

TruFit, self-ballasted, LED lamps are a direct replacement for conventional High Intensity Discharge bulbs. TruFit lamps provide higher efficiency, longer life and a lower total cost of ownership compared to HID bulbs. The Lamps turn on instantly and demand up to 80% less power.

Benefits

- USA designed and built
- UL recognized, E480881
- Reduced maintenance
- Low capital and lifetime usage cost
- Easy & quick to install
- Surge protected
- CO₂ abatement
- Low risk implementation
- Upgradable
- Optional light patterns



| Output Conditions | Description |
|-----------------------------|---|
| Light Output | 7700 Lumens |
| Color Rendering Index (CRI) | 70 CRI |
| Color Temperature | 5000 Nominal |
| On/Off | No delay or flicker |
| Standby Power Dissipation | 0 Watts |
| Current Regulation | < 2% over the input voltage range |
| Load Regulation | < 2% over the input voltage range |
| Voltage Ripple | < 5% at 60W |
| Current Ripple | < 5% at 60W |
| Output Current to the LEDs | 0.5A, constant current across voltage range |

| Input Conditions | Description |
|------------------|--|
| Input Voltage | 120-277 VAC |
| Frequency | 47-63 Hz |
| Input Protection | Fused, 5A, Slo-Blo |
| Power Factor | 0.99at optimal voltage, > 0.91 over the entire input voltage range |
| Inrush Current | 3A with soft start |

| Environmental & Compliance | Description |
|----------------------------|--|
| Weight | 2.0 lbs. (0.80 kg) |
| Noise | Class A sound rating: ≤ 24dB |
| Thermal Management | Fully functional in a fully sealed enclosure |
| Reliability | 50,000 hours expected life |
| Eco-Friendly | Contains < 0.2 mg/L of mercury, meeting EPA |
| Photometric Footprint | Circular |

| Options | Description |
|-----------------------|--|
| Base Adaptors | B22, E26 / E27 |
| Photometric Footprint | Pattern type per customer requirements |

Lighting Applications

- Replaces up to 250W HPS, Metal Halide, or Mercury Vapor Mogul Bulbs.
- Streets and Roadways
- Parks and Parking lots
- Cobra heads, Shoe Boxes & Wall Packs

Features

- Base: Mogul E39/E40 Std.
- 10% THD at 277V
- Meets EN61000-3-2
- Converter efficiency > 90%
- Surge Protected to 6KV
- Five year limited warranty
- Burn Position: Horizontal +/- 30 Degrees, only in enclosed fixtures
- Beam angle 120°

Available Wattages

- 55 Watt
- 80 Watt

Dimensions

- 3.5" (89mm)
- 10" (280mm)