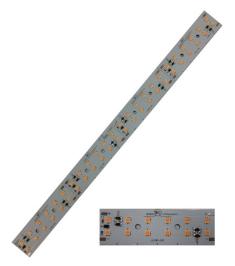


The **DuoStrip IO33** is a 24VDC high brightness light engine strip with 48 LEDs per foot and delivering over 1,700 lumens. Capable of being cut every three inches, the individual segments can each be energized and function as standalone light engines whereby minimizing waste and maximizing versatility. With the ability to daisy-chain boards from 8 to 20 feet in total length, the DuoStrip can adapt to serve a wide variety of needs and applications.

Features

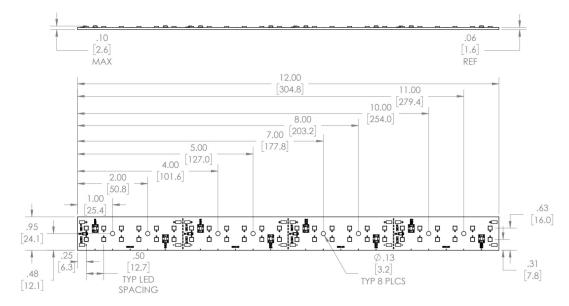
- o Made in America design and quality
- o $\,$ DC input power up to 30 V_{DC}
- o Customization of specifications available
- o Field cut capable every 3 inches
- o Cut segments function as standalone light engines
- o Daisy-chain capable up to eight foot lengths
- o Integrated reverse polarity protection



Specifications

Product		I033-XXXXXX-LO	I033-XXXXXX-HO					
General	Shape:	Solid Strip						
	LED Count:	48						
	Field Cut:	Standalone light engines down to 3 inch sections						
	Daisy Chain Limit:	Up to 20 feet	Up to 11 feet	Up to 8 feet				
	Lumens:	420 to 605 ln	795 to 1123 lm	1224 to 1728 lm				
	Beam Angle:	150°						
	Optics:	None						
	CCT:	2700K to 6500K & Horticulture						
	CRI:	80+ & 90+						
	Colors:	Red, Green & Blue						
Electrical	Input Voltage:	20 min 24 V _{DC} (Typ) 30 max						
	Wattage:	3.8 W (Typ)	7.7 W (Typ)	11.5 W (Typ)				
	Power Consumption:	3.8 W / Ft	7.7 W / Ft	11.5 W / Ft				
	Efficacy:	159 lm/W	145 lm/W	150 lm/W				
Control	Dimming:	Yes						
	Туре:	PWM						
Environment	Operating Temp:	-40 to 80° C						
	Storage Temp:	-40 to 125° C						
Mechanical	Connection:	4 Solder Pads per section						
	Mounting Holes:	8						
	Dimension:	11.5 x 0.45 x 0.13 in (292.1 x 11.45 x 3.3 mm)						
	Weight:	0.29 oz (8.3 g)						
Regulatory	Compliance:	RoHS						
	Warranty:	1 Year						
* All specifications are subject to change without prior notification.								

Mechanical Drawings



Ordering Detail

Product -	Manf	Family	CRI^1	Color ²	-	Output	
1033	<u>N</u> ichia	<u>75</u> 7	<u>8</u> 0+	27		<u>L</u> ow <u>O</u> utput	
			<u>9</u> 0+	30		<u>S</u> tandard <u>O</u> utput	
				35		<u>H</u> igh <u>O</u> utput	
				40			
				50			
				RED			
				GRN			
				BLU			
				H30			
				H50			
¹ CRI does not apply to Color LEDs: leave blank for RGB ² H30 and 50 Horticulture 3000K & 5000K							

¹ CRI does not apply to Color LEDs; leave blank for RGB ² H30 and 50 Horticulture 3000K & 5000K

Example: I033-N75840-HO