

LED Driver Type	Constant Current (Class 2)
Maximum Wattage	12 Watts
Input Voltage	120 VAC $\pm$ 10% Dedicated 120 - 277 VAC $\pm$ 10% Universal
Input Frequency	50/60Hz

APPROVALS:

- UL 8750 recognized component
- EN61000-3-2
- UL879 ("C" Case Style Only)



L SERIES

LED DRIVERS

ELECTRICAL SPECIFICATIONS

Watts	Rated Current (mA)	Output Voltage	Dimming Type	Input Voltage	Input Power	Input Current 120/277V	Power Factor	Efficiency	Hatch Part Number	Case Style
Dimming Models										
12	260mA	23-46 VDC	Phase Dimming	120 VAC	14W	0.13A	>0.90	>78%	LC12-0260P-120-B	B
	350mA	17-34 VDC	Phase Dimming	120 VAC	15W	0.13A	>0.90	75%	LC12-0350P-120-B	B
	350mA	6-32 VDC	Phase Dimming	120 VAC	15W	0.13A	>0.90	75%	LC12-0350P-120-C	C
	500mA	12-24 VDC	Phase Dimming	120 VAC	15W	0.13A	>0.90	77%	LC12-0500P-120-B	B
	500mA	5-24 VDC	Phase Dimming	120 VAC	15W	0.13A	>0.90	77%	LC12-0500P-120-C	C
	600mA	5-20 VDC	Phase Dimming	120 VAC	15W	0.13A	>0.90	77%	LC12-0600P-120-C	C
	700mA	8-17 VDC	Phase Dimming	120 VAC	15W	0.13A	>0.90	77%	LC12-0700P-120-B	B
	700mA	5-17 VDC	Phase Dimming	120 VAC	15W	0.13A	>0.90	77%	LC12-0700P-120-C	C
12	400mA	5-30 VDC	Local Dimming	120 VAC	15W	0.13A	>0.70	77%	LC12-0400L-120-B	B
Non-Dimming Models										
12	80mA	90-150 VDC	Non-Dimming	Universal 120 - 277 VAC	14.5W	0.12/.05A	>0.92	85%	LC12-0080N-UNV-Y	Y
	120mA	60-100 VDC	Non-Dimming	Universal 120 - 277 VAC	14.5W	0.12/.05A	>0.92	85%	LC12-0120N-UNV-Y	Y
	250mA	29-48 VDC	Non-Dimming	Universal 120 - 277 VAC	14.5W	0.12/.05A	>0.92	85%	LC12-0250N-UNV-Y	Y
	280mA	26-43 VDC	Non-Dimming	Universal 120 - 277 VAC	14.5W	0.12/.05A	>0.92	85%	LC12-0280N-UNV-Y	Y
	350mA	22-36 VDC	Non-Dimming	Universal 120 - 277 VAC	14.5W	0.12/.05A	>0.92	85%	LC12-0350N-UNV-Y	Y
	350mA	6-32 VDC	Non-Dimming	120 VAC	15.5W	0.12A	>0.90	77%	LC12-0350N-120-C	C
	500mA	15-24 VDC	Non-Dimming	Universal 120 - 277 VAC	14.5W	0.12/.05A	>0.92	87%	LC12-0500N-UNV-Y	Y
	640mA	11-18 VDC	Non-Dimming	Universal 120 - 277 VAC	14.5W	0.12/.05A	>0.92	85%	LC12-0640N-UNV-Y	Y
	700mA	5.5-17 VDC	Non-Dimming	120 VAC	14.5W	0.12A	>0.90	80%	LC12-0700N-120-C	C
	750mA	10-16 VDC	Non-Dimming	Universal 120 - 277 VAC	14.5W	0.12/.05A	>0.92	86%	LC12-0750N-UNV-Y	Y
	1000mA	8-12 VDC	Non-Dimming	Universal 120 - 277 VAC	14.5W	0.12/.05A	>0.92	85%	LC12-1000N-UNV-Y	Y

PRODUCT FEATURES, CASE DIMENSIONS & MECHANICAL SPECIFICATIONS ON PAGE 2

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L SERIES

LED DRIVERS

PRODUCT FEATURES :

- Protection: Short circuit and overload protection
- Over Temperature Protection
- EMC: Meets FCC47 CFR Part 15 (Class B) Consumer Limits
- Type 1 Outdoor, suitable for dry and damp locations (IP20)
- Local Dimming: Dimmable via potentiometer
- Phase dimming models can dim with leading or trailing edge dimmers
- Withstanding Voltage: I/P – O/P 2kVAC
- Temperature Range: -30° - 60°C

CASE DIMENSIONS & MECHANICAL SPECIFICATIONS:

PHASE DIMMING WIRING DIAGRAM:

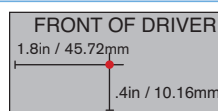
CASE STYLE

B - Polycarbonate Casing

Wiring Information

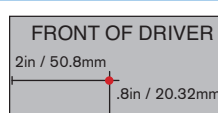
Input : 12", UL 1316 #18AWG (Black and White)
 Output: 12", UL 1316 #18AWG (Black and White)
 Tc Point Location Max. T c Point Temp.: 90°C

PHASE DIMMING

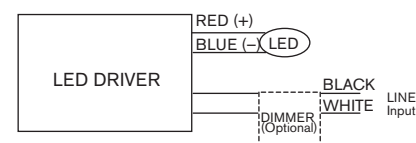


RED (+)
BLUE (-)

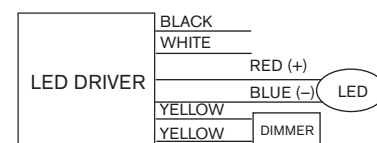
LOCAL DIMMING



BLACK
WHITE
RED (+)
BLUE (-)
YELLOW
YELLOW



LOCAL DIMMING WIRING DIAGRAM:



Packaging Information

Weight : 4.23oz
 Quantity : 80pcs/carton

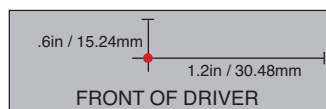
CASE STYLE

C - Polycarbonate Casing

Wiring Information

Input : 12", UL 1316 #18AWG (Black and White)
 Output : 12" UL 1316 #18AWG (Red and Blue)
 Tc Point Location Max. T c Point Temp.: 90°C

WHITE
BLACK

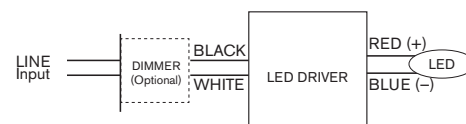


RED (+)
BLUE (-)

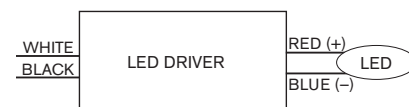
LINE Input

DC Output

DIMMING WIRING DIAGRAM:



NON-DIMMING WIRING DIAGRAM:



Packaging Information

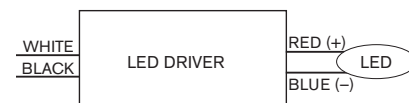
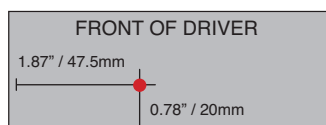
Weight : 5.29oz
 Quantity : 40pcs/carton

CASE STYLE

Y - Polycarbonate Casing

Wiring Information

Input : 12", UL 1316 #18AWG (Black and White)
 Output : 12" UL 1316 #18AWG (Red and Blue)
 Tc Point Location Max. T c Point Temp.: 90°C



Packaging Information

Weight : 5.29oz
 Quantity : 40pcs/carton

