

BELA TAPE COLORS

Indoor · Static White

Features

- Standard & popular SMD tape, with various monochromatic color options
- IP20 rated, ideal for indoor non-condensing uses
- 5 years warranty

Applications

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



Dimensions



Order Code (For LED tape)

Series	Environment	Voltage	Temp./Color	Power
BELA	D2-Dry (IP20)	24V-DC24V	RE-Red GR-Green BL-Blue AM-Amber YE-Yellow	3.1-3.05W/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
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

*For customizations, please inquire.

Extrusion Order Code

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

*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)

Temp./Color	3.05W/ft
Red (620-625nm)	107
Green (524nm±2)	310
Blue (465-470nm)	76
Amber (600-605nm)	102
Yellow (588nm±2)	66
Max. Run for Class 2*	23ft (7m)
Max. Run Supported Length	23ft (7m)

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

Technical Details	
Width	0.31in. (8mm)
LED Quantity	36 LEDs/ft (120 LEDs/m)
Beam Angle	120°
Efficacy	35.lm/W @Red 3.05W
Average Life (L70)	> 54,000 hours
Max. Length Per Reel	164ft (50m)
Storage Temperature	-4-113°F (-20°C- 60°C)
Ambient Temperature	-13-140°F (-20°C~ 45°C)

Feed Entry Options

F: Front



C: Closed



Connector Wire Options

OW: Open wire, Dry only

Standard 3.28ft (1m), 20 AWG
(wire length made to order)

MC: Male connector, Dry & Damp

Standard 0.66ft (20cm), 20 AWG

FC: Female connector, Dry &

Damp, Standard 0.66ft (20cm), 20 AWG

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Channel Compatibility

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

Lens Type & Light Transmission

CL Clear FR Frosted OP Opal

Surface			
BEI202		BEI205	
CL 60%	FR 55%	CL 81%	FR 73%
OP 45%		OP 60%	

Mud-In			
BE5615		BE7615	
CL 56%	FR 51%	CL 68%	FR 62%
OP 42%		OP 51%	

Recessed				
BEI201		BEI204	BE5035	BE6575
CL 59%	FR 54%	CL 81%	FR 74%	CL 61%
OP 44%		OP 60%	OP 38%	FR 56%
OP 45%				OP 45%

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Corner		
BE1002 CL 83%FR 76%OP 62%	BE1203 CL 81%FR 74%OP 60%	
Suspended		
BE3535 CL 53%FR 48%OP 39%	BE5075 CL 61%FR 55%OP 45%	BE60 CL 86%FR 79%OP 64%
Specialty		
BE6728 Staircase CL 50%FR 46%OP 37%		

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Connectors & Additional Accessories (Optional, purchase for extra)



N60CO-STCN-2P-8
Strip to cable connector without wire, for 0.3lin. (8mm) tape, 2 pin, IP20



N60CO-STC-2P-8
Strip to cable connector with 5.9lin. (15cm) wire, for 0.3lin. (8mm) tape, 2 pin, IP20



N60CO-STSJ-2P-8
Strip to strip jumper connector with 5.9lin. (15cm) wire, for 0.3lin. (8mm) tape, 2 pin, IP20



N60CO-STDCB-2P-8
Strip to cable with black male & female connector, for 0.3lin. (8mm) tape, 2 pin, IP20



N60CO-STDCW-2P-8
Strip to cable with white male & female connector, for 0.3lin. (8mm) tape, 2 pin, IP20



MCB-DC-44
Male DC connector with 0.66ft (20cm) cable, IP44, Dry & damp, 20 AWG



FCB-DC-44
Female DC connector with 0.66ft (20cm) cable, IP44, Dry & damp, 20 AWG

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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	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	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)

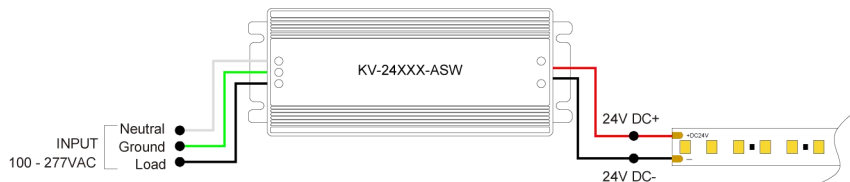
5 in 1-dimmable (Triac/0-10V/1-10V/Potentiometer/10V PWM)							
Code	Max Load	Input	Output	Class 2	With Junction Box	Environment	Size (L x W x H)
KVG-24030-DW	30W	100-277VAC	24V	Yes	No	Dry/Damp	6.1 x 2.1 x 0.8in. (15.5 x 5.4 x 2cm)
KVG-24060-DW	60W						7 x 2.4 x 0.9in. (17.8 x 6.1 x 2.4cm)
KVG-24096-DW	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	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)

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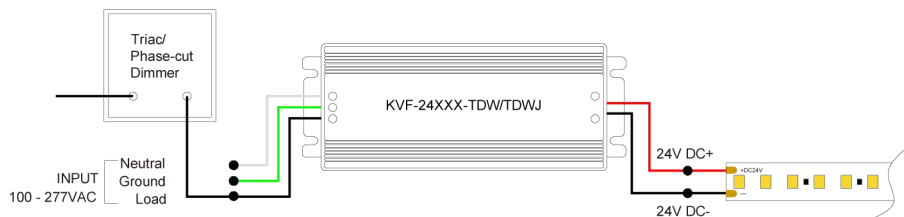
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Wiring Diagram

Non-dimmable



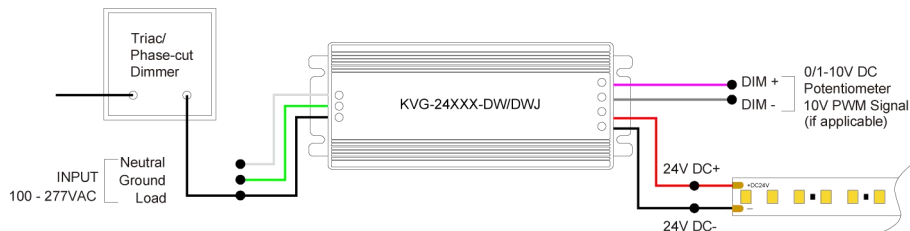
Phase cut/Triac-dimmable



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



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



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