

Outdoor Lighting LED Roadway Series



LED Roadway Series luminaires are offered in three high-lumen performance packages designed to deliver energy-efficient outdoor lighting with optimal coverage for all roadway classifications.

These luminaires are designed for residential, municipal, county and state thoroughfares.

Lighting Applications

- Local, collector and major roadways
- Intersections and roundabouts
- Commercial and industrial developments
- Parks and recreational areas
- Rural residences and barnyards
- Campuses
- Walkways
- Alleys
- Parking lots

Product Information

Luminaire Housing Color	Wattage	Light Source	Correlated Color Temperature (CCT) ¹	Initial Delivered Lumens ²	Typical Mounting Heights
Black or gray	58	LED	4,000	7,334	30'
Black or gray	136	LED	4,000	17,400	30'
Black or gray	238	LED	4,000	29,185	30' or 40'

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 (3100K - 4500K) and daylight (4,600K - 6,500K).

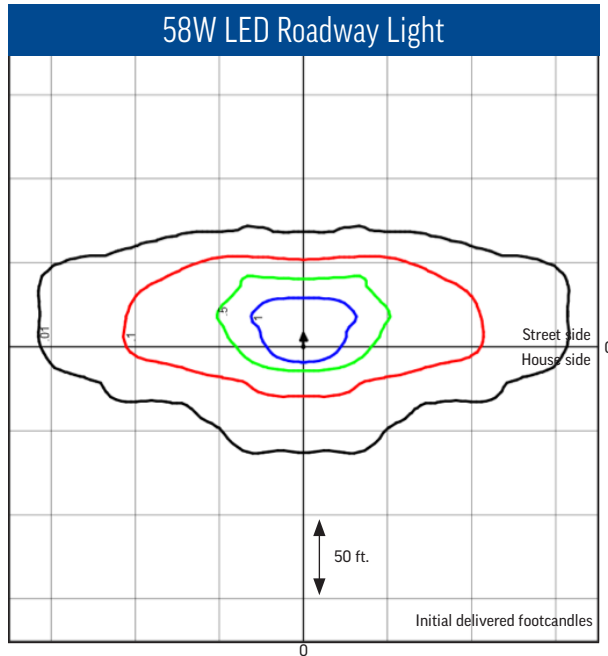
2. Measurements taken from luminaire with standard option only (no other accessories or attachments used during testing).



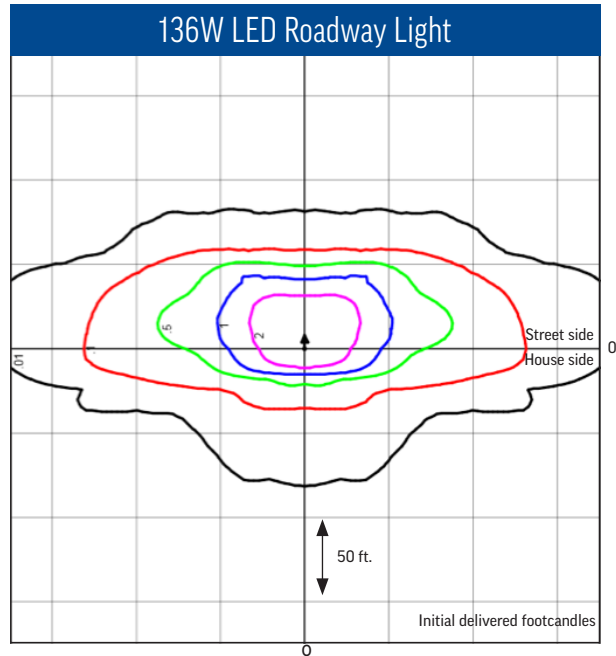
LED Roadway Series

Lighting Distribution

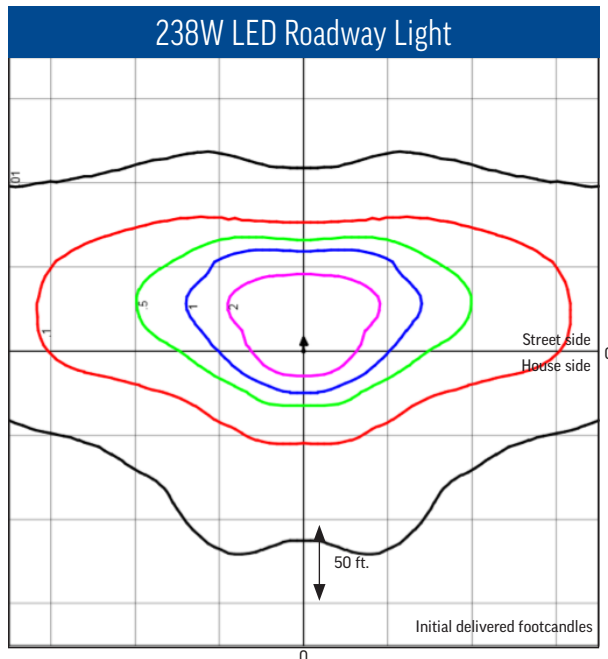
Initial delivered luminance levels are shown at ground level and are measured in footcandles (fc). A footcandle is a unit of measure for luminance equal to a uniformly distributed flux of one lumen incident upon one square foot of surface area. Initial delivered footcandle distribution may depreciate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



Distribution: type 2 roadway
Initial delivered lumens: 7,334
Luminaire mounting height: 30 feet



Distribution: type 2 roadway
Initial delivered lumens: 17,400
Luminaire mounting height: 30 feet



Distribution: type 2 roadway
Initial delivered lumens: 29,185
Luminaire mounting height: 40 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

