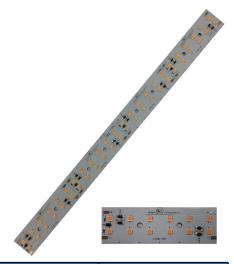


The **DuoStrip IO33** is a 24VDC high brightness light engine strip with 48 LEDs per foot and delivering over 1,700 lumens. Capable of being cut every three inches, the individual segments can each be energized and function as standalone light engines whereby minimizing waste and maximizing versatility. 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
- Out segments function as standalone light engines
- o Daisy-chain capable up to eight foot lengths
- o Integrated reverse polarity protection

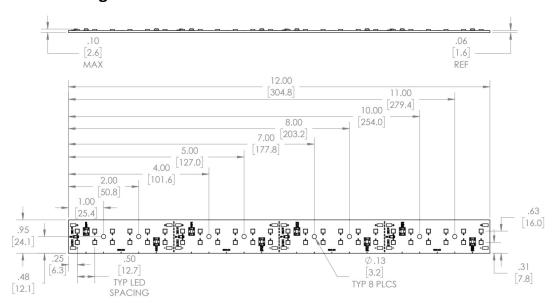


Specifications

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					
	сст:	2700K to 6500K & Horticulture					
	CRI:	80+ & 90+					
	Colors:	Red, Green, Blue, & Yellow					
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					
	Type:	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		Standard Output
				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

Example: I033-N75840-HO