DuoStrip I033
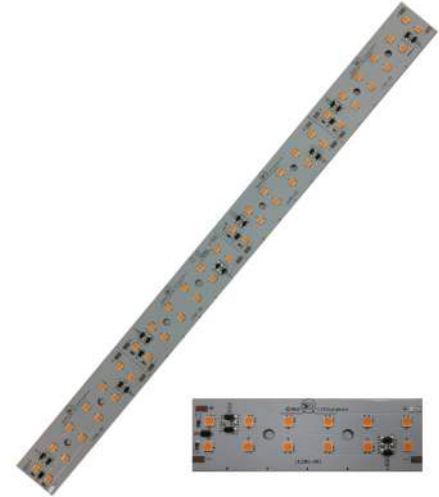## 24 Volt Constant Voltage Light Engine

LUXdrive
by LEDdynamics®

The **DuoStrip I033** 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
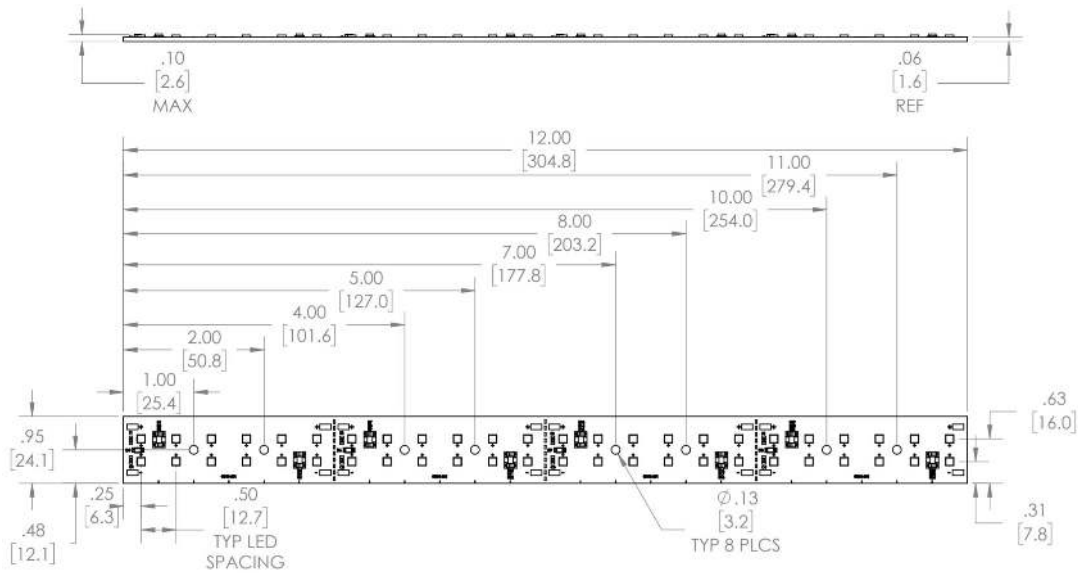
o   Integrated reverse polarity protection

Specifications

Product		I033-XXXXXX-LO	I033-XXXXXX-SO	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, & 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
I033		Nichia	757	80+	27		Low Output
				90+	30		Standard Output
					35		High Output
					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