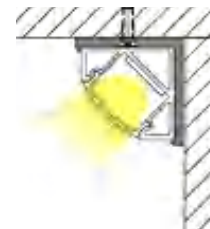
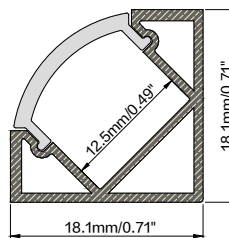


Length	3.28 ft / pcs
External Dimension	0.62 in x 0.62 in (width * height)
Internal Dimension	0.41 in (width)
Accessories	1 * PC cover, 2 * end caps, 2 * clips (per pcs)

## BE1203



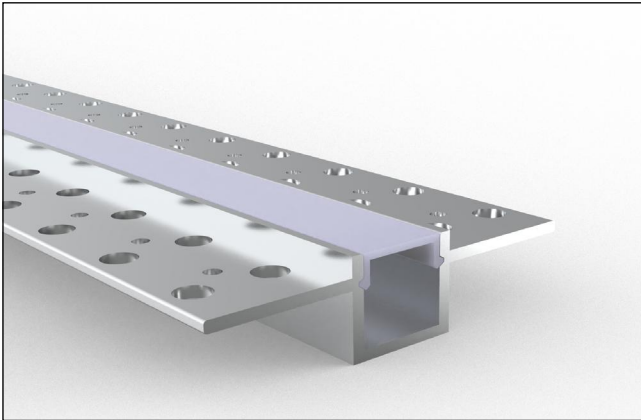
Color: ● ● Lens: Clear / Frosted / Opal / Milky lens optional



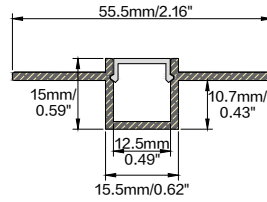
Length	3.28 ft / pcs
External Dimension	0.71 in x 0.71 in (width * height)
Internal Dimension	0.49 in (width)
Accessories	1 * PC cover, 2 * end caps, 2 * clips (per pcs)

# MUD-IN

## BE5615

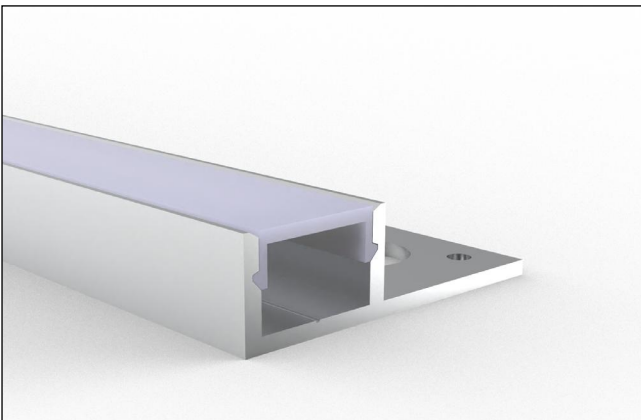


Color: ● ● Lens: Clear / Frosted / Opal/ Milky lens optional

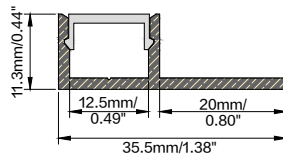


Length	3.28 ft / pcs
External Dimension	0.62 in x 0.59 in (width * height)
Internal Dimension	0.49 in (width)
Accessories	1 * PC cover, 2 * end caps

## BE3511

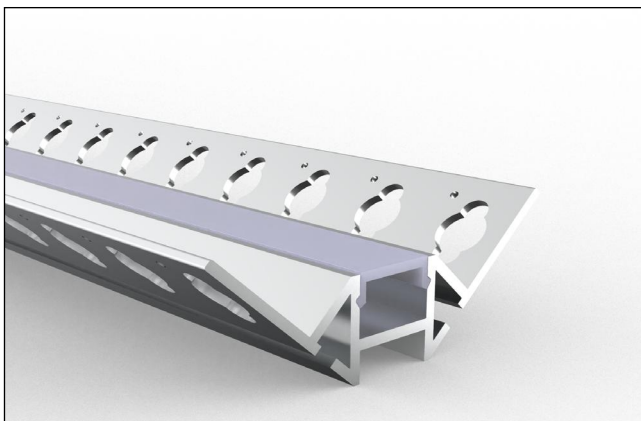


Color: ● ● Lens: Clear / Frosted / Opal/ Milky lens optional

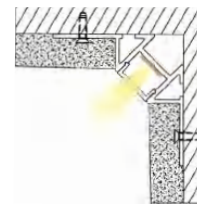
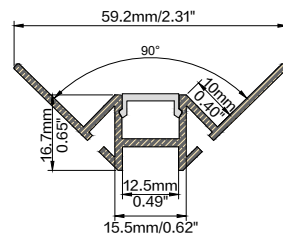


Length	3.28 ft / pcs
External Dimension	1.38 in x 0.44 in (width * height)
Internal Dimension	0.49 in (width)
Accessories	1 * PC cover, 2 * end caps

## BE5917



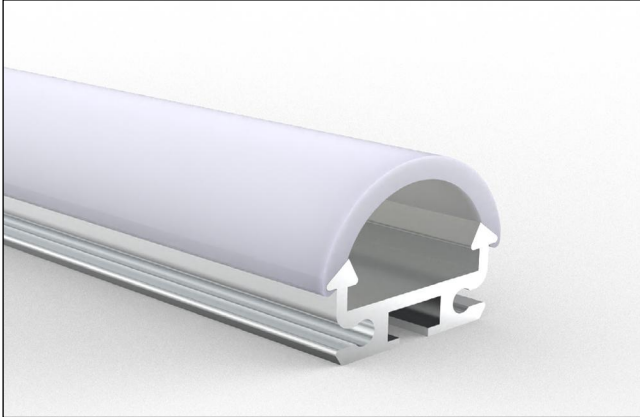
Color: ● ● Lens: Clear / Frosted / Opal/ Milky lens optional



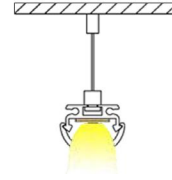
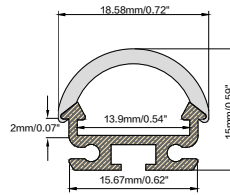
Length	3.28 ft / pcs
External Dimension	0.62 in x 0.65 in (width * height)
Internal Dimension	0.49 in (width)
Accessories	1 * PC cover, 2 * end caps

# SUSPENDED

## BE01

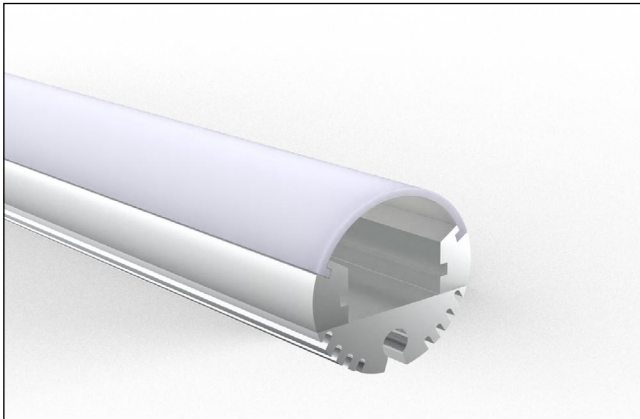


Color: ● ● Lens: Clear / Frosted / Opal/ Milky lens optional

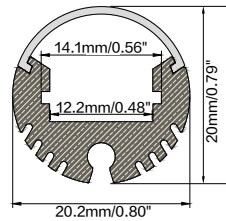


Length	3.28 ft / pcs
External Dimension	0.72 in x 0.59 in (width * height)
Internal Dimension	0.54 in (width)
Accessories	1 * PC cover, 2 * end caps, 2 * clips (per pcs), suspended wire

## BE2020



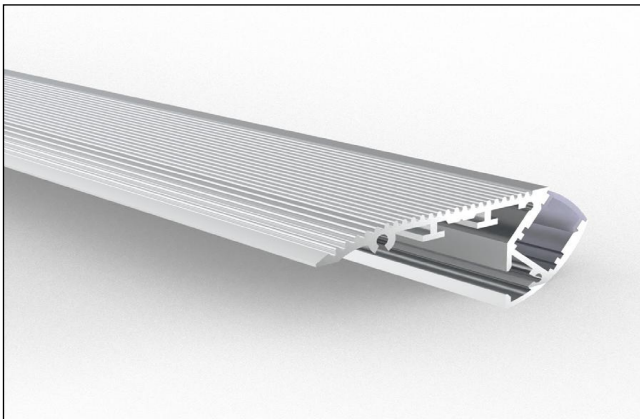
Color: ● ● Lens: Clear / Frosted / Opal/ Milky lens optional



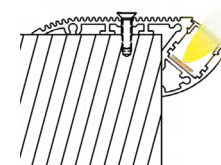
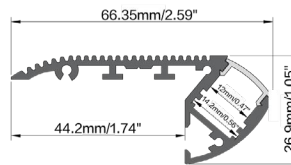
Length	3.28 ft / pcs
External Dimension	0.80 in x 0.79 in (width * height)
Internal Dimension	0.48 in (width)
Accessories	1 * PC cover, 2 * end caps, 2 * clips (per pcs), suspended wire

# STAIRS

## BE6728




Color: ● ● Lens: Clear / Frosted / Opal/ Milky lens optional



Length	3.28 ft / pcs
External Dimension	2.59 in x 1.05 in (width * height)
Internal Dimension	0.47 in (width)
Accessories	1 * PC cover, 2 * end caps









# **DRIVER & CONTROL SYSTEM**




## Non-dimmable

Series	Order Code	Input Voltage	Wattage	Listing	Environment	Junction box	Dimension
 KV SERIES	KV-24060-ASWJ	100~277VAC	60W	UL, Class 2	Dry/damp	Yes	7.4 x 3.6 x 1.6 in
	KV-24096-ASWJ	100~277VAC	96W	UL, Class 2	Dry/damp	Yes	8.7 x 3.7 x 1.7 in
	KV-24120-ASWJ	100~277VAC	120W	UL	Dry/damp	Yes	8.7 x 3.7 x 1.7 in
	KV-24200-ASWJ	110~277VAC	200W	UL	Dry/damp	Yes	10.3 x 4.1 x 1.8 in


## Triac / Phase Dimmable

Series	Order Code	Input Voltage	Wattage	Listing	Environment	Junction box	Dimension
 KVF SERIES	KVF-24060-TDWJN	100~277VAC	60W	UL, Class 2	Dry/damp	Yes	7.4 x 3.7 x 1.6 in
	KVF-24096-TDWJN	100~277VAC	96W	UL, Class 2	Dry/damp	Yes	8.7 x 3.7 x 1.6 in
	KVF-24120-TDWJN	100~277VAC	120W	UL	Dry/damp	Yes	8.7 x 3.7 x 1.6 in
	KVF-24200-TDWJN	110~277VAC	200W	UL	Dry/damp	Yes	10.2 x 4.1 x 1.8 in


## Triac / 0-10V / 1-10V / 10V / PWM / Potentiometer (5 in 1)

Series	Order Code	Input Voltage	Wattage	Listing	Environment	Junction box	Dimension
 KVG SERIES	KVG-24060-DWJV2	100~277VAC	60W	UL, Class 2	Dry/damp	Yes	3 x 13.8 x 1 in
	KVG-24096-DWJV2	100~277VAC	96W	UL, Class 2	Dry/damp/wet	Yes	3 x 15 x 2.2 in
	KVG-24120-DWJV2	100~277VAC	120W	UL	Dry/damp/wet	Yes	3 x 15 x 2.2 in
	KVG-24200-DWJV2	110~277VAC	200W	UL	Dry/damp/wet	Yes	3.4 x 16 x 2.4 in

## DMX512 Dimmable


Series	Order Code	Input Voltage	Wattage	Listing	Environment	Junction box	Dimension
 KVX SERIES	KVX-24120-2C-J (2 channels)	100~277VAC	120W	UL, Class 2	Dry/damp	Yes	4.9 x 9.49 x 1.6 in
	KVX-24120-3C-J (3 channels)	100~277VAC	120W	UL, Class 2	Dry/damp	Yes	4.9 x 9.49 x 1.6 in
	KVX-24120-4C-J (4 channels)	100~277VAC	120W	UL, Class 2	Dry/damp	Yes	4.9 x 9.49 x 1.6 in
	KVX-24120-5C-J (5 channels)	100~277VAC	120W	Class 2	Dry/damp	Yes	4.9 x 9.49 x 1.6 in

## DMX DECODERS


Series	Order Code	Input Signal	Input Voltage	Output	Max. Output Power	Dimension	Certificate
 Ltech	LT-903	DMX512, RDM	12-24VDC	8A*3CH (RGB)	576W	4.8 x 4.3 x 1.5 in	UL-recognized
	LT-904	DMX512, RDM	12-24VDC	6A*4CH (RGBW)	576W	4.8 x 4.3 x 1.5 in	UL-recognized
	LT-905	DMX512, RDM	12-24VDC	5A*5CH (RGBWW)	600W	4.8 x 4.3 x 1.5 in	UL-recognized
	LT-912	DMX512, RDM	12-24VDC	4A*12CH (RGB)	1152W	7.1 x 4.8 x 1.5 in	UL-recognized
	LT-916	DMX512, RDM	12-24VDC	3A*16CH (RGBW)	1152W	7.1 x 4.8 x 1.5 in	UL-recognized

## CONTROLLERS

### Nicolaudie STICK-CW4


	Input Power	Programmability	Output Protocol	Memory	Dimension	Certificate	
	5-15VDC 0.6A	PC, Mac	DMX512 (x2)	In-built flash	5.75 x 4.17 x 0.43 in	ETL listed	<ul style="list-style-type: none"> <li>• Ready-to-use (pre-loaded with 8 scenes and 170 RGB fixtures)</li> <li>• Touch-sensitive wheel allows for accurate color selection</li> <li>• Up to 36 dynamic or static scenes</li> <li>• 1024 DMX channels. Control 340 RGB fixtures</li> <li>• Clock and calendar with Sunrise/Sunset triggering</li> </ul>

### Nicolaudie DINA DR2 LITE

	Input Power	Programmability	Output Protocol	Memory	Dimension	Certificate	
	12VDC (8-15V range)	PC, Mac, Android, iOS	DMX512 (x3)	In-built flash	5.75 x 4.17 x 0.43 in	ETL listed	<ul style="list-style-type: none"> <li>• Up to 3 x DMX512 universes (1536 channels)</li> <li>• Stand Alone mode with 99 scenes</li> <li>• Play scenes in 5 areas / zones</li> <li>• Windows / Mac software to set dynamic colors / effects</li> <li>• iPhone / iPad / Android remote and programming apps</li> </ul>

# CONTROLLERS

## Casambi PMW4

	Voltage Range	Max. Input Current	Output protocol	Control	Dimensions	
	12-24 VDC	6A*4CH	PWM (Single color, tunable white, RGB, RGBW)	Bluetooth	2.86 x 1.18 x 0.71 in	<ul style="list-style-type: none"> <li>• Bluetooth controllable, control up to four channels</li> <li>• Controlled with Casambi app</li> <li>• Compatible with tunable white, RGB, RGBW lighting fixtures</li> </ul>

# BEAMEVER LIGHTING CONTROL SYSTEM

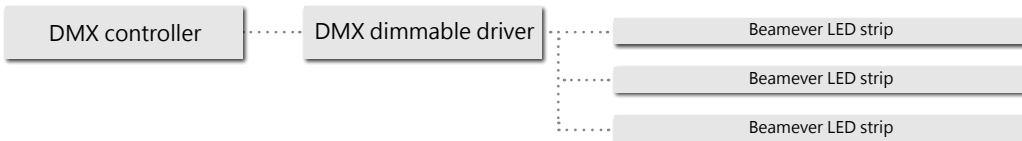
## Color-changing: Nicolaudie + DMX Decoder System

For large commercial, residential applications (especially with programming requirements)



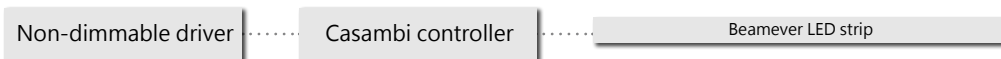
## Color-changing: Nicolaudie + DMX Driver System

For medium commercial, residential applications requiring simple color changing effects



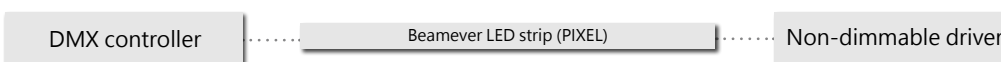
## Color-changing: Casambi Control System

For small projects requiring mobile apps control



## Dynamic Color-chasing (PIXEL): Nicolaudie + DMX Built-in IC System

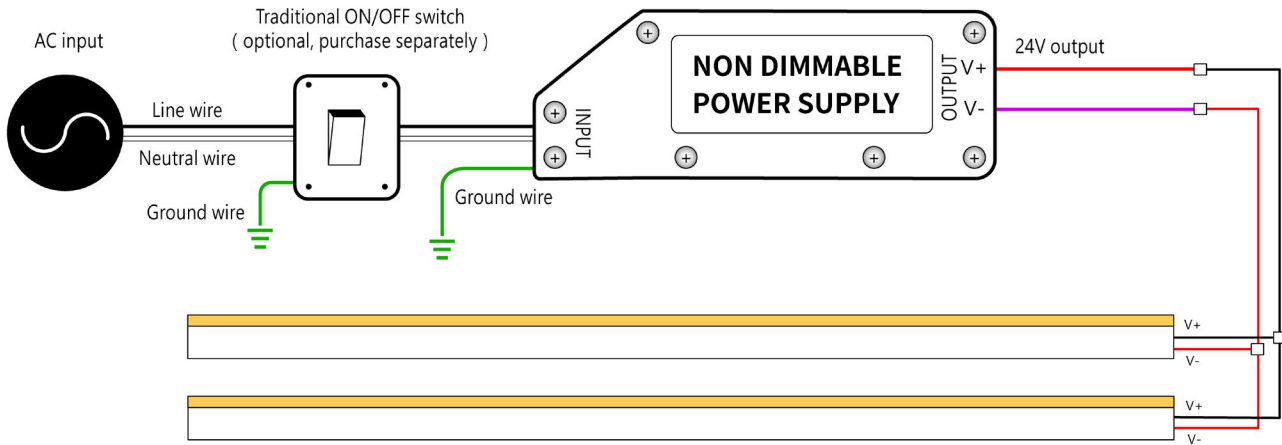
For large commercial, residential applications requiring addressable dynamic color effect / color chasing effect



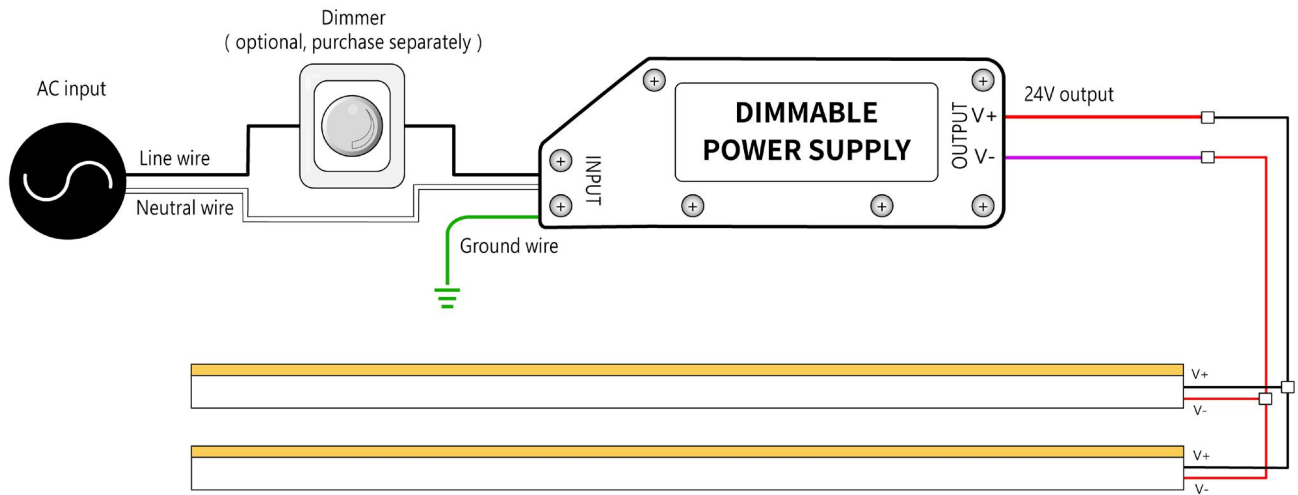
\* See Page 69 for "Reference Wiring Diagram"

# REFERENCE WIRING DIAGRAMS

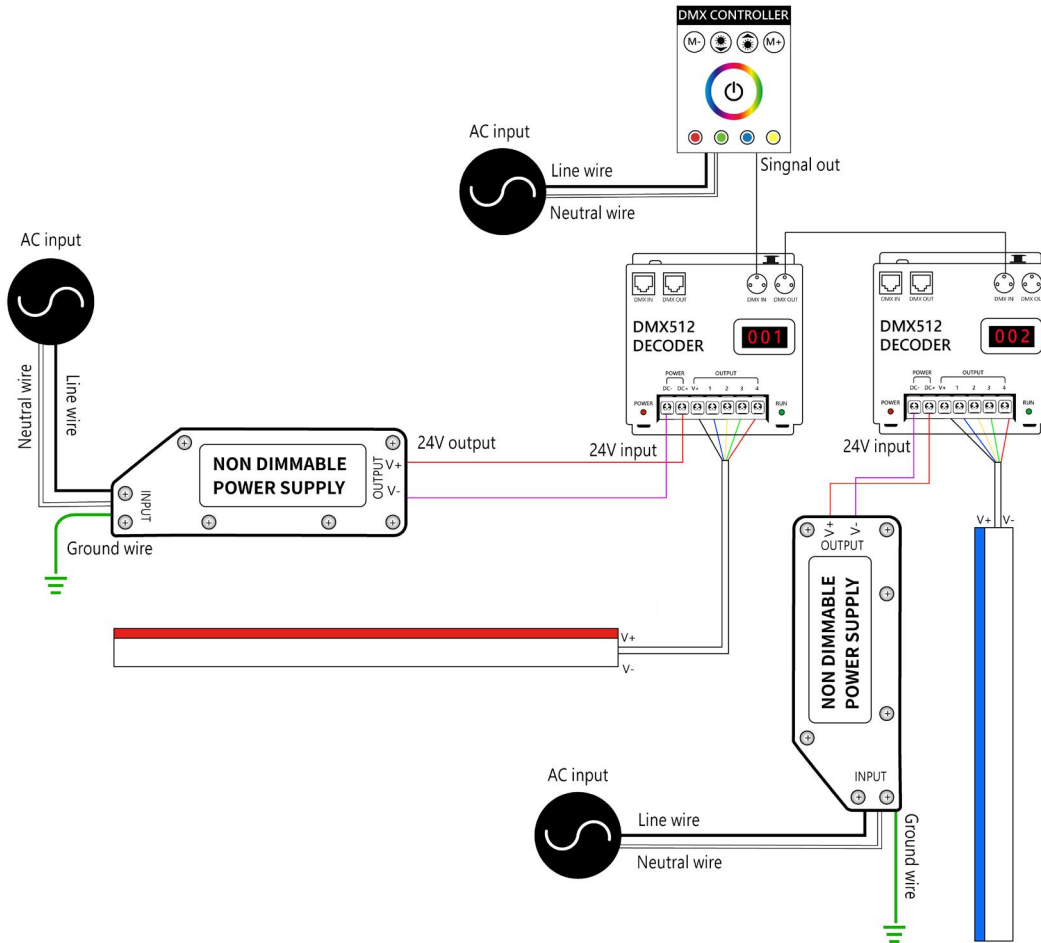
## Non-dimmable System



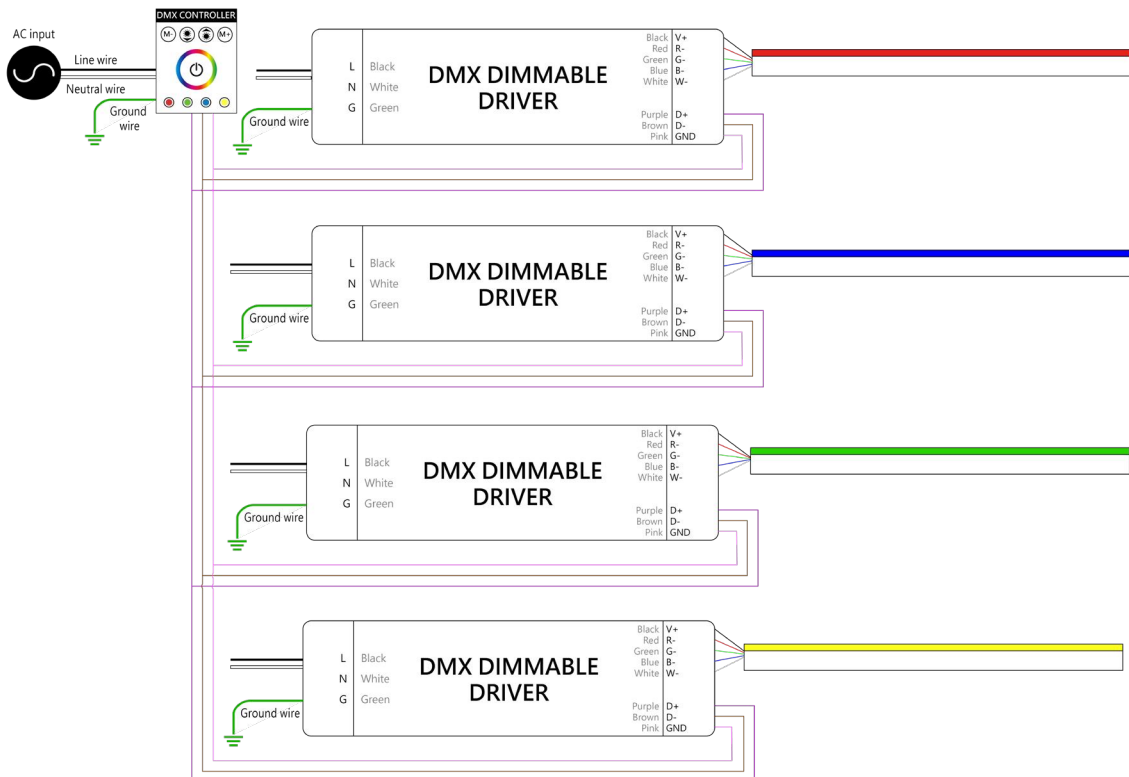
## Static color: Dimmable System



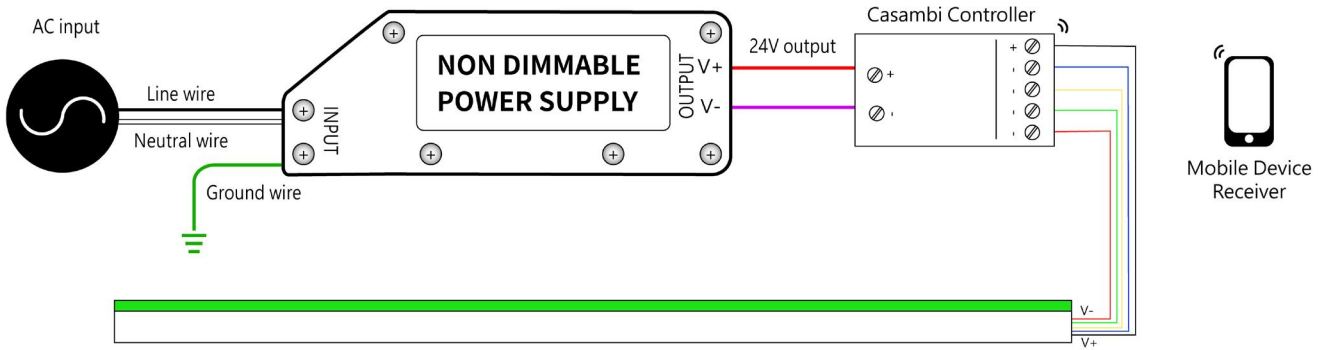
## Color-changing: Nicolaudie + DMX Control System



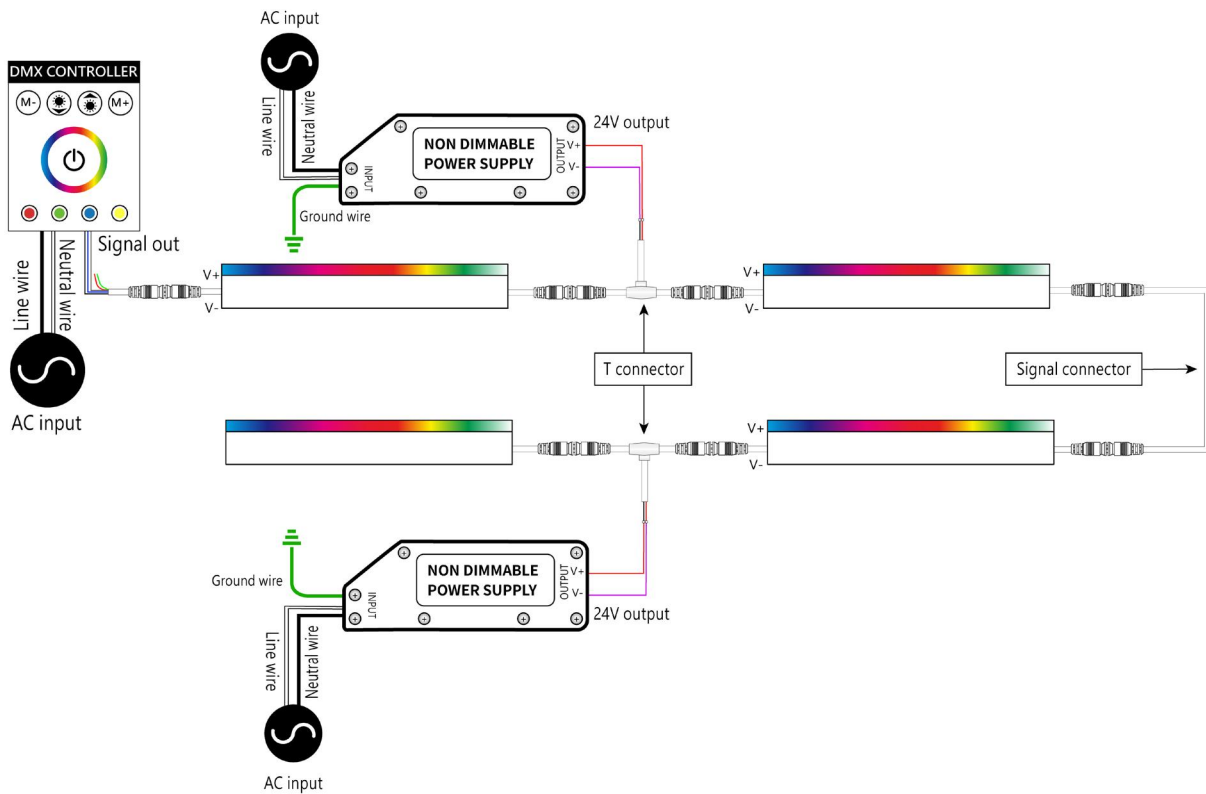
## Color-changing: Nicolaudie + DMX Driver System



## Color-changing: Casambi Control System








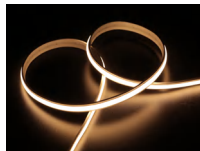








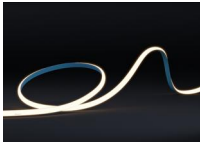

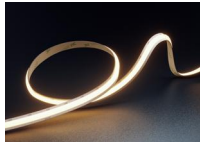


## Dynamic Color-chasing (PIXEL): Nicolaudie + DMX Control System



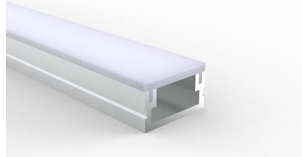


# ORDER GUIDE

## Step 1 Choose your tape light

LED Products				
 (Dry/damp/wet)	 <b>LINIO NEON 1617 TV</b> Long run up to 115 ft	 <b>LINIO NEON 1615 TV</b> Full CCTs & colors	 <b>LINIO NEON 1220 SV</b> Full CCTs & colors	 <b>AERO TAPE IP67</b> IP67 rated, ideal for outdoor uses
 (Dry/damp)	 <b>LINIO NEON EOS TV</b> Slim, totally dotless	 <b>LINIO NEON EOS TV HE</b> Slim, totally dotless, high efficiency	 <b>LINIO NEON 360°</b> 360° emitting	 <b>AERO TAPE IP65</b> IP65 rated, ideal for damp locations
 (Dry)	 <b>AERO TAPE</b> Slim, versatile	 <b>AERO TAPE HD</b> High density with less dots	 <b>ALTA TAPE ULTRA</b> High lumen up to 1143lm/ft	 <b>NOVA TAPE</b> Slim, dotless
	 <b>NOVA TAPE LONG RUN</b> Max. run length up to 66 ft	 <b>NOVA TAPE S</b> Ultra-slim, width 0.16 in	 <b>NOVA TAPE SV</b> Side-emitting	 <b>NOVA TAPE FREE CUT</b> No cut intervals, cut freely
















## Step 2 Choose your mounting options









LED Neon		LED Tape
Choose either channel or clips		Channels are optional for tapes
 <b>Mounting Channel</b> Surface / Recessed / Bendable / Suspended	 <b>Mounting Clips</b> Choose either channels or clips	 <b>Aluminum Channel</b> Surface / Angled / Recessed / Suspended / Mud-in / Stairs

## Step 3 Choose your driver and control system

Non-dim	Single Color Dimming	Color Changing		Dynamic Effect
<ul style="list-style-type: none"> <li>• Non-dimmable driver</li> </ul>	<ul style="list-style-type: none"> <li>• Dimmable driver</li> <li>• Dimmer (Purchase separately)</li> </ul>	<b>DMX512 driver system:</b> <ul style="list-style-type: none"> <li>• DMX512 driver</li> <li>• Nicolaudie controller</li> </ul>	<b>Casambi system:</b> <ul style="list-style-type: none"> <li>• Casambi controller</li> <li>• Non-dimmable driver</li> </ul>	<b>DMX decoder system:</b> <ul style="list-style-type: none"> <li>• DMX decoder</li> <li>• Nicolaudie controller</li> <li>• Non-dimmable driver</li> </ul>
				<ul style="list-style-type: none"> <li>• Nicolaudie controller</li> <li>• Non-dimmable driver</li> </ul>

# SELECTION GUIDE

 <b>INDOOR</b>		
		 <b>500+ lm</b> AERO TAPE AERO TAPE HD ALTA TAPE ULTRA
		 <b>300-499 lm</b> NOVA TAPE
		 <b>50-299 lm</b> NOVA TAPE FREE CUT NOVA TAPE LONG RUN NOVA TAPE SV NOVA TAPE S
		 <b>500+ lm</b> AERO TAPE MIRROR
		 <b>300-499 lm</b> AERO TAPE DTW
		 <b>50-299 lm</b> BELA TAPE RGBW NOVA TAPE DTW
		 <b>500+ lm</b> AERO TAPE IP65
		 <b>300-499 lm</b> LINIO NEON EOS TV HE
		 <b>50-299 lm</b> LINIO NEON EOS TV LINIO NEON 360°

 <b>OUTDOOR</b>			
		 <b>500+ lm</b> AERO TAPE IP67	
		 <b>300-499 lm</b> LINIO NEON 1615 SV	
		 <b>50-299 lm</b> LINIO NEON 1617 TV LINIO NEON 1615 TV  LINIO NEON 1617 SV LINIO NEON 1220 SV  LINIO NEON 1615 3D	
			 <b>50-299 lm</b> LINIO NEON 1615 TV TW LINIO NEON 1220 SV TW LINIO NEON 1615 SV TW  LINIO NEON 1615 TV RGB LINIO NEON 1615 SV RGB LINIO NEON 1220 SV RGB  LINIO NEON 1615 TV RGBW LINIO NEON 1220 SV RGBW  LINIO NEON 1615 TV PIXEL RGBW LINIO NEON 1220 SV PIXEL RGBW



# BEAMEVER FAQ

## Your concerns

## Our dedicated answers

Guidance for frequently asked questions

### Basic Terminology

#### Q: What is max. run length?

A: Max. run length refers to the maximum length of LED strips without voltage drop when connecting to single power feed. If the requested length per run exceeds the max. run length of the specified product, we suggest to divide it into different runs within max. run length limit.

#### Q: What is cut interval?

A: The LED strip consists of multiple segments in itself. The length of each segment is known as a cut interval (as marked on the LED strip). It's significant under two scenarios:

1. When cutting the LED strip on site, you need to cut on the cut interval marks to avoid damaging the LED strip.
2. During the ordering process, the ordered lengths need to be the multiples of the cut interval. For instance, the cut interval of our LINIO NEON 1615 TV is 50mm, the ordered lengths should be 5000mm, 5050mm, 5100mm etc. Lengths like 5001mm, 5058mm, 5111mm are not acceptable.

#### Q: How to define dual bend and 3D bend?

A: Both dual bend and 3D bend neon flex can be bent horizontally and vertically. The difference is that 3D bend neon flex is twistable, whereas dual bend neon flex is not.

#### Q: How to define your IP ratings?

A: IP20---For dry locations only, such as interior stairs, cove lighting, bedroom lighting etc.

IP65---For dry and damp locations, such as mirror lights in toilets, undercabinet lighting in kitchens etc.

IP67---For wet locations, especially outdoor applications, such as exterior wall lighting.

Beamever is dedicated to delivering exceptional services customized to your needs and satisfaction. Every query, however small, is highly valued by us.

75

**Q: What are "field cuttable" and "field joinable"?**

**A:** Field cuttable LED strips can be cut on site with factory-recommended scissors. After cutting, please seal the LED strips with end caps. Field joinable LED strips can be joined together with different connectors after cutting.

**Q: How should I choose from different CCTs (color temperature)?**

**A:** For living rooms and bedrooms where warm color and cozy atmosphere is preferred, CCTs below 3000K are popular choices.

For offices, lobbies, commercial facilities, public utility buildings where modern atmosphere is preferred for daily lives and work, CCTs between 3000K-5000K are suggested.

For focus lighting like office tables, school desks etc. where higher lumen outputs are needed, CCTs above 5000K are ideal choices.

**Q: What are "open wire" and "male & female connector"?**

**A:** "Open wire" means that the end of the wire is bare wire without any insulation. The length of open wire can be flexibly customized from 30cm to 5m or even longer.

"Male & female connectors" means that there's male or female connector at the end of the wire for LED strips. It's more convenient for installation and replacement. Some of them are even waterproof. But the customizable lengths are not as flexible as the open wire, with 30cm, 1m and 5m being the frequently chosen lengths.

## Electrical Products

**Q: Which kind of power supply is compatible to your LED strips, constant current or constant voltage?**

**A:** Please use constant voltage power supply for all of our products regardless some products are labeled as "constant current design".

**Q: Is there a model that will run off a standard low voltage transformer?**

**A:** If the output of the transformer is 24V, then all of our models are compatible to it. But we suggest using a dedicated LED driver for better lighting effect.

**Q: Do you have LED driver with THD <10% (total harmonic distortion)?**

**A:** The XLG series of our Meanwell driver are the ideal choice.

**Q: Do you have remote drivers?**

**A:** Yes. Currently, all our regular power supplies are remote drivers.

## Certifications

**Q: Can you provide COO from Europe or USA?**

**A:** Our operation base and our factory is in Shenzhen China, so we can only provide the COO from China.

**Q: Does the product have a CE certificate?**

**A:** Our products not only have CE, but also UL, REACH, RoHS, CB, TUV IP rating certification.

# BEAMEVER FAQ

## Your concerns

## Our dedicated answers

Guidance for frequently asked questions

### Products

**Q: Do you have 120V line voltage tapes?**

**A:** No, at the moment all of our LED neon/tapes are low-voltage, you can use a 120V to 24V driver with our products.

**Q: Do you have any product that can be suspended?**

**A:** Yes, we have a suspended neon LINIO NEON 360° which you can suspend and make different shapes. And we also have suspended channels which you can suspend with our LED neon/tapes.

**Q: What's the difference between the constant current version and constant voltage version?**

**A:** They differ in circuit design. Constant current version products normally have more than 5m max. run length from single power feed without voltage drop. Constant voltage version products have 5m max. run length from single power feed without voltage drop.

**Q: Can your neon flex work well in harsh environment conditions in the Middle East, where the weather is very hot?**

**A:** Yes. The ambient temperature of our neon flex is from -45°C to 60°C . Besides, we have successfully done many projects in the Middle East, proving the robust quality of our neon flex.

**Q: I would like to use LED strip + aluminum profile, but I don't want to see any light spot, do you have any solution?**

**A:** Yes, our aluminum profiles come with opal or milky diffuser. The higher the diffuser is placed away from the LED strip, the less visible the light spots are.

**Q: Do you have any items can be used underwater?**

**A:** Yes, for underwater projects, both LINIO NEON 1615 TV and LINIO NEON 1220 SV have IP68 version. We also have them in PU material if needed.

Beamever is dedicated to delivering exceptional services customized to your needs and satisfaction. Every query, however small, is highly valued by us.

77

**Q: What's the LED brand you use for Neon Flex?**

**A:** We use Sanan and Lumileds from Philips for our neon flex, you can choose it according to your project budget.

**Q: What is the CRI of your products in general?**

**A:** Most of our LED tape lights are CRI 90+. Please refer to the datasheets of specified products on our website.

**Q: Since your products are bendable LED strip/neon flex, how to ensure the internal light source is not overly bent thus shorten its lifespan?**

**A:** The maximum bending diameter is marked on each of our product data sheets and installation guides. Please make sure to read through the instructions beforehand and bend the LED strip within the maximum bending diameter.

## Services

**Q: Can you customize color temperature for your products?**

**A:** Yes, most of our white light items are customizable in terms of color temperatures. This catalog only includes color temperatures that are the most popular.

**Q: Can you customize the wattage of your products?**

**A:** Yes. Our catalog only lists the most popular wattage options and the max. wattage. Any wattage below the max. wattage is customizable. For instance, if the data sheet of a specified product shows 1.52W/ft and 3.05W/ft, then any wattage below 3.05W/ft is customizable.

**Q: What's your delivery time?**

**A:** Our regular lead time:

Mock-up sample: around 2 weeks (except for specially customized products)

IP20 LED Strip: around 2 weeks

IP65/IP67 LED Strip: 2-3 weeks

IP67 Silicone Neon Flex: around 3 weeks

IP68 PU LED Strip / PU Neon Flex / PU Wall Washer : 3-4 weeks.

# WORDS TO KNOW

## GLOSSARY OF LIGHTING TERMS

### LED (Light Emitting Diode)

A light-emitting diode is a semiconductor light source characterized by high efficiency, long life, and low energy consumption.

### Lumen

A unit of luminous flux used to measure the amount of visible light emitted by a light source. The higher the lumen value, the greater the amount of light emitted by the light source.

### Luminous Flux

Luminous flux is the total amount of light emitted by a light source in all directions, measured in lumens (lm).

### VDC (Volts Direct Current)

The unit of DC voltage, indicating that the current flows in a constant direction. It is commonly used in the power supply of LED lighting systems. Examples include 12VDC, 24VDC, etc.

### Voltage Drop

Voltage drop refers to the reduction in voltage that occurs when current passes through a wire or other electrical component. This needs to be taken into account in the design of an LED luminaire to ensure it operates properly.

### CCT (Correlated Color Temperature)

Color temperature indicates the color temperature of the light emitted by a light source, measured in Kelvin (K). It determines the hue of the light, such as warm white or cool white.

### Kelvin (K)

Kelvin is a unit of temperature used to express the color temperature of a light source. Lower K values indicate warmer tones, while higher K values indicate cooler tones.

### CRI (Color Rendering Index)

The Color Rendering Index measures the ability of a light source to accurately reproduce the colors of objects. It ranges from 0 to 100, with 100 indicating the closest color reproduction to natural light.



## IP Rating (Ingress Protection Rating)

The protection rating indicating a luminaire's ability to protect against solid objects and liquids. For example, IP65 means it is dustproof and waterproof.

## Max. Run Length

Maximum run length refers to the longest length of LED strip or luminaire that can operate continuously without requiring a relay.

## Luminous Efficacy

Luminous efficacy is the amount of luminous flux emitted by a light source per watt of electrical power, measured in lumens per watt (lm/W). Higher luminous efficacy indicates greater energy efficiency.

## Beam Angle

Beam angle is the angle of light diffusion, which affects the irradiation range and concentration of the beam.

## Dimming

Dimming is the function of adjusting the brightness of a light source, usually achieved by adjusting the current or using a dimmer.

## Lumen Maintenance

Lumen maintenance refers to a light source's ability to retain its original luminous flux during use. It is usually expressed as a percentage, indicating the luminous flux maintenance rate after a certain period of use.

## Feed Entry

Feed entry is the point where cables or power cords enter the luminaire, typically required to connect the power supply during installation.

## End Cap

An end cap is used to close off the ends of a lamp or strip, protecting the internal components and providing a finished appearance.

# WORDS TO KNOW

## GLOSSARY OF LIGHTING TERMS

### Ambient Temperature

Ambient temperature refers to the temperature around a luminaire, which affects its performance and lifespan.

### Control Protocol

A control protocol is used for communication between the luminaire and the control system. Common protocols include DMX and DALI.

### DMX (Digital Multiplexing)

A digital multiplexing control system. The most commonly used DMX protocol is DMX512, which supports the control of up to 512 channels over a single data line, with each channel managing a specific function of a piece of equipment. DMX systems enable precise control and programming for complex lighting and effects shows.

### Certification

Certification indicates that a luminaire meets specific standards or safety specifications, ensuring product quality and safety.

### UL Listed

UL certification indicates that a luminaire has been tested by Underwriters Laboratories (UL) and meets specific safety standards.

### Environment

Environment refers to the conditions under which the luminaire is used or installed, such as indoor, outdoor, wet, or dry locations.

### Class 2

This safety classification indicates that the luminaire has extra insulation protection and is used in low voltage power systems to enhance safety. The output voltage and current are strictly limited, typically with power output less than 96W.

### Extrusion/Channel

Extrusion or channel refers to the housing or track for a luminaire, often made of aluminum, used for mounting and protecting LED strips.

## Lens

A lens is an optical component in a luminaire used to adjust the angle of the light beam and the distribution of light, there by improving luminous efficacy or altering the light effect. It is usually used in conjunction with extrusions.

## Diffusion

Diffusion refers to the use of materials or techniques to evenly distribute light and reduce glare and light spots.

## Driver/Power Supply

The driver or power supply is the electrical component of an LED luminaire that converts the supply voltage to the appropriate current and voltage required by the LED.

## Factory Assembly

Factory assembly refers to the process of pre-assembling luminaire components in the factory for easy installation and use.

## Install Guide

An installation guide is a document or set of instructions that outlines the steps and precautions for installing a luminaire, helping users to install and configure it correctly.

## Junction Box

A junction box is used to connect and protect cables in electrical installations. It ensures secure wire connections and prevents damage. It also provides a safe point for maintenance and inspection.







