

## 96 W, Efficient, Compact Non-Dimmable CV Class 2 / Class II LED Drivers

Nominal Input Voltage	Max. Output Power	Nominal Output Voltage	Max. Output Current	Efficiency	Max. Case Temperature	THD	Power Factor
120 & 277, 220 to 240 Vac	96 W	12, 24, 48 Vdc	8, 4, 2 A	up to 93% typical	90°C (measured at the hot spot)	< 20%	> 0.9



**Models with Flying Leads, Aluminum Case:**  
L 137 x W 26.25 x H 19.85 mm  
(L 5.39 x W 1.03 x H 0.78 in)



**Models with "-S" Suffix, Bottom Leads with Studs, Aluminum Case:**  
L 137 x W 26.25 x H 23.85 mm  
(L 5.39 x W 1.03 x H 0.94 in)



**Models with "-T" Suffix (Terminal Blocks), Aluminum Case:**  
L 193.2 x W 26.25 x H 19.85 mm  
(L 7.60 x W 1.03 x H 0.78 in)

ERP Part Number	Nominal Input Voltage (Vac)	Pout Max (W)	Vout Nom (Vdc)	Iout Min (A)	Iout Max (A)	Open Loop Voltage (No Load Vout Max) (Vdc)
<b>120/277 VAC NOMINAL VOLTAGE</b>						
VLM100W-12 <sup>(1)</sup>	120 & 277	96	12	0.2	8	12.84
VLM100W-24	120 & 277	96	24	0.2	4	25.68
VLM100W-48	120 & 277	96	48	0.1	2	51.36
VLM100W-12-S <sup>(1)</sup>	120 & 277	96	12	0.2	8	12.84
VLM100W-24-S	120 & 277	96	24	0.2	4	25.68
VLM100W-48-S	120 & 277	96	48	0.1	2	51.36
<b>220 TO 240 VAC NOMINAL VOLTAGE</b>						
VLM100E-12	220 to 240	96	12	0.2	8	12.84
VLM100E-24	220 to 240	96	24	0.2	4	25.68
VLM100E-48	220 to 240	96	48	0.1	2	51.36
VLM100E-12-T	220 to 240	96	12	0.2	8	12.84
VLM100E-24-T	220 to 240	96	24	0.2	4	25.68
VLM100E-48-T	220 to 240	96	48	0.1	2	51.36

- VLM100W-12 is not Class 2 because the over-current protection of this model exceeds the 8A UL Class 2 limit.
  - Suffix for the different mounting options:
    - No suffix: side leads
    - "-T": Terminal blocks
    - "-S": Bottom lead exit with studs
- For additional options of output current and output voltage, contact your sales representative or send an email to: [SaveEnergy@erp-power.com](mailto:SaveEnergy@erp-power.com)

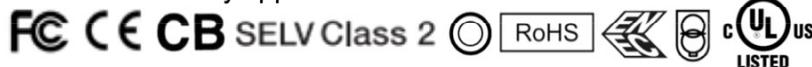
### APPLICATIONS

- Strip lights
- Pendants
- Linears
- Cove Lights



### FEATURES

- Very high power density of 24 W/in<sup>3</sup>
- Class 2 power supply
- UL Class P
- IP20-rated case with silicone-based potting
- 90° C maximum case hot spot temperature
- Lifetime: 50,000 hours min at 70° C case temperature
- Complies with ENERGY STAR®, DLC (DesignLight Consortium®) and CA Title 24 technical requirements
- Worldwide safety approvals
- Additional safety approvals when using the optional strain reliefs for models with "-T" suffix



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# Mouser Electronics

Authorized Distributor

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