

# L013 DRACO

## 12V LED Light Engine

### PRODUCT OVERVIEW

The L013 Draco is a low voltage, 12Vdc, high brightness light engine with 30 LEDs delivering over 1,000 lumens. Available in a wide range of color temperatures, 2700K to 6500K, red, green, blue, yellow, and 3000K or 5000K for horticulture applications. A compact, 2.4in x 2.9in, form factor allows ease of integration into fixtures and OEM applications where a large quantity of light is required but space is limited.



### FEATURES

- k Designed and manufactured in America
- k On board driver electronics with a DC input up to 13.2VDC
- k Integrated reverse polarity protection
- k Customization of specifications available

Product	L013-N7H1xxx60										
General	Shape	Rectangle									
	LED Count	30									
	Field Cut	No									
	CCT	2700K	3000K	3500K	4000K	5000K	6500K	Red	Green	Blue	Yellow
	Typical Lumen Output	1050lm	1050lm	1050lm	1050lm	1125lm	1125lm	475lm	975lm	260lm	260lm
	CRI	80min & 90min									
	Beam Angle	120°									
Electrical	Input Voltage	10.8V <sub>DC</sub> min		12V <sub>DC</sub> typ		13.2V <sub>DC</sub> max					
	Power Consumption	6.4 W typ									
	Typical Efficacy	164 lm/W	175 lm/W	74 lm/W	152 lm/W	40 lm/W					
Control	Dimming	Non-Dimming									
Environment	Operating Temp	-20 to 80° C									
	Storage Temp	-40 to 125° C									
Mechanical	Connection	Poke-Home 18-24 AWG, Max conductor dia 1.2mm									
	Mounting	4 Mounting holes or Double Sided Adhesive									
	Dimension	2.9 x 2.4 x 0.2 in (73.66 x 60.96 x 5.1 mm)									
	Weight	0.64oz (18g)									
Regulatory	Compliance	RoHS									
	Warranty	1 Year									

\* All specifications subject to change without prior notification.

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### Ordering Information

Example: L013-N7H183060

Product ID	-	Manf	Family	Generation <sup>1</sup>	CRI <sup>2</sup>	CCT <sup>3</sup>	Drive Current
<u>L013</u>		<u>Nichia</u>	<u>757</u>	<u>H1</u> <u>G0</u>	<u>80+</u> <u>90+</u>	<u>2700K</u> <u>3000K</u> <u>3500K</u> <u>4000K</u> <u>5000K</u> <u>6500K</u> <u>BLU</u> <u>GRN</u> <u>RED</u> <u>YEL</u> <u>H30</u> <u>H50</u>	<u>60mA</u>

<sup>1</sup> H1 is for white LEDs and G0 is for colors and Horticulture

<sup>2</sup> CRI does not apply to color LEDs

<sup>3</sup> H30 and 50 are Horticulture 3000K and 5000K

### Application Information

