

# 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) <sup>1</sup>	Initial Delivered Lumens <sup>2</sup>	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'
Black	100	HPS	2,100	9,277	11.5' to 14.5'

## Questions?

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

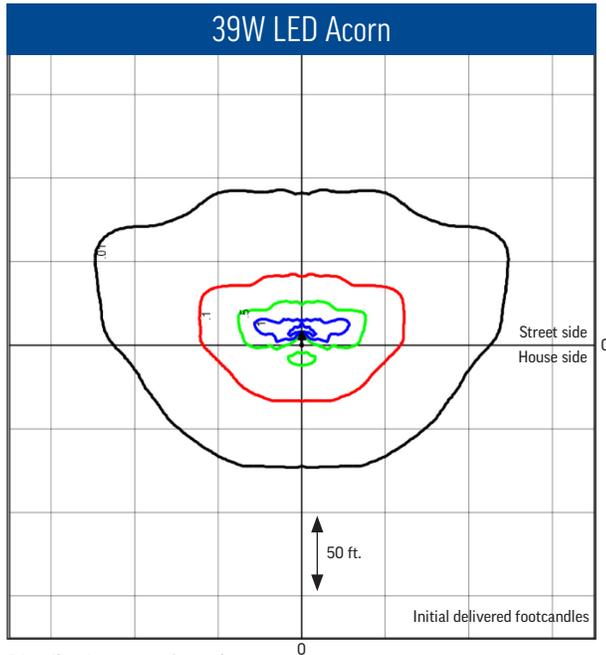
Visit [dteenergy.com/lighting](http://dteenergy.com/lighting) to get started today.

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).

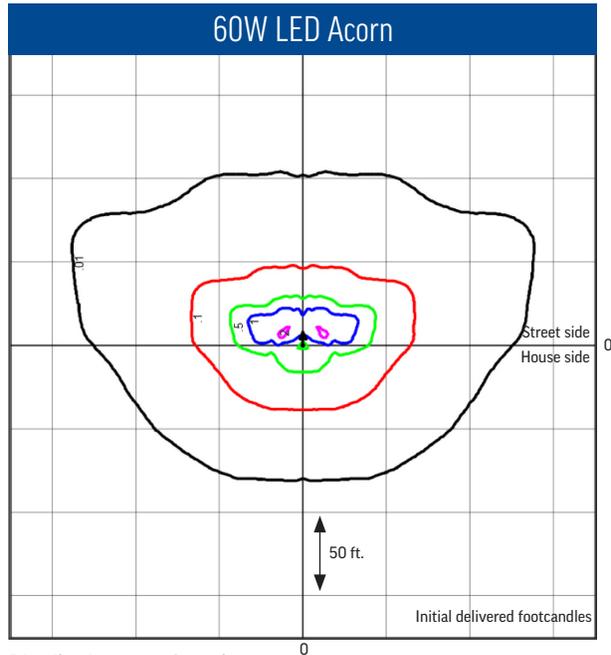


## Lighting Distribution

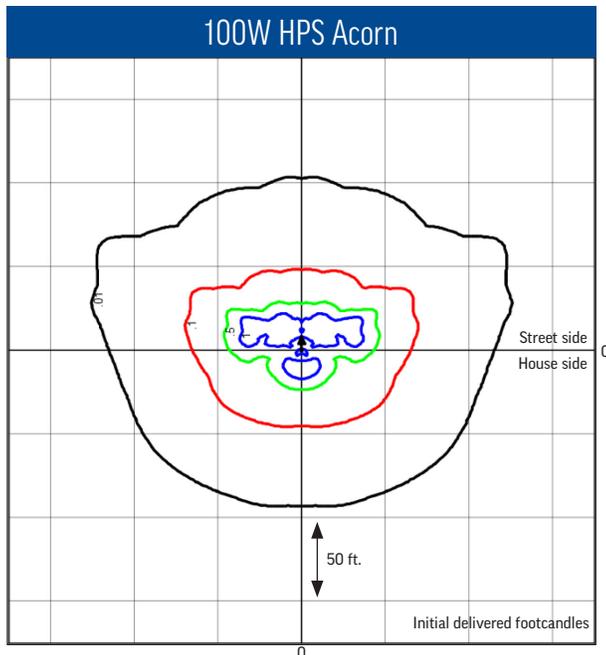
Initial delivered luminance levels are shown at ground level and are measured in footcandles (fc). A footcandle is a unit of measure for luminance equal to a uniformly distributed flux of one lumen incident upon one square foot of surface area. Initial delivered footcandle distribution may depreciate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



Distribution: type 3 roadway  
Initial delivered lumens: 9,277  
Luminaire mounting height: 13.5 feet

### Legend for Luminaire Lighting Distribution

fc	Contour Color
2	Purple
1	Blue
0.5	Green
0.1	Red
0.01	Black

### 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