

## LED RETROFIT LAMPS

CODE: 90176-54 [54W, 7000 LUMENS, 5K]

CODE: 90176-75 [75W, 9700 LUMENS, 5K]

CODE: 90176-115 [115W, 14900 LUMENS, 5K]

### Product Description

LED Retrofit lamp is designed to retrofit traditional MH or HPS light bulbs with a E39 Mogul base, which will fit well to traditional street light housing, flood light, wall pack or other outdoor housings. with 130lm/W efficiency, and hanging wires to help it not fall off the fixture, also there is heat dissipation holes around the base, make it always low temperature while working. ideal for replacing 60-400W traditional bulbs.



### Applications

Retrofit replacement for outdoor fixture MH bulbs or HPS bulb.

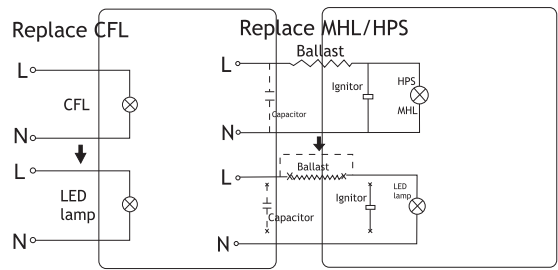
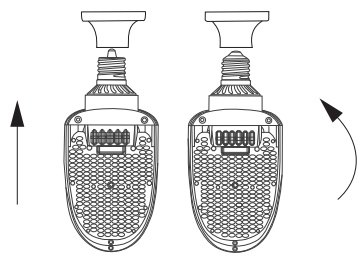


### Electric Characteristic

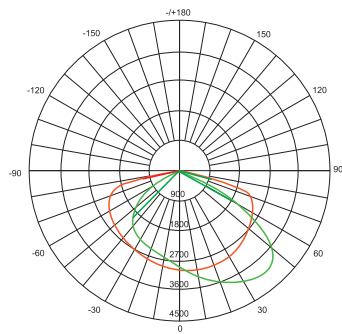
| Specification/Model  |                    |                | 90176-54        |
|----------------------|--------------------|----------------|-----------------|
| LED Chips            |                    | PHILIPS3030    |                 |
| Input power          | 27W                | 36W            | 54W             |
| Lumens output        | 3510LM             | 4680LM         | 7020LM          |
| Efficiency           | 130LM/W            | 130LM/W        | 130LM/W         |
| CRI                  | >80RA              |                |                 |
| Base                 | E26/E39/EX39       |                |                 |
| Color Temperature    | 5000K              |                |                 |
| Input voltage        | 100-277V UL Driver |                |                 |
| Light beam angle     | 180D               |                |                 |
| Working temperature  | -30-60°C           |                |                 |
| Junction temperature | < 75°C             |                |                 |
| lamps efficiency     | ≥90%               |                |                 |
| Certificate          | UL, CUL DLC        |                |                 |
| Equivalent           | 60-100W MH/HPS     | 80-150W MH/HPS | 120-175W MH/HPS |

| Specification/Model  | 90176-75           |                 | 90176-115       |
|----------------------|--------------------|-----------------|-----------------|
| LED Chips            | PHILIPS3030        |                 |                 |
| Input power          | 75W                | 95W             | 115W            |
| Lumens output        | 9750LM             | 12350LM         | 14950LM         |
| Efficiency           | 130LM/W            | 130LM/W         | 130LM/W         |
| CRI                  | > 80RA             |                 |                 |
| Base                 | E39/EX39           |                 |                 |
| Color Temperature    | 5000K              |                 |                 |
| Input voltage        | 100-277V UL Driver |                 |                 |
| Light beam angle     | 180D               |                 |                 |
| Working temperature  | -30-60°C           |                 |                 |
| Junction temperature | <75 °C             |                 |                 |
| lamps efficiency     | ≥90%               |                 |                 |
| Certificate          | UL, CUL, DLC       |                 |                 |
| Equivalent           | 150-250W MH/HPS    | 200-300W MH/HPS | 300-400W MH/HPS |

### Connector options



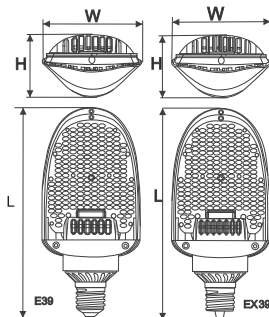
### Photometrics



### Projected LED Lumen Maintenance

| Operating hours          | 0 | 25000 | 50000 |
|--------------------------|---|-------|-------|
| Lumen maintenance factor | 1 | 0.91  | 0.8   |

Data references the extrapolated performance projections for the Retrofit lamp LED platform in a 25°C ambient, based on 10,000 hours of LED testing (tested per IESNA LM-80-08 and projected per IESNA TM-21-11)



| Power<br>Base | 27W        | 36W        | 54W        | 54W2       | 75W        | 95W        | 115W       |
|---------------|------------|------------|------------|------------|------------|------------|------------|
| E26           | 233*113*80 | 233*113*80 | 287*138*80 | 233*113*80 |            |            |            |
| E39           | 243*113*80 | 243*113*80 | 297*138*80 | 243*113*80 | 297*138*80 | 297*138*80 | 297*138*80 |
| EX39          | 245*113*80 | 245*113*80 | 300*138*80 | 245*113*80 | 300*138*80 | 300*138*80 | 300*138*80 |

### After-sale Service

The product refers to electric knowledge. Please don't disassemble it by yourself. If any quality problem happens, please contact the factory for warranty details.

NOTE: Actual performance may differ as a result of end-user environment and application, all values are without notice