

LED Driver Type	Constant Voltage (Class2)
Maximum Wattage	12 Watts
Input Voltage	120-277 VAC $\pm$ 10% Universal
Input Frequency	50/60Hz

APPROVALS:

- UL8750



L SERIES

LED DRIVERS

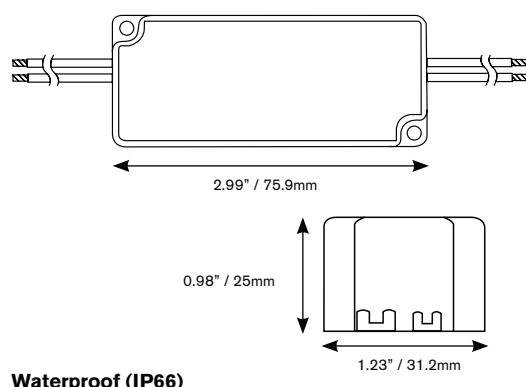
ELECTRICAL SPECIFICATIONS

Watts	Hatch Part Number	Input Voltage	Input Power	Power Factor	Input Current 120/277V	Output Voltage	Output Current	Efficiency	Case Style
Universal Models									
12	LV12-12N-UNV-Y	Universal 120 - 277 VAC	12W	>0.90	0.18A/0.08A	12 VDC	1.0A	75%	Y
	LV12-16N-UNV-Y	Universal 120 - 277 VAC	12W	>0.90	0.18A/0.08A	16 VDC	0.8A	76%	Y
	LV12-24N-UNV-Y	Universal 120 - 277 VAC	12W	>0.90	0.18A/0.08A	24 VDC	0.5A	78%	Y
	LV12-36N-UNV-Y	Universal 120 - 277 VAC	12W	>0.90	0.18A/0.08A	36 VDC	0.35A	80%	Y
	LV12-48N-UNV-Y	Universal 120 - 277 VAC	12W	>0.90	0.18A/0.08A	48 VDC	0.25A	83%	Y

PRODUCT FEATURES :

- Protection: Short circuit and overload protection
- EMC: Meets FCC Part 15 Class B (Consumer Limits)
- Temperature Range: -30°C to +60°C
- (Y) Case Style: Waterproof (IP66)
- THD < 20% (> 80% of full load)

CASE DIMENSIONS & MECHANICAL SPECIFICATIONS:



CASE STYLE

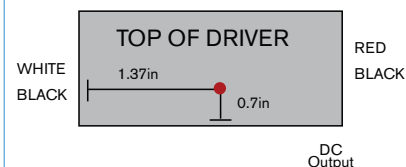
Y - Polycarbonate Casing

Wiring Information

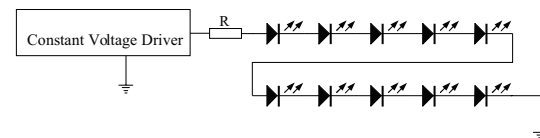
Lead Length : Input: 6", Output : 6"

Wire Type : Input: 18AWG, 105°C

Tc Point Location Max. T c Point Temp.: 90°C



WIRING DIAGRAM:



**Constant voltage mode application,
Resistor R = 1Ω/3W**