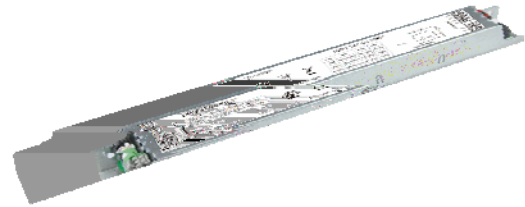


- < 2 kV
- 95%
-
-
-
-
- 10.9 Tc=70°C
- 2 kV, 4 kV
- Class I
- Zhaga 13
- 5



LMT-160SxxxSTF 160W IP20 LED 198-264 Vac

| | Ʒ(Ʒ) | | Ʒ(Ʒ) | | | Ʒ(Ʒ) | Ʒ(Ʒ) | |
|------------|-------------|-------|----------------------------|------------|------|-------|------|----------------|
| 340-700mA | 500-700mA | 340mA | 198~264 Vac 190~250 Vdc | 137-320Vdc | 160W | 95.0% | 0.98 | LMT-160S070STF |
| 500-1050mA | 700-1050mA | 500mA | 198~264 Vac 190~250 Vdc | 91-229Vdc | 160W | 94.5% | 0.98 | LMT-160S105STF |
| 850-1500mA | 1050-1500mA | 850mA | 198~264 Vac 190~250 Vdc | 64-153Vdc | 160W | 94.5% | 0.98 | LMT-160S150STF |

- 1 160W
- 2 220-240Vac
- 3 220Vac " "

| | | | | |
|------------------|---------|---|-----------------------|--------------------------------------|
| | | | | |
| | 198 Vac | - | 264 Vac | 190~250 Vdc |
| | 47 Hz | - | 63 Hz | |
| | - | - | 0.70 mA | IEC60598-1; 240Vac/60Hz |
| | - | - | 0.85 A | 100% 220Vac |
| I ² t | - | - | 2.85 A ² s | 220Vac 25 10%Ipk- 10%Ipk = 456 μs |
| | 0.90 | - | - | 220~ 240Vac, 50-60Hz, 70% ~ 100% |
| | - | - | 20% | (112-160W) |
| | - | - | 10% | 220~ 240Vac, 50-60Hz, 75% ~ 100% |
| | | | | (120-160W) |

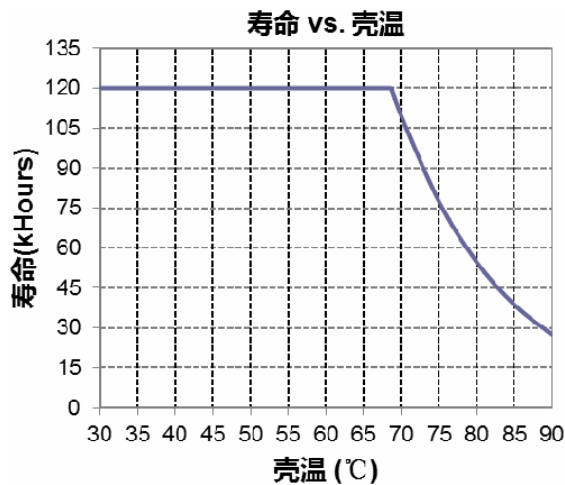
| | | | | |
|---|-----------------------------|-------------|------------------------------|---------------------|
| | | | | |
| | -5%loset | - | 5%loset | 100% |
| (loset) LMT-160S070STF LMT-160S105STF LMT-160S150STF | 340 mA 500 mA 850 mA | - - - | 700 mA 1050 mA 1500 mA | |
| LMT-160S070STF LMT-160S105STF LMT-160S150STF | 500 mA 700 mA 1050 mA | - - - | 700 mA 1050 mA 1500 mA | |
| (pk-pk) | - | 30%Iomax | 50%Iomax | 100% 20 MHz BW |
| < 200 Hz (pk-pk) | - | 2%Iomax | - | 100% |
| | - | - | 10%Iomax | 100% |
| | - | - | 400 V | |
| | - | - | 1% | 100% |
| | - | - | 5% | |
| | - | - | 0.5 s | 220-240Vac 70%-100% |
| | - | 0.06%/°C | - | = 0°C - Tc |

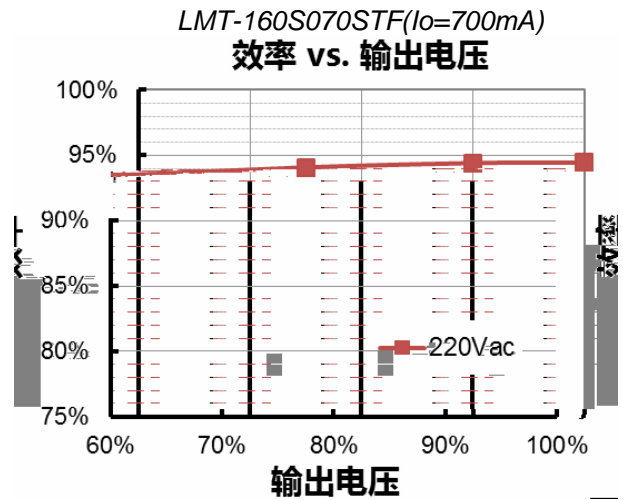
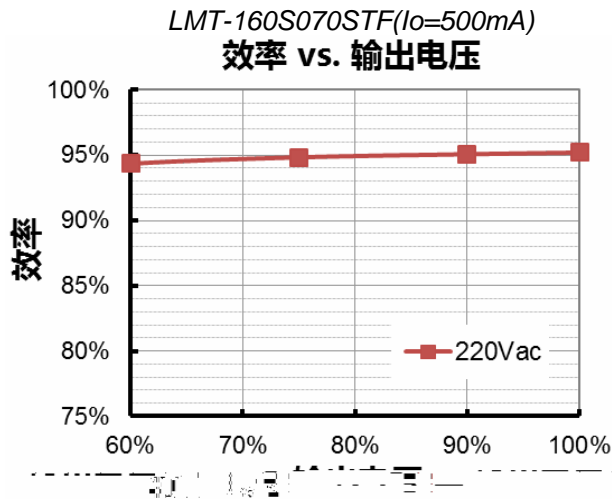
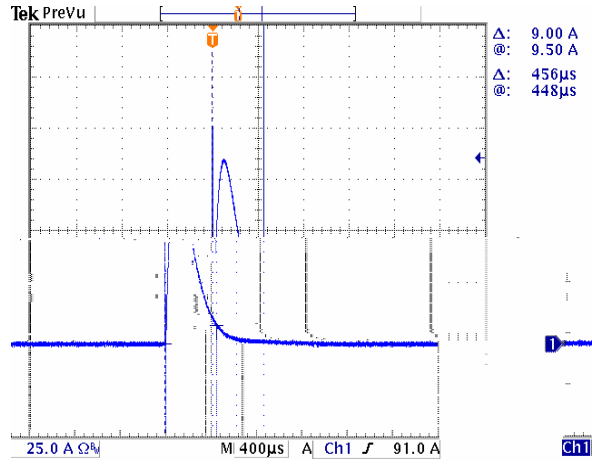
| | | | | | |
|--|--|--|----------------------------|-------------------------------|--|
| | | | | | |
| @220Vac: LMT-160S070STF Io= 500 mA Io= 700 mA LMT-160S105STF Io= 700 mA Io=1050 mA LMT-160S150STF Io=1050 mA Io=1500 mA | 93.0% 92.5% 92.5% 92.0% 92.5% 91.5% | 95.0% 94.5% 94.5% 94.0% 94.5% 93.5% | - - - - - - | 100% 25° 2% | |
| | - | 398,000 Hours | - | 220Vac 25 80% (MIL-HDBK-217F) | |
| | - | 109,000 Hours | - | 220Vac 80% 70 | |
| | -40°C | | +90°C | | |
| | -40°C | | +75°C | 5 : 10% RH to 90% RH; | |
| | -40°C | - | +85°C | : 5% RH to 95% RH; | |
| (L x W x H) (L x W x H) | 14.18 x 1.18 x 0.83 360 x 30 x 21 | | | | |
| | - | 295 g | - | | |

| | |
|----------------------------------|--|
| | |
| ENEC & CE | EN 61347-1, EN 61347-2-13 |
| CB | IEC 61347-1, IEC 61347-2-13 |
| CCC | GB 19510.1, GB 19510.14 |
| KS | KS C 7655 |
| | |
| ENEC | EN 62384 |
| <D @ | |
| EN 55015/GB 17743 ⁽¹⁾ | Conducted emission Test & Radiated emission Test |

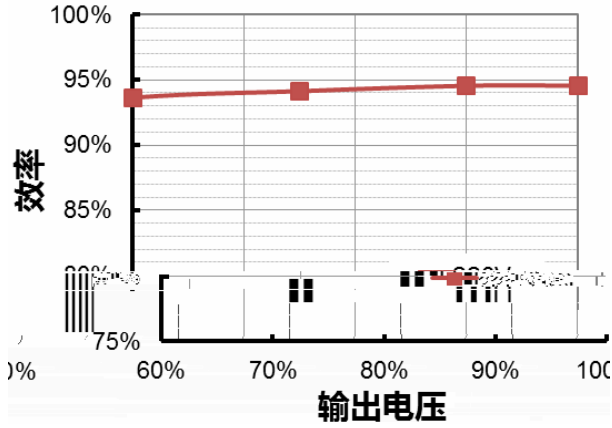
| | |
|-------------------------|---|
| <D @ | |
| EN 61000-3-2/GB 17625.1 | Harmonic current emissions |
| EN 61000-3-3 | Voltage fluctuations & flicker |
| <D J | |
| EN 61000-4-2 | Electrostatic Discharge (ESD): 8 kV air discharge, 4 kV contact discharge |
| EN 61000-4-3 | Radio-Frequency Electromagnetic Field Susceptibility Test-RS |
| EN 61000-4-4 | Electrical Fast Transient / Burst-EFT |
| EN 61000-4-5 | Surge Immunity Test: AC Power Line: Differential Mode 2 kV, Common Mode 4 kV ⁽²⁾ |
| EN 61000-4-6 | Conducted Radio Frequency Disturbances Test-CS |
| EN 61000-4-8 | Power Frequency Magnetic Field Test |
| EN 61000-4-11 | Voltage Dips |
| EN 61547 | Electromagnetic Immunity Requirements Applies To Lighting Equipment |

1 EMI () EMI
 2 CM-SRG
 (IEC 60598-1-10.2)

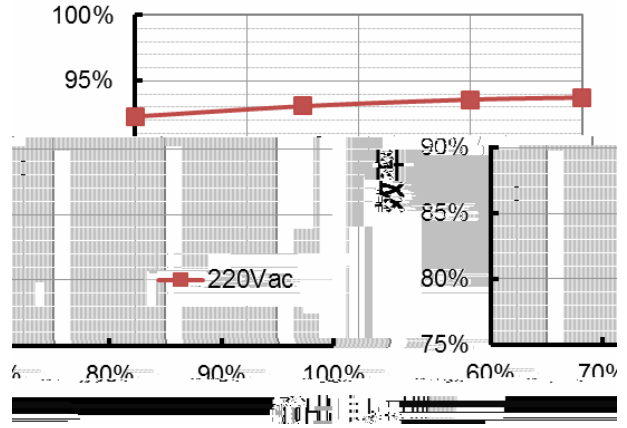




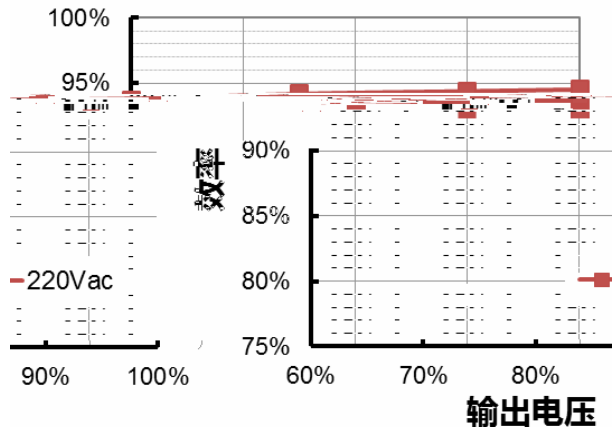
LMT-160S105STF($I_o=700mA$)
效率 vs. 输出电压



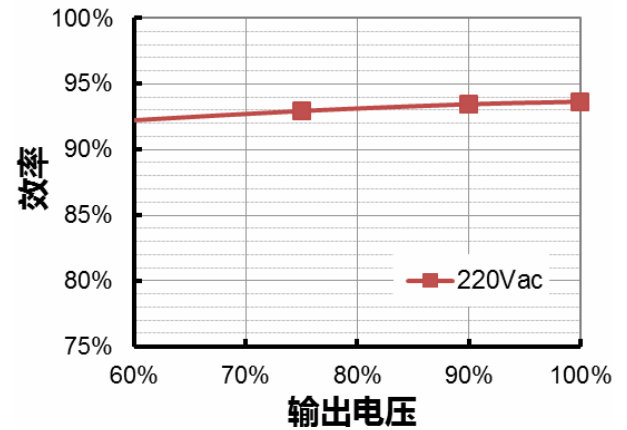
LMT-160S105STF($I_o=1050mA$)
效率 vs. 输出电压



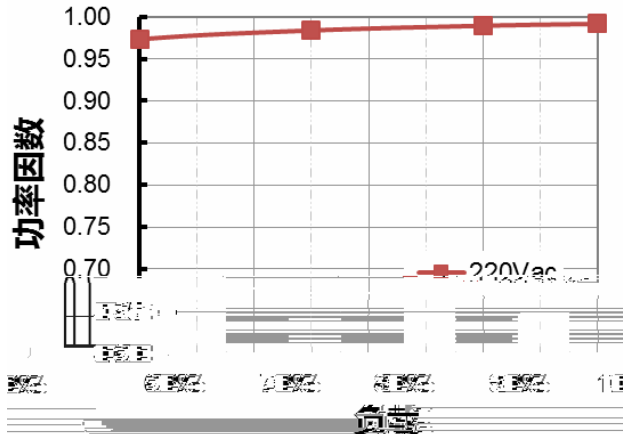
LMT-160S150STF($I_o=1050mA$)
效率 vs. 输出电压

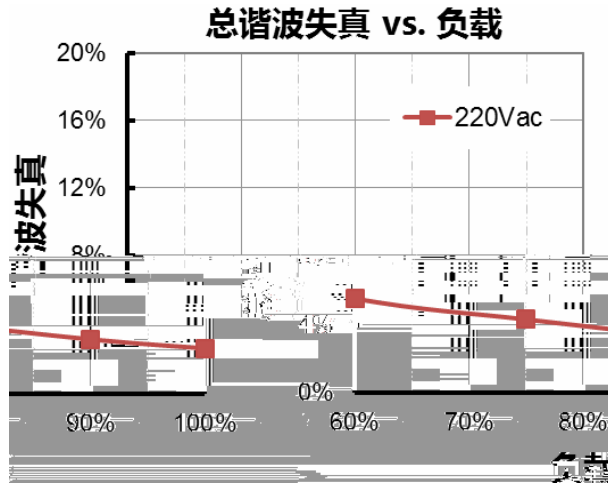


LMT-160S150STF($I_o=1500mA$)
效率 vs. 输出电压



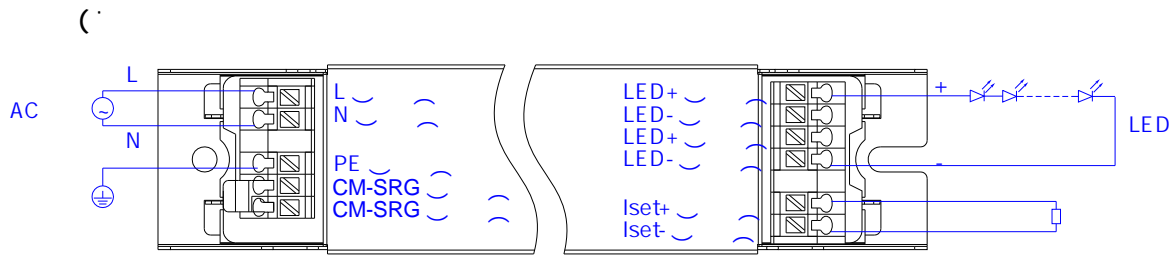
功率因数 vs. 负载





| | |
|--|--|
| | |
| | |
| | |
| | |

| L, N, | / | 0.5 mm ² | - | 1.5 mm ² | 45° |
|--|---|---------------------|---|---------------------|-----|
| | | 20 AWG | - | 16 AWG | |
| | | 8 mm | - | 9 mm | |
| LED+, LED-, LED+, LED-, Iset+, Iset- CM-SRG CM-SRG | / | 0.5 mm ² | - | 1.5 mm ² | 45° |
| | | 20 AWG | - | 16 AWG | |
| | | 8 mm | - | 9 mm | |



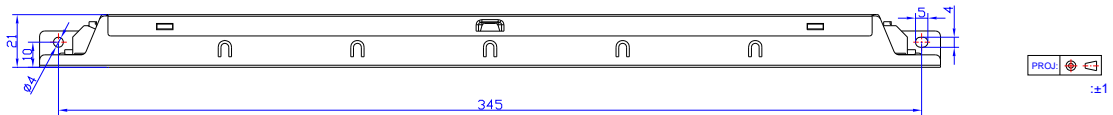
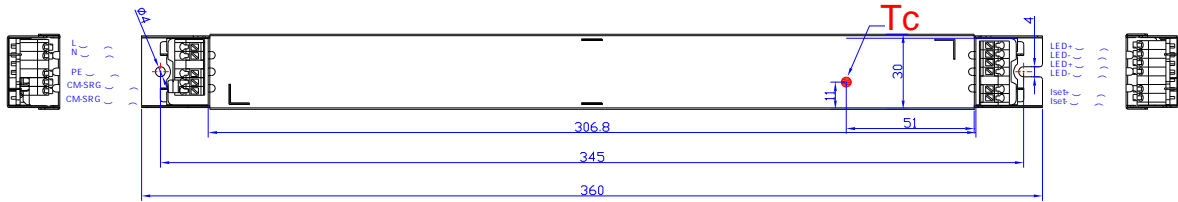
● LMT-160S105STF

| žq \ kž | žq j \ kž | | | |
|---------|-----------|------|------|---|
| | | | | / |
| 4.76 k | 1050mA | 91V | 153V | |
| 5.00 k | 1000mA | 91V | 160V | |
| 5.26 k | 950mA | 91V | 169V | |
| 5.56 k | 900mA | 91V | 178V | |
| 5.88 k | 850mA | 95V | 189V | |
| 6.25 k | 800mA | 100V | 200V | |
| 6.67 k | 750mA | 107V | 214V | |
| 7.14 k | 700mA | 115V | 229V | |
| 7.69 k | 650mA | 123V | 229V | |
| 8.33 k | 600mA | 134V | 229V | |
| 9.09 k | 550mA | 146V | 229V | |
| 10.00 k | 500mA | 160V | 229V | |

● LMT-160S150STF

| žq \ kž | žq j \ kž | | | |
|---------|-----------|-----|------|---|
| | | | | / |
| 3.33 k | 1500mA | 64V | 107V | |
| 3.45 k | 1450mA | 64V | 110V | |
| 3.57 k | 1400mA | 64V | 114V | |
| 3.70 k | 1350mA | 64V | 119V | |
| 3.85 k | 1300mA | 64V | 123V | |
| 4.00 k | 1250mA | 64V | 128V | |
| 4.17 k | 1200mA | 67V | 133V | |
| 4.35 k | 1150mA | 70V | 139V | |
| 4.55 k | 1100mA | 73V | 146V | |
| 4.76 k | 1050mA | 77V | 153V | |
| 5.00 k | 1000mA | 80V | 153V | |
| 5.26 k | 950mA | 84V | 153V | |
| 5.56 k | 900mA | 89V | 153V | |
| 5.88 k | 850mA | 94V | 153V | |

- 1.
2. Iset



I f?j

RoHS 2011/65/EU

EU 2015/863

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|------------|---|---|---|--|
| | | | | |
| 2020-01-09 | A | / | / | |