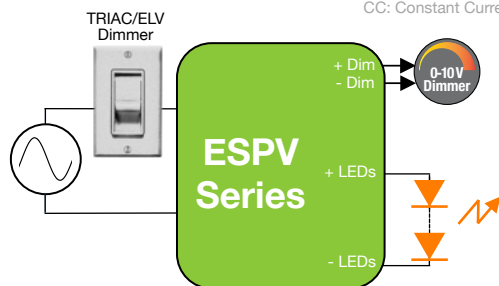


CC LED Drivers with Tri-Mode Dimming™ (0-10 V & TRIAC/ELV), UL Class P and 5VA

Nominal Input Voltage	Max. Output Power	Output Voltage	Output Current	Efficiency	Max. Case Temperature	THD	Power Factor	Dimming Method	Dimming Range	Startup Time
120 to 277 Vac	60 W	24 to 42 Vdc	1050 mA to 1.4 A CC	up to 87% typical	90°C (measured at the hot spot)	< 20%	> 0.9	Forward-Phase, Reverse-Phase & 0 - 10V	1 - 100% (% of Iout)	300 ms typical

CC: Constant Current



ERP Part Number	Nominal Input Voltage (Vac)	Iout (mA)	Max Output Power (W)	Output Voltage Range (Vdc)	
				Min	Max
ESPV050W: 41 to 50W					
ESPV050W-1050-42-Z1 ⁽¹⁾	120 - 277	1050	44.1	24	42
ESPV050W-1200-42-Z1 ⁽¹⁾	120 - 277	1200	50.4	24	42
ESPV060W: 51 to 60W					
ESPV060W-1400-42-Z1 ⁽¹⁾	120 - 277	1400	58.8	24	42

1) Non-linear 0-10V dimming profile (10V to 9.1V=100%, 1V to 0.8V=1%, <0.8V dim-to-off).

2) For additional options of output current and output voltage, contact your sales representative or send an email to: SaveEnergy@erp-power.com

APPLICATIONS

- Commercial lighting
- Architectural lighting
- Residential lighting
- Wide-area downlights

FEATURES

- Compatible with TRIAC (forward-phase or leading-edge), ELV (reverse-phase or trailing-edge) and 0-10 V dimmers
- Non-linear 0-10V dimming with dim-to-off: 10V to 8.1V=100%, 1V to 0.8V=1%, Dim to off <0.8V
- Lifetime: 50,000 hours min at 70°C case temperature
- Protections: output open load, over-current and short-circuit (hiccup), and over-temperature with auto recovery
- Conducted and radiated EMI: Compliant with FCC CFR Title 47 Part 15 Class B (120 Vac)/Class A (277 Vac) and EN55015 (CISPR 15) at 220/230/240 Vac
- Complies with ENERGY STAR®, DLC (DesignLight Consortium®) and CA Title 24 technical requirements
- IP66-rated thermally-enhanced case with silicone-based potting
- UL class P
- 5VA flammability rating
- 90°C maximum case hot spot temperature
- Class 2 power supply



CHINA Operations

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

www.erp-power.com

SaveEnergy@erp-power.com

USA Headquarters

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