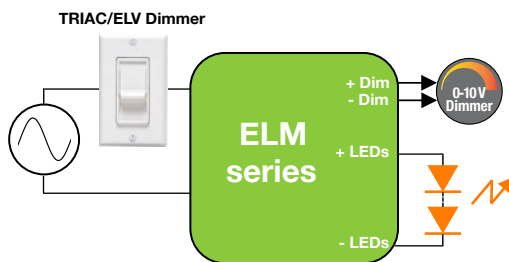


Constant-Current LED Drivers with Forward/Reverse-Phase and 0 - 10 V

Input Voltage	Max. Output Power	Output Voltage	Output Current	Efficiency	Max. Case Temperature	THD	Power Factor	Dimming Method	Dimming Range
120 & 277 Vac nominal	50 W	12 to 56 Vdc	350 mA to 1.75 A CC	up to 84% typical	90°C (measured at the hot spot)	< 20%	> 0.9	Forward-Phase, Reverse-Phase & 0 - 10V	10 - 100% (% of Iout)

CC: Constant Current



Metal Case
ELM030: L 109.9 x W 59.8 x H 25.4 mm
(L 4.33 x W 2.35 x H 1.0 in)
ELM040/050: L 127 x W 70 x H 28 mm
(L 5 x W 2.76 x H 1.1 in)

ERP Part Number	Nominal Input Voltage Range (Vac)	Iout (mA)	Max Output Power (W)	Output Voltage Range (Vdc)	
				Min	Max
ELM030: 12 to 34 W					
ELM030W-0350-42	120 & 277	350	14.7	24	42
ELM030W-0500-42	120 & 277	500	21	24	42
ELM030W-0550-41	120 & 277	550	22.6	24	41
ELM030W-0700-24	120 & 277	700	16.8	14	24
ELM030W-0700-36	120 & 277	700	25.2	22	36
ELM030W-0700-42	120 & 277	700	29.4	24	42
ELM030W-0900-38	120 & 277	900	34.2	24	38
ELM030W-1750-17.5	120 & 277	1750	30.6	12	17.5
ELM040: 33 to 40 W					
ELM040W-0700-48	120 & 277	700	33.6	24	48
ELM040W-1000-38	120 & 277	1000	38	24	38
ELM040W-1400-25	120 & 277	1400	35	12.5	25
ELM050: 41 to 53 W					
ELM050W-0750-56	120 & 277	750	42	28	56
ELM050W-1000-48	120 & 277	1000	48.0	24	48
ELM050W-1400-38	120 & 277	1400	53.2	24	38

FEATURES

- **NOT RECOMMENDED FOR NEW DESIGNS. FOR NEW DESIGNS, USE THE ESM SERIES.**
- Compatible with TRIAC (forward-phase or leading-edge) / ELV (reverse-phase or trailing-edge) and 0-10 V dimmers
- 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 at 120 Vac and Class A at 277 Vac
- Complies with ENERGY STAR® luminaire specification and DLC (DesignLight Consortium®) technical requirements
- IP20-rated case with silicone-based potting
- Lifetime: 50,000 hours min at 70°C case temperature
- 90°C maximum case hot spot temperature
- Class 2 power supply



APPLICATIONS

- Troffers
- Downlights
- Low Bay Lighting
- Commercial lighting
- Architectural lighting

