

# ANNO TAPE PRO

Indoor · Static White

## Features

- High-density, chip-scale package design provides uniform lighting & outstanding heat dissipation
- IP20 rated, ideal for indoor non-condensing uses
- 5 years warranty

## Applications

Under cabinets, coves, shelves, bedrooms, offices, hallways, etc.



Date	Fixture type
Project name	Project phase



## Dimensions



## Order Code (For LED tape)

Series	Environment	Voltage	CCT	Power
ANNOP	D2-Dry (IP20)	24V-DC24V	27K-2700K 30K-3000K 35K-3500K 40K-4000K	4.6-4.57W/ft

## Assembly Builder

		Left Feed Entry	
F	Front	OW	Open wire 3.28ft (1m), 20 AWG
C	Closed	MC	Male connector with 0.66ft (20cm) cable, 20 AWG
		FC	Female connector with 0.66ft (20cm) cable, 20 AWG
		NA	Only for Closed Feed Entry

## Assembly Builder

		Right Feed Entry		Length	
F	Front	OW	Open wire 3.28ft (1m), 20 AWG	Max.	16.4ft (5m)
C	Closed	MC	Male connector with 0.66ft (20cm) cable, 20 AWG	Increment	1.97in. (50mm)
		FC	Female connector with 0.66ft (20cm) cable, 20 AWG		
		NA	Only for Closed Feed Entry		

## Extrusion Order Code

Product Code	Colors	Lens	Lengths
Please select on the Extrusion Compatibility page	<input type="checkbox"/> S = Silver anodized	OP - Opal	3.28ft (1m)
	<input type="checkbox"/> W = White lacquered	FR - Frosted	6.56ft (2m)
	<input type="checkbox"/> B = Black anodized	CL - Clear	

\*For customizations, please inquire.

\*For custom RAL colors, please inquire.

\*Extrusions are sold separately. Refer to corresponding spec sheets for ordering info on extrusions and their accessories (endcaps, mounting brackets, etc.)

## Lumen Output (lm/ft)

CCT	4.57W/ft
2700K	320
3000K	366
3500K	372
4000K	412
Max. Run for Class 2*	16.4ft (5m)
Max. Run Supported Length	16.4ft (5m)

\*Typically installations in USA and Canada comply with Class 2 requirements.

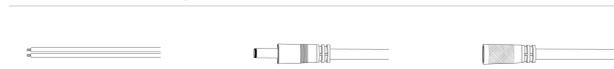
## Technical Details

Width	0.39in. (10mm)
LED Quantity	130 LEDs/ft (428 LEDs/M)
Beam Angle	120°
Efficacy	90lm/W @4000K 4.57W
CRI	Ra ≥ 90
LED MacAdam	3 steps
Average Life (L70)	> 54,000 hours
Max. Length Per Reel	98.4ft (30m)
Storage Temperature	-13-140°F (-25°C-60°C)
Ambient Temperature	-13-113°F (-25°C-45°C)

## Feed Entry Options



## Connector Wire Options



**OW:** Open wire, **Dry only**  
Standard 3.28ft (1m), 20 AWG  
(wire length made to order)

**MC:** Male connector, **Dry & Damp.** **FC:** Female connector, **Dry & Damp.**  
Standard 0.66ft (20cm), 20 AWG  
Standard 0.66ft (20cm), 20 AWG

**ANNO TAPE PRO**

Indoor · Static White

Channel Compatibility

Lens Type & Light Transmission

\* Non-standard option, please contact us for customization support.

CL Clear

FR Frosted

OP Opal

Surface			
<p><b>BEI202</b></p> <p>CL 59%   FR 53%   OP 44%</p>	<p><b>BEI302</b></p> <p>CL 81%   FR 74%   OP 60%</p>	<p><b>BEI215</b></p> <p>CL 54%   FR 50%   OP 41%</p>	<p><b>BEI415</b></p> <p>CL 51%   FR 46%   OP 38%</p>
<p><b>BEI919</b></p> <p>CL 72%   FR 66%   OP 54%</p>	<p><b>BE2020</b></p> <p>CL 75%   FR 69%   OP 56%</p>	<p><b>BE2601</b></p> <p>CL 79%   FR 73%   OP 59%</p>	

Mud-In	
<p><b>BE5615</b></p> <p>CL 55%   FR 45%   OP 41%</p>	<p><b>BE7615</b></p> <p>CL 67%   FR 61%   OP 50%</p>

**ANNO TAPE PRO**

Indoor · Static White

Recessed			
<p><b>BE1201</b></p> <p>CL 59% FR 54% OP 44%</p>	<p><b>BE1207</b></p> <p>CL 58% FR 53% OP 43%</p>	<p><b>BE1815</b></p> <p>CL 49% FR 44% OP 36%</p>	<p><b>BE2015</b></p> <p>CL 52% FR 47% OP 39%</p>
<p><b>BE5035</b></p> <p>CL 49% FR 45% OP 37%</p>	<p><b>BE6575</b></p> <p>CL 62% FR 56% OP 46%</p>		
Corner			
<p><b>BE1001</b></p> <p>CL 84% FR 76% OP 62%</p>	<p><b>BE1002</b></p> <p>CL 82% FR 75% OP 61%</p>	<p><b>BE1101</b></p> <p>CL 54% FR 49% OP 40%</p>	
Suspended			
<p><b>BE5075</b></p> <p>CL 63% FR 57% OP 47%</p>	<p><b>BE60</b></p> <p>CL 86% FR 79% OP 64%</p>	<p><b>BE3535</b></p> <p>CL 53% FR 48% OP 40%</p>	

**ANNO TAPE PRO**

Indoor · Static White

Specialty			
<p><b>BE1806</b> Bendable surface mounted</p> <p>CL 89% FR 81% OP 66%</p>	<p><b>BE2009</b> Coves</p> <p>CL 54% FR 50% OP 41%</p>	<p><b>BE4615</b> Borderless Inside Corner</p> <p>CL 57% FR 52% OP 42%</p>	<p><b>BE5315</b> Borderless Outside Corner</p> <p>CL 55% FR 50% OP 41%</p>
<p><b>BE6728</b> Staircase</p> <p>CL 50% FR 46% OP 37%</p>	<p><b>BE7030</b> Cove Recessed Borderless</p> <p>OP 57%</p>	<p><b>BE8833</b> Cove Recessed / Double-Layer Borderless</p> <p>CL 57% FR 52% OP 42%</p>	

**Connectors & Additional Accessories (Optional, purchase for extra)**

<p><b>N6012-STCN-2P-10</b> Strip to cable connector without wire, for 0.39in. (10mm) tape, 2 pin</p>	<p><b>N6012-STC-2P-10</b> Strip to cable connector with 5.9in. (15cm) wire, for 0.39in. (10mm) tape, 2 pin</p>	<p><b>N6012-STSJ-2P-10</b> Strip to strip jumper connector with 5.9in. (15cm) wire, for 0.39in. (10mm) tape, 2 pin</p>	<p><b>N6012-STDCB-2P-10</b> Strip to cable with black male &amp; female connector, for 0.39in. (10mm) tape, 2 pin</p>	<p><b>N6012-STDCW-2P-10</b> Strip to cable with white male &amp; female connector, for 0.39in. (10mm) tape, 2 pin</p>
<p><b>N6012-STSS-2P-10</b> Strip to strip connector, for 0.39in. (10mm) tape, 2 pin</p>	<p><b>C6012-LC-2P-10</b> L-shaped corner connector, for 0.39in. (10mm) tape, 2 pin</p>	<p><b>C6012-RC-2P-10</b> R-shaped corner connector, for 0.39in. (10mm) tape, 2 pin</p>	<p><b>MCB-DC-44</b> Male DC connector with 0.66ft (20cm) cable, IP44, Dry &amp; damp, 20 AWG</p>	<p><b>FCB-DC-44</b> Female DC connector with 0.66ft (20cm) cable, IP44, Dry &amp; damp, 20 AWG</p>

**ANNO TAPE PRO**

Indoor · Static White

**Drivers**

**Non-dimmable**

Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
KV-24030-ASW	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.4 x 2cm)
KV-24060-ASW	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.4cm)
KV-24096-ASW	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23 x 7 x 4.3cm)

**Phase cut/Triac-dimmable**

Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)		
KVF-24030-TDW	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.4 x 2cm)		
KVF-24060-TDW	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.4cm)		
KVF-24096-TDW	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23 x 7 x 4.3cm)		
KVF-24030-TDWJ	30W				Yes	Dry/Damp	Yes	Dry/Damp	6.5 x 3.6 x 1in. (16.5 x 9.2 x 2.6cm)
KVF-24060-TDWJ	60W								7.4 x 3.6 x 1in. (18.8 x 9.2 x 2.6cm)
KVF-24096-TDWJ	96W								8.7 x 3.7 x 1.6in. (22 x 9.3 x 4.1cm)
KVF-24192-TDWJ	192W (96Wx2)								10.9 x 4.3 x 1.8in. (27.8 x 11 x 4.5cm)
KVF-24288-TDWJ	288W (96Wx3)								11.9 x 4.3 x 1.8in. (30.1 x 11 x 4.5cm)
KVF-24384-TDWJ	384W (96Wx4)								12.7 x 5.5 x 1.9in. (32.3 x 14 x 4.8cm)

**4 in 1-dimmable (0-10V/1-10V/Potentiometer/10V PWM)**

Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)		
KVD-24030-DIM	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.4 x 2cm)		
KVD-24060-DIM	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.4cm)		
KVD-24096-DIM	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23 x 7 x 4.3cm)		
KVD-24030-DIMJ	30W				Yes	Dry/Damp	Yes	Dry/Damp	6.5 x 3.6 x 1in. (16.5 x 9.2 x 2.6cm)
KVD-24060-DIMJ	60W								7.4 x 3.6 x 1in. (18.8 x 9.2 x 2.6cm)
KVD-24096-DIMJ	96W								8.7 x 3.7 x 1.6in. (22 x 9.3 x 4.1cm)
KVD-24192-DIMJ	192W (96Wx2)								10.9 x 4.3 x 1.8in. (27.8 x 11 x 4.5cm)
KVD-24288-DIMJ	288W (96Wx3)								11.9 x 4.3 x 1.8in. (30.1 x 11 x 4.5cm)
KVD-24384-DIMJ	384W (96Wx4)								12.7 x 5.5 x 1.9in. (32.3 x 14 x 4.8cm)

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

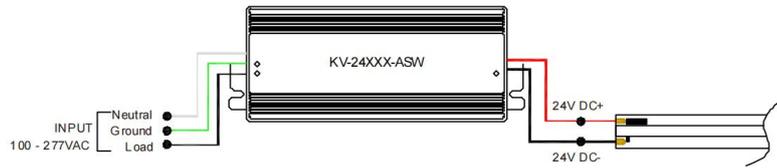
Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)		
KVG-24030-DW	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.4 x 2cm)		
KVG-24060-DW	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.4cm)		
KVG-24096-DW	96W					Dry/Damp/Wet	9.1 x 2.8 x 1.7in. (23 x 7 x 4.3cm)		
KVG-24030-DWJ	30W				Yes	Dry/Damp	Yes	Dry/Damp	6.5 x 3.7 x 1.6in. (16.5 x 9.5 x 4cm)
KVG-24060-DWJ	60W								7.4 x 3.7 x 1.6in. (18.8 x 9.5 x 4cm)
KVG-24096-DWJ	96W								8.7 x 3.7 x 1.6in. (22 x 9.5 x 4cm)
KVG-C24192-DWJ	192W (96Wx2)								10.9 x 4.3 x 1.8in. (27.8 x 11 x 4.5cm)
KVG-C24288-DWJ	288W (96Wx3)								11.9 x 4.3 x 1.8in. (30.1 x 11 x 4.5cm)
KVG-C24384-DWJ	384W (96Wx4)								12.8 x 5.5 x 1.9in. (32.5 x 14 x 4.8cm)

**ANNO TAPE PRO**

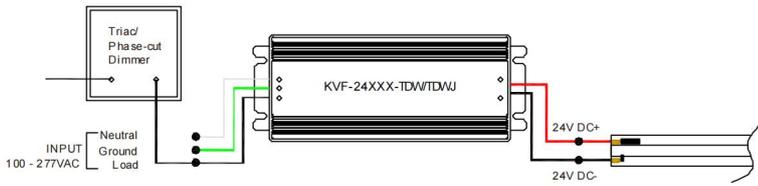
Indoor · Static White

**Wiring Diagram**

**Non-dimmable**



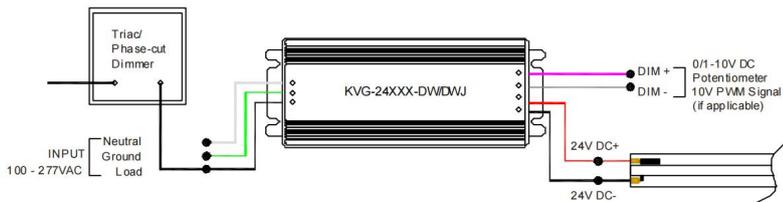
**Phase cut/Triac-dimmable**



**4 in 1-dimmable (0-10V/1-10V/Potentiometer/10V PWM)**



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



**ANNO TAPE PRO**

Indoor · Static White

**24V Voltage Drop & Maximum Wire Length Chart**

Based on 24V voltage with a 3% voltage drop allowance. Indicates the maximum wire length from the power supply to the start of the run.

Total load	8AWG	10AWG	12AWG	14AWG	16AWG	18AWG	20AWG	22AWG
<b>10W / 0.4A</b>	1588ft (484.0m)	999ft (304.5m)	628ft (191.4m)	395ft (120.4m)	248ft (75.5m)	156ft (47.5m)	98ft (29.8m)	61ft (18.5m)
<b>20W / 0.8A</b>	794ft (242.0m)	499ft (152.1m)	314ft (95.7m)	197ft (60.0m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	30ft (9.1m)
<b>30W / 1.3A</b>	529ft (161.2m)	333ft (101.5m)	209ft (63.7m)	131ft (39.9m)	82ft (24.9m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)
<b>40W / 1.7A</b>	397ft (121.0m)	249ft (75.9m)	157ft (47.8m)	98ft (29.8m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)
<b>50W / 2.1A</b>	317ft (96.6m)	199ft (60.6m)	125ft (38.1m)	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)
<b>60W / 2.5A</b>	264ft (80.4m)	166ft (50.6m)	104ft (31.7m)	65ft (19.8m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)
<b>70W / 2.9A</b>	226ft (68.8m)	142ft (43.2m)	89ft (27.1m)	56ft (17.0m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	8ft (2.4m)
<b>80W / 3.3A</b>	198ft (60.3m)	124ft (37.8m)	78ft (23.7m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)
<b>90W / 3.8A</b>	176ft (53.6m)	111ft (33.8m)	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)
<b>100W / 4.2A</b>	158ft (48.1m)	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)
<b>110W / 4.6A</b>	144ft (43.8m)	90ft (27.4m)	57ft (17.3m)	35ft (10.6m)	22ft (6.7m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)
<b>120W / 5.0A</b>	132ft (40.2m)	83ft (25.3m)	52ft (15.8m)	32ft (9.7m)	20ft (6.1m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)
<b>130W / 5.4A</b>	122ft (37.1m)	76ft (23.1m)	48ft (14.6m)	30ft (9.1m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)
<b>140W / 5.8A</b>	113ft (34.4m)	71ft (21.6m)	44ft (13.4m)	28ft (8.5m)	17ft (5.1m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)
<b>150W / 6.3A</b>	105ft (32.0m)	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)
<b>160W / 6.7A</b>	99ft (30.1m)	62ft (18.9m)	39ft (11.8m)	24ft (7.3m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)
<b>170W / 7.1A</b>	93ft (28.3m)	58ft (17.6m)	36ft (10.9m)	23ft (7.0m)	14ft (4.2m)	9ft (2.7m)	5ft (1.5m)	3ft (0.9m)
<b>180W / 7.5A</b>	88ft (26.8m)	55ft (16.7m)	34ft (10.3m)	22ft (6.7m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
<b>190W / 7.9A</b>	83ft (25.3m)	52ft (15.8m)	33ft (10.0m)	20ft (6.0m)	13ft (3.9m)	8ft (2.4m)	5ft (1.5m)	3ft (0.9m)
<b>200W / 8.3A</b>	79ft (24.0m)	49ft (14.9m)	31ft (9.4m)	19ft (5.7m)	12ft (3.6m)	7ft (2.1m)	4ft (1.2m)	3ft (0.9m)
<b>210W / 8.8A</b>	75ft (22.8m)	47ft (14.3m)	29ft (8.8m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
<b>220W / 9.2A</b>	72ft (21.9m)	45ft (13.7m)	28ft (8.5m)	18ft (5.4m)	11ft (3.3m)	7ft (2.1m)	4ft (1.2m)	2ft (0.6m)
<b>230W / 9.6A</b>	69ft (21.0m)	43ft (13.1m)	27ft (8.2m)	17ft (5.1m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)
<b>240W / 10.0A</b>	66ft (20.1m)	41ft (12.5m)	26ft (7.9m)	16ft (4.8m)	10ft (3.0m)	6ft (1.8m)	4ft (1.2m)	2ft (0.6m)
<b>250W / 10.4A</b>	63ft (19.2m)	40ft (12.1m)	25ft (7.6m)	15ft (4.5m)	9ft (2.7m)	6ft (1.8m)	3ft (0.9m)	2ft (0.6m)