

Outdoor Lighting Acorn Series



Acorn Series post-top luminaires are offered in LED and HPS technology, and in assorted configurations:

- Glass globe only
- Glass globe with ribs and band
- Glass globe with full cover, ribs and band

These luminaires are designed for roadways, walkways and parking lots in residential, municipal, and commercial developments.

Lighting Applications

- Residential and urban boulevards
- City streets
- Parking lots
- Campuses
- Commercial developments
- Plazas
- Historic districts
- Village squares
- Parks
- Walkways and roadways

Product Information

| Luminaire Housing Color | Wattage | Light Source | Correlated Color Temperature (CCT) ¹ | Initial Delivered Lumens ² | Pole Height Options |
|-------------------------|---------|--------------|---|---------------------------------------|---------------------|
| Black | 39 | LED | 4,000 | 5,246 | 11.5' to 14.5' |
| Black | 60 | LED | 4,000 | 7,438 | 11.5' to 14.5' |

Questions?

Our lighting professionals are available to answer your questions, and to provide a FREE, no-obligation estimate.

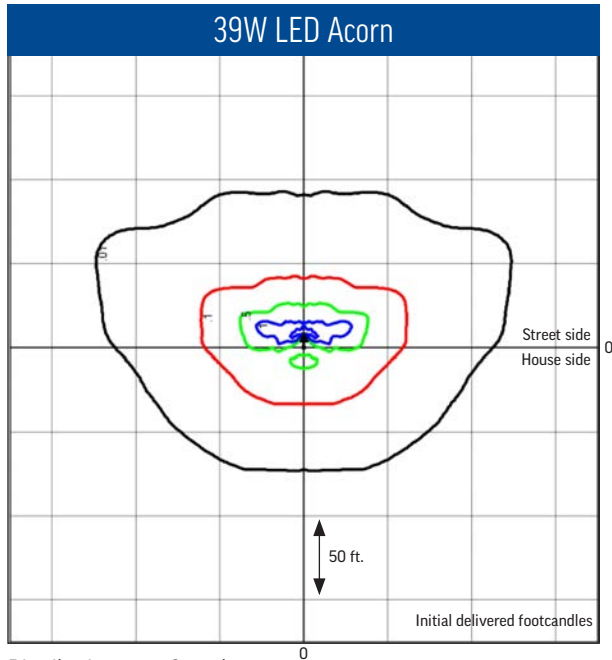
Visit dteenergy.com/lighting to get started today.

1. The correlated color temperature of a light source is measured on the Kelvin (K) scale. Color temperatures of light sources may range in appearance between warm white (1,800K - 3,000K), cool white (3,100K - 4,500K) and daylight (4,600K - 6,500K).
2. Measurements taken from luminaire with clear glass globe option only (no other accessories or attachments used during testing).

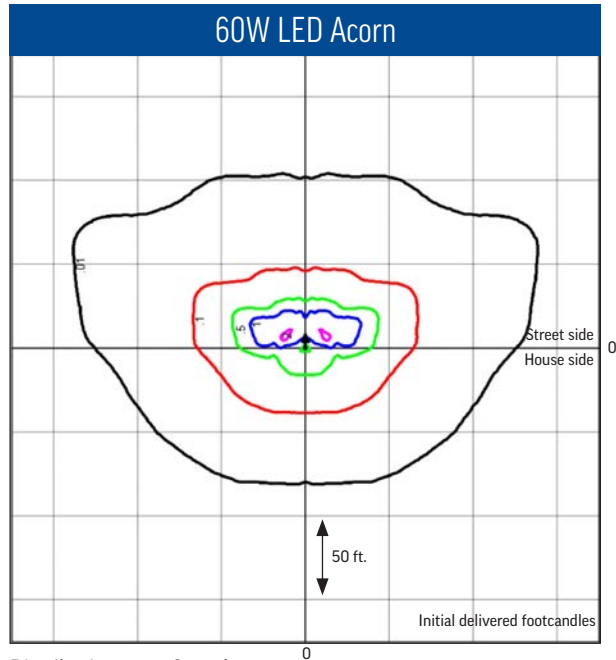


Lighting Distribution

Initial delivered luminance levels are shown at ground level and are measured in footcandles (fc). A footcandle is a unit of measure for luminance equal to a uniformly distributed flux of one lumen incident upon one square foot of surface area. Initial delivered footcandle distribution may depreciate over time.



Distribution: type 3 roadway
Initial delivered lumens: 5,246
Luminaire mounting height: 13.5 feet



Distribution: type 3 roadway
Initial delivered lumens: 7,438
Luminaire mounting height: 13.5 feet

Legend for Luminaire Lighting Distribution

| fc | Contour Color |
|------|---------------|
| 2 | Black |
| 1 | Red |
| 0.5 | Green |
| 0.1 | Blue |
| 0.01 | White |

Typical Lighting Levels for Natural Outdoor Conditions

| Lighting Condition | fc |
|--------------------|---------|
| Sunlight | 10,000 |
| Full Daylight | 1,000 |
| Overcast Day | 100 |
| Very Dark Day | 10 |
| Twilight | 1 |
| Deep Twilight | 0.1 |
| Full Moon | 0.01 |
| Quarter Moon | 0.001 |
| Starlight | 0.0001 |
| Overcast Night | 0.00001 |