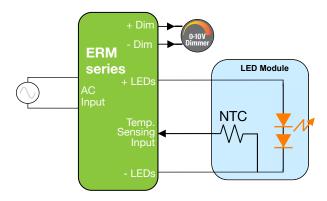


ERM050 40-50 W ERM060 51-70 W

ent LED Drivers with 0-10 V Dimming

Input Voltage	Max. Output Power	Output Voltage	Output Current	Efficiency	Max. Case Temperature	THD	Power Factor	Diming Method	Dimming Range
120 & 277 Vac nominal	70 W	21 to 82 Vdc	700 mA to 2.1 A CC	up to 90% typical	90°C (measured at hot spot)	< 20%	> 0.9	0-10 V	10 - 100% (% of lout)



Nominal Input Voltage	lout (mA)	Max Output Power	Output Voltage Range (Vdc)								
(Vac)		(W)	Min	Max							
ERM050: 40 to 50 W											
120 & 277	1050	44.1	32	42							
120 & 277	1200	50.4	32	42							
120 & 277	1800	50.4	21	28							
ERM060: 51 to 70 W											
120 & 277	700	57.4	62	82							
120 & 277	1400	58.8	32	42							
120 & 277	1600	67.2	32	42							
120 & 277	1750	70	30	40							
120 & 277	2100	58.8	21	28							
	Input Voltage (Vac) ERM050: 40 1 120 & 277 120 & 277 120 & 277 ERM060: 51 120 & 277 120 & 277 120 & 277 120 & 277	Input Voltage (Vac) Iout (mA) ERM050: 40 to 50 W 120 & 277 1050 120 & 277 1200 120 & 277 1800 ERM060: 51 to 70 W 120 & 277 1400 120 & 277 1600 120 & 277 1600 120 & 277 1750	Input Voltage (Vac) Iout (mA) Output Power (W) ERM050: 40 to 50 W 120 & 277 1050 44.1 120 & 277 1200 50.4 120 & 277 1800 50.4 120 & 277 1800 50.4 120 & 277 1800 50.4 120 & 277 1800 50.4 120 & 277 1400 58.8 120 & 277 1600 67.2 120 & 277 1750 70	Input Voltage (Vac) Iout (mA) Output Power (W) Volt Rage (W) ERM050: 40 to 50 W 50.4 32 120 & 277 1050 44.1 32 120 & 277 1200 50.4 32 120 & 277 1800 50.4 21 ERM060: 51 to 70 W 700 57.4 62 120 & 277 1400 58.8 32 120 & 277 1600 67.2 32 120 & 277 1750 70 30							

Notes: 1. Not class 2

APPLICATIONS

- High current COB LEDs
- High Bay Lights
- Troffers
- Outdoor LED Lighting
- Office LED Lighting
- Industrial LED Lighting

FEATURES

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- Very High power density in the market: 8.2 W/in³
- · Protections: output open load, over-current and short-circuit (hiccup), and over-temperature with auto recovery
- · Conducted and radiated EMI: FCC CFR Title 47 Part 15 compliant with Class B at 120 Vac and Class A at 277 Vac
- · Complies with ENERGY STAR® luminaire specification and DLC (DesignLight Consortium®) technical requirements
- · IP64-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





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www.erp-power.com

Metal Case

L 81.5 x W 56.2 x H 31.5 mm

(L 3.21 x W 2.21 x H 1.24 in)

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