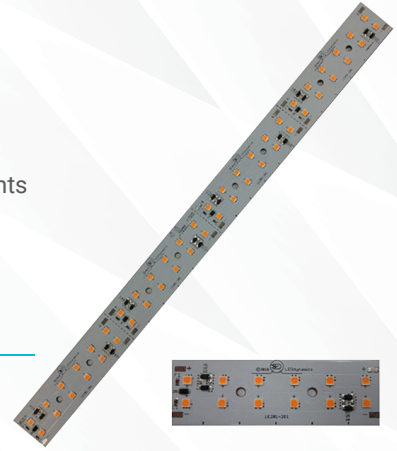


DUOSTRIP 1033

LED Light Engine

PRODUCT OVERVIEW

The DuoStrip is a 12-24VDC high brightness light engine strip with 48 LEDs per foot and delivering over 1,100 lumens. Capable of being cut every three inches, the individual segments can each be energized and function as standalone light engines, minimizing waste and maximizing versatility. With the ability to daisy-chain boards up to 20 feet in total length, the DuoStrip can adapt to serve a wide variety of needs and applications.



FEATURES

- ✓ Made in America design and quality
- ✓ 12 or 24VDC input power options
- ✓ Customization of specifications available
- ✓ Field cut capable every 3 inches
- ✓ Cut segments function as standalone light engines
- ✓ Daisy-chain capable up to 11 foot lengths
- ✓ Rigid strip does not require heatsinking
- ✓ Integrated reverse polarity protection

Product		L045-N7XXXX40	I033-N7XXXX40
General	Shape	Rectangle	
	LED Count	48	
	Field Cut	Standalone light engines down to 3-inch sections	
	Daisy Chain Limit	Up to 11 feet	
	Lumens ¹	1076 to 1146 lm	
	Beam Angle	120°	
	Optics	None	
	CCT	2700K - 6500K plus Horticulture specific options	
	CRI	80-90	
	Colors	Blue, Green, Red, Yellow	
Electrical	Typical Input Voltage	12V _{DC} typ	24V _{DC}
	Minimum Maximum Voltage	11V _{DC} 13V _{DC}	20V _{DC} 30V _{DC}
	Wattage	8 W/ft	
	Efficacy ²	149 lm/W	
Control	Dimming	Yes	
	Type	PWM (Pulse Width Modulation)	
Environment	Operating Temp	-40 to 80° C	
	Storage Temp	-40 to 125° C	
	Connection	4 solder pads per 3" section	
Mechanical	Mounting Holes	8	
	Dimension	12.0 x 0.95 x 0.13 in (304.8 x 24.1 x 2.6 mm)	
	Weight	0.29 oz (8.3g)	
	Compliance	RoHS	
Regulatory	Warranty	1 Year	

^{1,2} Calculated using white, non horticulture, LEDs.

* All specifications subject to change without prior notification.

DUOSTRIP I033

LED Light Engine

Ordering Information

Product ID	Manf	Family	Generation	CRI ¹	CCT ²	Drive Current ³							
12 V - L045	Nichia	Z57	H1	80+	2700K	40mA							
24V - I033							G0	90+	3000K	3500K	4000K	5000K	6500K

¹ CRI does not apply to color LEDs;
² H30 and 50 are Horticulture 3000K and 5000K
³ Typical LED drive current is 40mA, this can be customized on request.

Mechanical Drawings

