

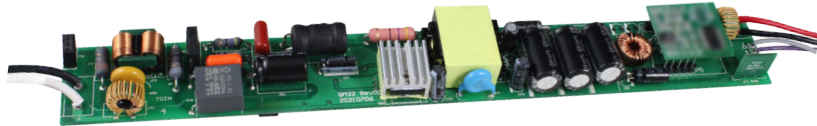
QM32 Series

Multi-Dimm™

High Power Constant Current LED Driver

PRODUCT FEATURE

- Linear design with 0.6" height (open frame)
- Low flickering - Less than 10% up to 120Hz
- 4 In 1 dimming - TRIAC / ELV / 0-10V / PWM
- Dimming percentage <1% typ. - All dimming methods
- CC or CV output with 4 in 1 dimming compatibility
- NFC wireless programming
 - 10mA resolution
 - Optional dimming curve - linear or progression
 - Optional dim-to-ON
- Transient Protection @ 2.5KV
- UL8750 supplement SF, Class 2; Class P and CE compliant
- Available in open frame & mylar wrap.



TECHNICAL SPECIFICATIONS:

INPUT RANGE	: 110 - 277VAC / 0.30 - 0.15A / 47 - 6 3Hz
DC OUTPUT RANGE	: Refer to Model selection table
EFFICIENCY	: 84% Typical
POWER FACTOR	: >0.98 at full load, 115VAC or 230VAC
OUTPUT CURRENT REGULATION	: ±5%
PROTECTION	: OCP, SCP, OVP - Auto recovery
SURGE RATING	: 2.5KVA
DIMMING	: Compatible with TRIAC / ELV / 0-10V / PWM (120Vac only with TRIAC)
DIMMING LEVEL	: 100% - 1% or less
LOW DIM ON/OFF	: User selectable
PWM DIMMING SIGNAL	: 500Hz - 100KHz Min. 10V amplitude
OPERATION TEMPERATURE	: -30°C - +50°C, Tc : TBD °C
STORAGE TEMPERATURE	: -40°C - +85°C
HUMIDITY	: 5% to 95%
VIBRATION FREQUENCY	: 5 to 50Hz
MTBF	: >100,000 Hours, Full load, 25°C Amb., MIL-217F
REGULATION COMPLIANCE	: UL8750 Supplement SF, Class P EN55015, EN61547
COOLING CONVECTION	: Convection
DIMENSION	: 9.25" x 1.18" x 0.625" (LxWxH) - 235 x 30 x 16mm

WARRANTY

- See [Limited Warranty Policy](#) for more additional information

RELATED PRODUCTS

- ↗ [QM40 Series](#)
- ↗ [QM50 Series](#)
- ↗ [QM70 Series](#)
- ↗ [QM100 Series](#)

MODEL SELECTION

MODEL	DC OUTPUT RANGE (Vf)	MAX. OUTPUT CURRENT (mA)	MAX. OUTPUT POWER (W)
QM32-U48-1150-zz iPOP Note 1	10 – 48 VDC	100 – 1050 Note 2	32
QM32-U24-zz	24 VDC	1330	32

Note 1 : "NE" = "blank" is for Open frame power supply without enclosure. PCB dimensions : 9.25" (L) x 1.18" (W) x 0.625" (H) – 235x30x16mm
 Note 2 : Output current is listed with highest number; NFC wireless programmable.

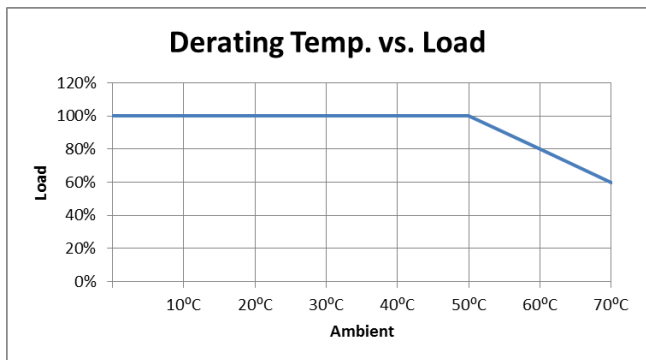
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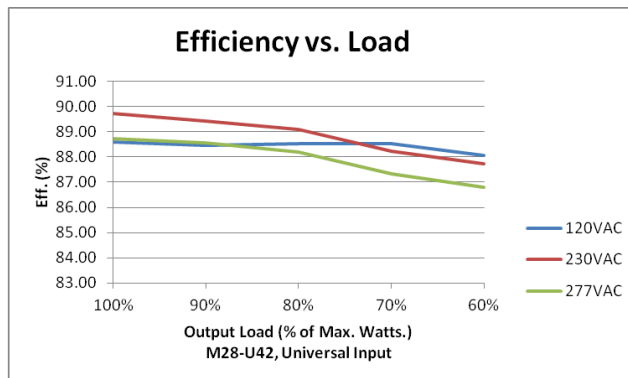
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Project Name:	
Type:	

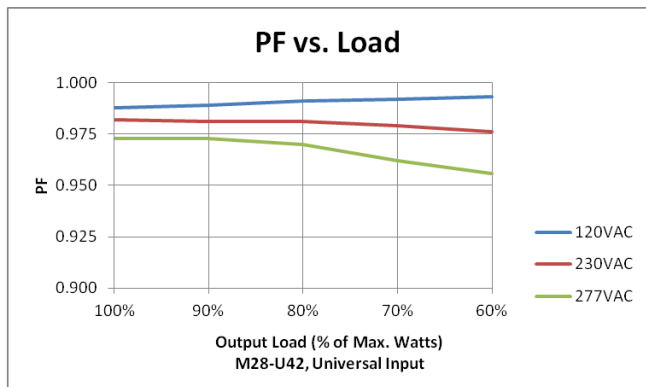
DE-RATING TEMP VS LOAD



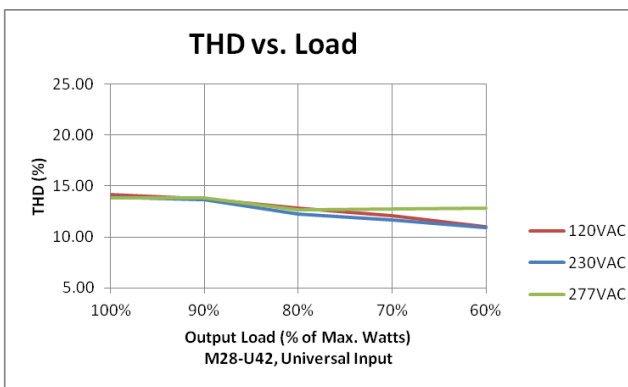
EFFICIENTCY VS LOAD



POWER FACTOR VS LOAD



THD VS LOAD



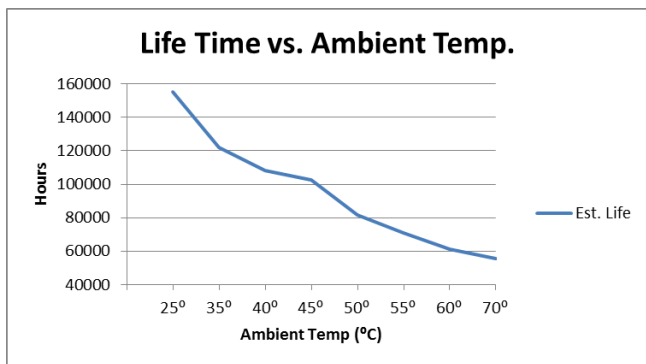
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LIFE TIME VS AMBIENT TEMP



DIMMING PERFORMANCES 0-10V

