

User's Manual

PM FBT T5001

Application and performance specification
Electronic ballast for T5 14Wx1, 21Wx1,
24Wx1, 39Wx1, 54Wx1, 80Wx1

Description

Active power factor correction. $PF \geq 0.99$

Low harmonic distortion . $THD \leq 10\%$

Low lamp current crest factor. $CF \leq 1.6$

Warn (Rapid) start.

Long Life

De-active lamp protection

| Model | Line Volts | Lamp type | Input watts | Normal Line amps | Power factor | Total Harmonic distortion | Crest factor |
|-------------|---------------|--------------|----------------|---------------------|-----------------|---------------------------------|-----------------|
| PMFBTT514x1 | 120V/60Hz | T5 14W | 19W | 0.16A | >0.99 | <10% | <1.6 |
| PMFBTT521x1 | 120V/60Hz | T5 21W | 29W | 0.24A | >0.99 | <10% | <1.6 |
| PMFBTT524x1 | 120V/60Hz | T5 24W | 29W | 0.24A | >0.99 | <10% | <1.6 |
| PMFBTT539x1 | 120V/60Hz | T5 39W | 53W | 0.44A | >0.99 | <10% | <1.6 |
| PMFBTT554x1 | 120V/60Hz | T5 54W | 62W | 0.53A | >0.99 | <10% | <1.6 |
| PMFBTT580x1 | 120V/60Hz | T5 80W | 96W | 0.82A | >0.99 | <10% | <1.6 |

Performance

Meets FCC Part 18 (Class A) For EMI

Non-consumer limits

Application:

Minimum starting temperature -18°C

Maximum ambient temperature 40°C

Maximum case temperature 75°C

Safety

UL listed

Physical parameters

Mounting length 351mm
(center to center)

Overall length 362mm

Width 30mm

Height 26mm

This light device has been tested and found to comply with the limits for Consumer RF Lighting Device, pursuant to Part 18 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

1. Use only on 120 volt, 60 hertz.
2. Never disassemble or modify - any changes could void the user's authority to operate this device.
3. Not for use in totally enclosed fixtures.
4. Risk of electric shock - do not use where directly exposed to water.
5. This device is not intended for use with emergency exit fixtures or emergency exit lights.
6. This product could produce interference when used near a TV, radio, wireless remote control or maritime safety communications equipment operating between 0.45-30 MHz. If interference should occur, move the lamp away from the appliance a distance into a different outlet.
7. To prevent burns, do not touch the bulb during operation or immediately after switching off.
8. Not for use with dimmers, electronic timer or photocell devices or occupancy sensor.
9. This device is intended to be professionally installed for Industrial use or Commercial use.

Warranty

Universal lighting technologies warrants to the purchaser that each electronics ballast will be marched with the lamp (T5 14Wx1, 21Wx1, 24Wx1, 39Wx1, 54Wx1, 80Wx1) and free from defects in material or workmanship for a period of 5 years from date of manufacture when properly installed and under normal condition of use.