

LED80-37V120M-MC



Driver Type:	LED Module Driver	Description:	80W, 1.0-2.2A, 28-38V DC
Output Mode:	Constant Current	Input Voltage:	120 to 277V AC
Protection:	Short Circuit & Overload	Input Frequency:	50 / 60Hz
Max. Case Temperature:	158°F / 70°C	Warranty:	Five Years

ELECTRICAL SPECIFICATIONS

Max. Output Power (W)	Output Voltage (V)	Output Current (mA)	Max. Input Current (A)		Max. Input Power (W)	THD @ Max. Load (%)	Power Factor @ Max. Load	Efficiency @ Max. Load		Open Load Voltage (V)	Min. Start Temperature (°F/°C)	
			120V	230V				277V	120V			230V
80	28-38	1000-2200	0.74A	0.39A	86	10	> 0.90	85.8%	86.7%	87.0%	42	-40 / -40

Min. Input Voltage (V)	Output Power Range (W)	Output Current Ripple	Isolation	Interface	Life @ Case Temperature (140°F/60°C)
108	56 to 80, (6, 7 or 8 of LED1100/40 Modules)	15%@2200mA (ripple=(pk-pk)/avg)	SELV (Input & Output Isolated)	Iset (Ω)	50,000 hours

REGULATORY COMPLIANCE

- Meets FCC Part 15 Class A for EMI
- Complies with ANSI Standards
- RoHS Compliant
- cRUus Listed



ULTRASAVE LIGHTING LTD.

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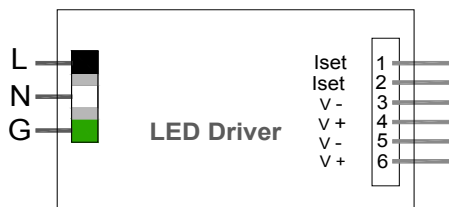
Data published here are based on the result of testing under controlled environmental conditions. Actual performance can vary depending on operating conditions. Specifications are subject to change without notice. C1114USL

ELECTRICAL SPECIFICATIONS

Driver "OUT" to LED Module "IN" Cable for Modules "LED1100/40"							
Cable Part Number	Max. load of each connector: 1.2A, (Length of wire = 400mm)	Cable Type	# of LED Modules	Output Power (W)	Output Lumen (Lm)	Iset Resistor (Ω)	Output Current (A)
LED80-WH2C400 (White)		Standard	8	73.0	8,830	4,300	2.10
LED80-GR2C400 (Green)		Optional (For custom order)	8	68.4	8,720	3,900	1.98
LED80-BL2C400 (Blue)			6,7,8	56.8	6,810-7,320	2,700	1.65

PHYSICAL CHARACTERISTICS

WIRING DIAGRAM



Input
* Wire Type: Solid 22-18 AWG
* Wire strip length: 8-9mm

Output
* Use with "LED80-XX2C400"

CASE DIMENSIONS

Overall (L)	15.60"	396 mm
Width (W)	1.50"	38 mm
Height (H)	1.06"	27 mm
Mounting (M)	15.16"	385 mm

ORDERING INFORMATION

Model # (Standard Cable Type)	Quantity/Carton (pcs)	Carton Dimensions (L"x W"x H")	G. Weight (lb)
LED80-37V120M-MC	30	17.0 X 10.6 X 7.9	48.5

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TECHNICAL INQUIRY, PLEASE CALL 905.940.0888 OR 1.866.733.9217

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