

## 60 & 40 W, High Density, 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	60 W	12, 24, 48 Vdc	5, 2.5, 1.25 A	up to 93% typical	90°C (measured at the hot spot)	< 20%	> 0.9

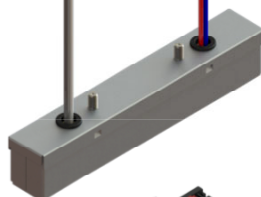
### Models with Flying Leads, Aluminum Case:

L 130 x W 19.85 x H 19.85 mm  
(L 5.12 x W 0.78 x H 0.78 in)



### Models with "-S" Suffix, Bottom Leads with Studs, Aluminum Case:

L 130 x W 19.85 x H 23.85 mm  
(L 5.12 x W 0.78 x H 0.94 in)



### Models with "-T" Suffix (Terminal Blocks), Aluminum Case:

L 183.2 x W 19.85 x H 19.85 mm  
(L 7.12 x W 0.78 x H 0.78 in)




## FEATURES

- Very high power density of 20 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



**FC CE CB SELV Class 2**    

- Additional safety approvals when using the optional strain reliefs for models with "-T" suffix 

### 120 & 277 VAC NOMINAL INPUT

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>VLM40W</b>						
VLM40W-12	120 & 277	40	12	0.1	3.3	12.84
VLM40W-24	120 & 277	40	24	0.05	1.67	25.68
VLM40W-48	120 & 277	40	48	0.025	0.83	51.36
VLM40W-12-S	120 & 277	40	12	0.1	3.3	12.84
VLM40W-24-S	120 & 277	40	24	0.05	1.67	25.68
VLM40W-48-S	120 & 277	40	48	0.025	0.83	51.36
<b>VLM60W</b>						
VLM60W-12	120 & 277	60	12	0.1	5	12.84
VLM60W-24	120 & 277	60	24	0.05	2.5	25.68
VLM60W-48	120 & 277	60	48	0.025	1.25	51.36
VLM60W-12-S	120 & 277	60	12	0.1	5	12.84
VLM60W-24-S	120 & 277	60	24	0.05	2.5	25.68
VLM60W-48-S	120 & 277	60	48	0.025	1.25	51.36

### 220 to 240 VAC NOMINAL INPUT

<b>VLM40E</b>						
VLM40E-12	220 to 240	40	12	0.1	3.3	12.84
VLM40E-24	220 to 240	40	24	0.05	1.67	25.68
VLM40E-12-T	220 to 240	40	12	0.1	3.3	12.84
VLM40E-24-T	220 to 240	40	24	0.05	1.67	25.68
VLM40E-48-T	220 to 240	40	48	0.025	0.83	51.36
<b>VLM60E</b>						
VLM60E-12	220 to 240	60	12	0.1	5	12.84
VLM60E-24	220 to 240	60	24	0.05	2.5	25.68
VLM60E-48	220 to 240	60	48	0.025	1.25	51.36
VLM60E-12-T	220 to 240	60	12	0.1	5	12.84
VLM60E-24-T	220 to 240	60	24	0.05	2.5	25.68
VLM60E-48-T	220 to 240	60	48	0.025	1.25	51.36

Suffix for the different mounting options:

- 1) NO suffix: side leads
- 2) "-T": Terminal blocks
- 3) "-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



### CHINA Operations

tel: +86-756-6266298  
No. 8 Pingdong Road 2  
Zhuhai, Guangdong, China 519060

[www.erp-power.com](http://www.erp-power.com)

[SaveEnergy@erp-power.com](mailto:SaveEnergy@erp-power.com)

### USA Headquarters

tel: +1-805-517-1300  
893 Patriot Drive, Suite E  
Moorpark, CA 93021, USA