



Retrofit Kit

LED replacement for HID lighting

Features

- Lasts 20x longer than HID
- Multi-application: shoeboxes, streetlights, floodlights, wall packs, high bays, and canopies
- Vertical or horizontal installation
- 120 degree coverage
- High Power Factor
- cUL certified
- DLC (80W/100W/120W)
- Comprehensive five-year warranty
- Field adaptable from E26/27 to E39/E40
- Tested per IESNA LM-79-2008 and IESNA LM-80

Leapfrog Lighting's DLC certified retrofit kit lamp provides industry-leading light quality, output power, and efficacy as a result of our high-efficiency, high-reliability LED source and driver electronics.

LIGHT QUALITY

Evenly distributed, directional light

PERFORMANCE

Dimmable, high efficacy (lm/W), single light source

APPLICATIONS

Indoor and unexposed outdoor HID replacement lighting

COLOR

Ultra-consistent color temperature control critical to multi-lamp applications

LIFE EXPECTANCY

50,000 hours

SPECIFICATIONS

| CCT ¹ | CRI ² | BEAM | LM | W | LM/W | PART | GENERAL | |
|------------------|------------------|------|-------|-----|------|-----------------|----------------------------|---------------|
| 4100K | 71 | 120° | 6180 | 60 | 103 | 1005-SR60-4001 | Min. lifetime ³ | 50,000 hours |
| 5000K | 71 | 120° | 6250 | 60 | 104 | 1005-SR60-5001 | Base type | E26/27 E39/40 |
| 4100K | 71 | 120° | 8380 | 80 | 105 | 1005-SR80-4001 | Weight (main) | 1.0 kg |
| 5000K | 71 | 120° | 8400 | 80 | 105 | 1005-SR80-5001 | Weight (power supply) | 1.0 kg |
| 4100K | 71 | 120° | 10600 | 100 | 106 | 1005-SR100-4001 | | |
| 5000K | 71 | 120° | 10750 | 100 | 107 | 1005-SR100-5001 | | |
| 4100K | 71 | 120° | 11200 | 120 | 93 | 1005-SR120-4001 | | |
| 5000K | 71 | 120° | 11500 | 120 | 96 | 1005-SR120-5001 | | |
| ELECTRICAL | | | | | | | Voltage, nominal | 100-277 VAC |
| | | | | | | | Power factor | > 0.90 |
| | | | | | | | Waterproof rating | IP65 |
| OPTICAL | | | | | | | Duv ⁵ | < 0.006 |

1. Tolerances as per ANSI C78.377-2008 Nominal CCT categories
 2. CRI refers to the "General CRI" described as Ra in CIE 13.3
 3. Lifetime as defined by IESNA LM-80
 4. Compatible with ANSI C78.21-2011 dimensional requirements
 5. Duv values and tolerances as per ANSI C78.377-2008 Nominal CCT, Table 1, page 8



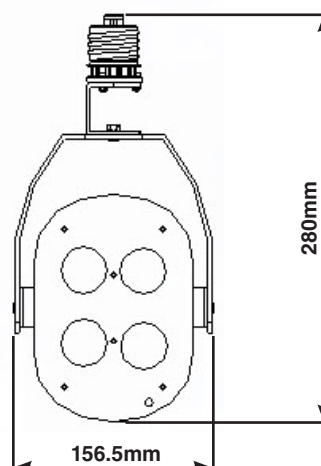
Contact

Head Office
 400 March Road
 Ottawa ON Canada
 K2K 3H4
 (613) 270-7879

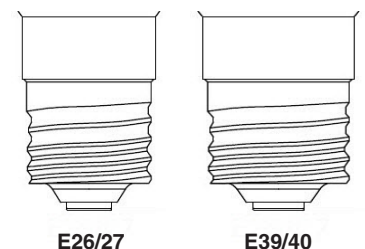
North America (toll free):
 1-800-396-9109

sales@leapfroglighting.com
 www.leapfroglighting.com

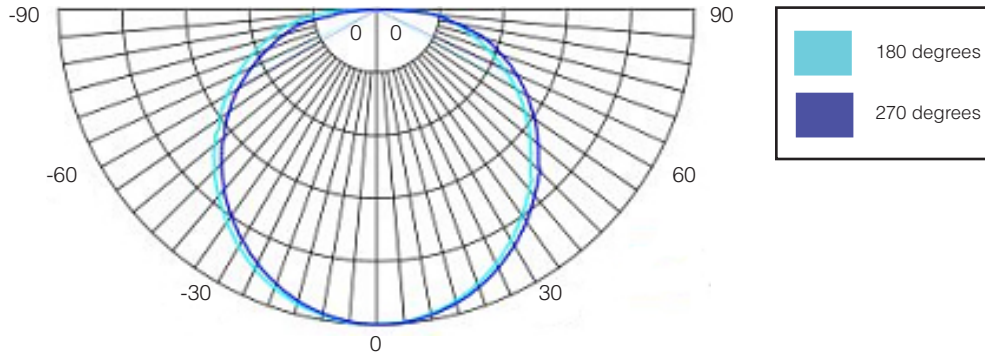
DIMENSIONS



BASE TYPE

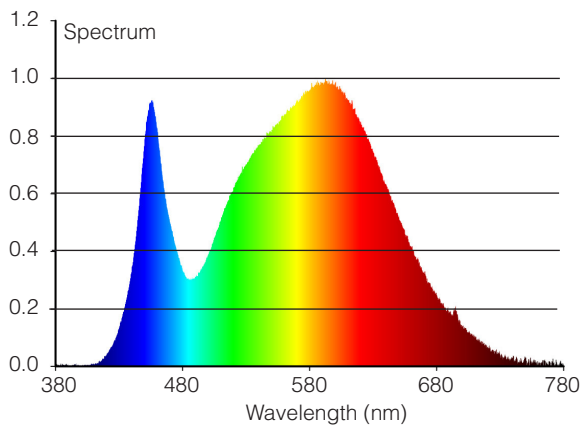


POLAR INTENSITY DIAGRAMS

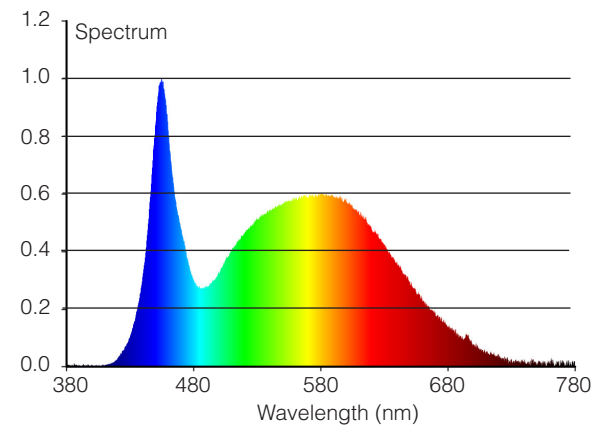


SPECTRAL POWER DISTRIBUTION

4100K

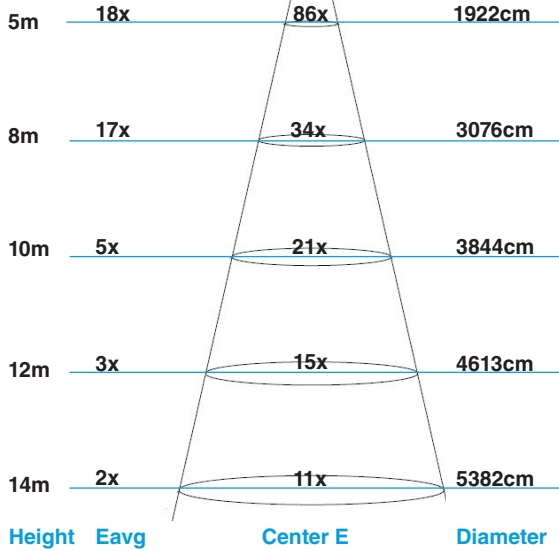


5000K

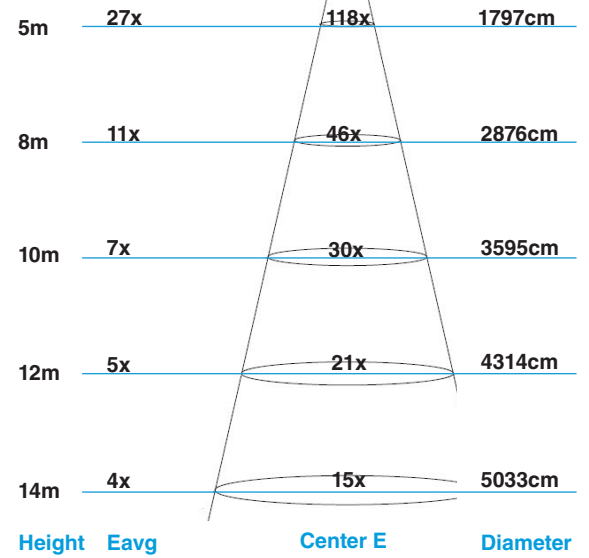


BEAM ANGLES

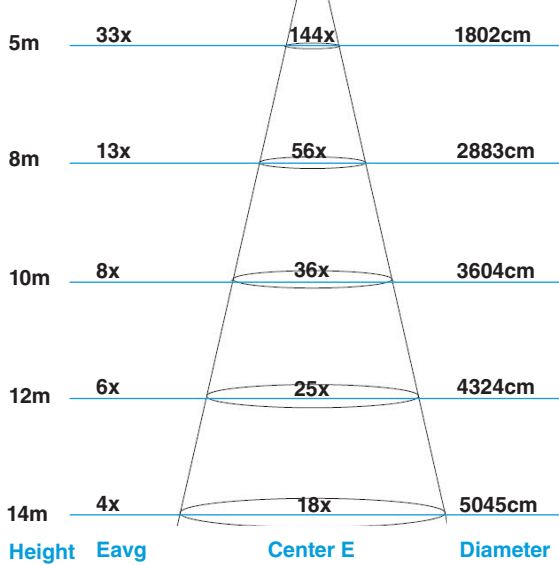
60 Watt



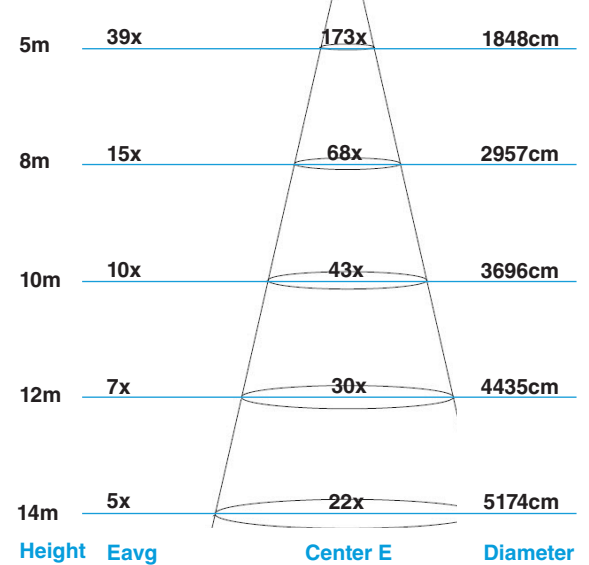
80 Watt



100 Watt



120 Watt



WARRANTY

If the lamp fails to meet our specifications during the first 60 months, we'll replace it.

For additional warranty information, please refer to <http://www.leapfroglighting.com/resources/>.

APPLICATION NOTES

Not for use in exposed outdoor down-lighting applications

Ambient temperature within -20 to +45 °C

SAFETY NOTES

Warning: Risk of electric shock

Do not disassemble (no user serviceable parts)

Turn off power before inspection, installation or removal.

