



ERM050 40-50 W ERM060 51-70 W



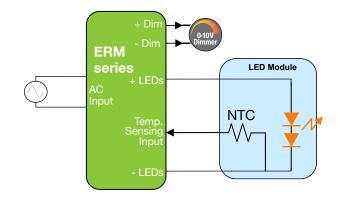
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ent LED Drivers

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) |

CC: Constant Current



| ERP Part Number | Nominal Input Voltage | lout (mA) | Max Output Power | Output Voltage Range (Vdc) | | | | | |
|---------------------|-----------------------------|--------------|------------------------|----------------------------------|-----|--|--|--|--|
| | (Vac) | | (W) | Min | Max | | | | |
| ERM050: 40 to 50 W | | | | | | | | | |
| ERM050W-1050-42 | 120 & 277 | 1050 | 44.1 | 32 | 42 | | | | |
| ERM050W-1200-42 | 120 & 277 | 1200 | 50.4 | 32 | 42 | | | | |
| ERM050W-1800-28 | 120 & 277 | 1800 | 50.4 | 21 | 28 | | | | |
| ERM060: 51 to 70 W | | | | | | | | | |
| ERM060W-0700-82 [1] | 120 & 277 | 700 | 57.4 | 62 | 82 | | | | |
| ERM060W-1400-42 | 120 & 277 | 1400 | 58.8 | 32 | 42 | | | | |
| ERM060W-1600-42 | 120 & 277 | 1600 | 67.2 | 32 | 42 | | | | |
| ERM060W-1750-40 | 120 & 277 | 1750 | 70 | 30 | 40 | | | | |
| ERM060W-2100-28 | 120 & 277 | 2100 | 58.8 | 21 | 28 | | | | |

Notes:

1. Not class 2



FEATURES

- 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



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









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