

## 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)



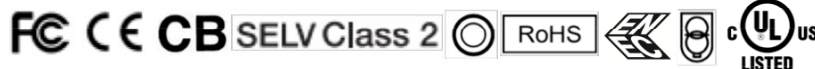
### Models with "-T" Suffix (Terminal Blocks), Aluminum Case:

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



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



| 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 &amp; 277 VAC NOMINAL INPUT</b> |                             |              |                |              |              |  |
| <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                                      |
| <b>220 to 240 VAC NOMINAL INPUT</b>    |                             |              |                |              |              |  |
| <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



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