

- High Brightness – Dimmable Task or Fill Lighting
- Excellent Color Rendering Index (80+ CRI)
- Field cuttable ETL Listing
- 5-Year Limited Warranty

Specified Item #	
Project	
Location	



Conforms to ANSI/UL Standard 2108  
 Certified to CAN/CSA Standard C22.2 No. 250.0



## SPECIFICATIONS

<b>Input Voltage</b>	12VDC constant voltage
<b>LED Chip Type</b>	Epistar 3528 SMD chip
<b>LED Chip Beam Angle</b>	120°
<b>LED Chip Spacing</b>	0.3 in. between centers
<b>Mounting</b>	3M™ adhesive
<b>Field Cuttable</b>	Every 1 in.
<b>Connections <sup>1</sup></b>	1 ft. female DC plug one end. 3 ft. lead wires opposing end. Lead wire: 20/2 AWG

<b>Dimmable</b>	Yes
<b>Ambient Temperature <sup>2</sup></b>	-4° ~ 122°F (-20° ~ 50°C)
<b>Operating Temperature <sup>3</sup></b>	-4° ~ 176°F (-20° ~ 80°C)
<b>Environment <sup>4</sup></b>	Indoor / dry location
<b>Dimensions</b>	0.3 x 0.1 in. (W x H)
<b>Warranty</b>	5 years
<b>Certifications</b>	ETL Listed: 4001928. Conforms to ANSI/UL Std 2108. Certified to CAN/CSA Std C22.2 No. 250.0. RoHS compliant.

Item #	Length	Max Run <sup>4</sup>	Power Consumption / ft.	Color Temp <sup>6</sup> (Kelvin)	Lumens / ft. <sup>7</sup>	Efficacy / ft. (lm/W)	CRI	Chips / ft.
DI-12V-BL27-8016	16.4 ft.	16.4 ft.	2.88W / 240mA	2700k	200	69.44	80+	36
DI-12V-BL27-80100	100 ft.	16.4 ft.	2.88W / 240mA	2700k	200	69.44	80+	36
DI-12V-BL30-8016	16.4 ft.	16.4 ft.	2.88W / 240mA	3000k	200	69.44	80+	36
DI-12V-BL30-80100	100 ft.	16.4 ft.	2.88W / 240mA	3000k	200	69.44	80+	36
DI-12V-BL42-8016	16.4 ft.	16.4 ft.	2.88W / 240mA	4200k	200	69.44	80+	36
DI-12V-BL42-80100	100 ft.	16.4 ft.	2.88W / 240mA	4200k	200	69.44	80+	36
DI-12V-BL50-8016	16.4 ft.	16.4 ft.	2.88W / 240mA	5000k	200	69.44	80+	36
DI-12V-BL50-80100	100 ft.	16.4 ft.	2.88W / 240mA	5000k	200	69.44	80+	36
DI-12V-0140	16.4 ft.	16.4 ft.	2.88W / 240mA	Red / 625nm	77	26.74	N/A	36
DI-12V-0141	16.4 ft.	16.4 ft.	2.88W / 240mA	Green / 525nm	126	43.75	N/A	36
DI-12V-0142	16.4 ft.	16.4 ft.	2.88W / 240mA	Blue / 465nm	36	12.5	N/A	36

- Note <sup>1</sup>** Ensure wire leads at opposing ends of the tape light are not crossed when power is applied to the fixture. It is acceptable to modify the length of the leads or cut off the attached leads and DC connections in the field.
- Note <sup>2</sup>** Do not install product in an environment outside the listed ambient temperature. Ensure adequate airflow and heatsinking is considered when mounting/installing.
- Note <sup>3</sup>** Operating temperature is measured according to the minimum and maximum ambient temperature environment. Exceeding the maximum operating temperature may damage LED chips by reducing the total lamp life, lumen output, and/or adversely impact color consistency.
- Note <sup>4</sup>** Do not install in direct sunlight.
- Note <sup>5</sup>** Each maximum run requires a dedicated power feed from the driver. Do not extend beyond the recommended maximum run length.
- Note <sup>6</sup>** Epistar 3528 SMD Chip binning ranges: (2700k 80 CRI: 2580-2725k), (3000k 80 CRI: 2870-3045k), (4200k 80 CRI: 3985-4260k), (5000k 80 CRI: 5000-5500k).
- Note <sup>7</sup>** LED chips have a luminous flux range with a tolerance of +/- 5%. In other words, lumen output may vary +/- 5%. SS022414-1.1