

Symbol	Label	Quantity	Description	Lumens Per Lamp	Light Loss Factor
	A	49	LED 50w Roadway - Type III - 3000K - Street	5312	0.85
	B	5	LED 50w Roadway - Type III - 3000K - Parking	5312	0.85

### Outdoor Lighting



**MICRO LED ROADWAY**  
0.6m, 2.5m, 3.5m

**LED** (Light emitting diode) 50 watts  
**Mounting height** 20', 25', 35'  
**Color** Grey / Black  
**Pole** Fiberglass / Metal / Wood  
**Applications** Neighborhoods / Parks / Streets

**Light source:** LED (Aah/a)  
**Wattage:** 50 watts, 70 watts  
**Lumens:** 5,232 - 8,370  
**Light pattern:**IESNA Type II, III, V  
**IESNA cutoff classification:** Full cutoff  
**BUG rating:** Type III = IESUG2 (50w) / IESUG2 (70w)  
 Type III = IESUG3  
 Type V = IESUG1 (50w only)

**Color temperature:** 3,000K

POLE AVAILABLE	MOUNTING HEIGHT	COLOR
Fiberglass	25', 30', 35'	Grey, Black (additional cost)
Wood	25', 30', 35'	Stained
Metal (Special conditions)	25', 30', 35'	Galvanized

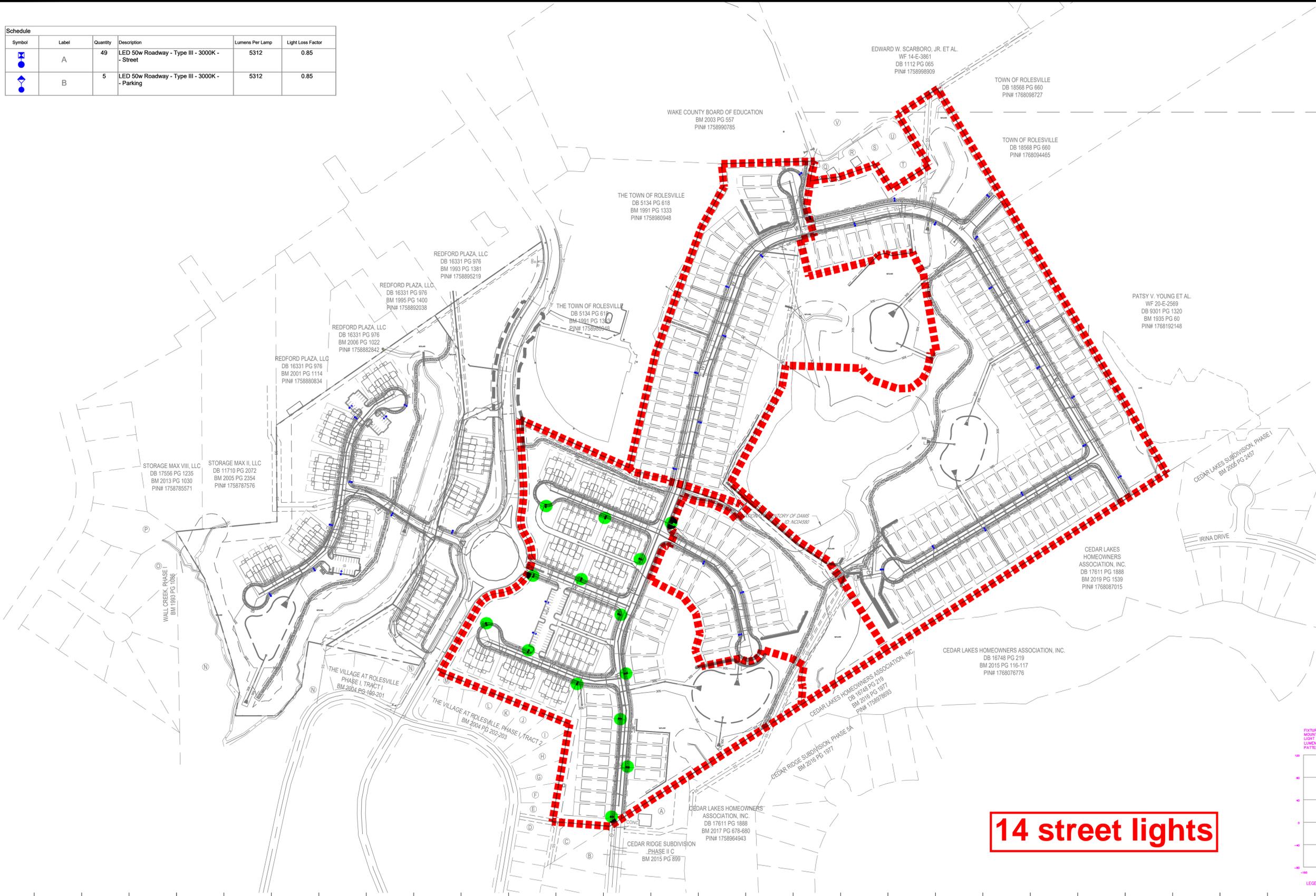
**FEATURES:**  
 Turnkey operation  
 Little or no installation cost  
 Design services by lighting professionals included  
 Maintenance, electricity & warranty included  
 One low monthly cost on your electric bill

**BENEFITS:**  
 Provides hassle-free installation and service  
 Frees up capital for other projects  
 Meets industry standards and lighting ordinances  
 Eliminates high and unexpected repair bills  
 Convenience and savings for you

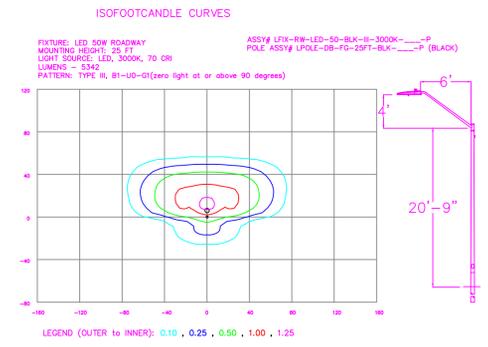
For additional information, contact us at 1-800-CustomerEnergy.

**DUKE ENERGY**  
PROGRESS

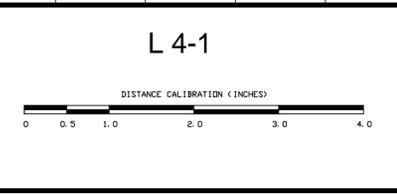
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**14 street lights**



NO.	DATE	REVISION	BY



**LIGHTING DESIGN TOLERANCE**

The calculated footcandle light levels in this lighting design are predicted values and are based on specific information that has been supplied to Duke Energy. Any inaccuracies in the supplied information, differences in luminaire installation, lighted area geometry including elevation differences, reflective properties of surrounding surfaces, obstructions (foliage or otherwise) in the lighted area, or lighting from sources other than listed in this design may produce different results from the predicted values. Normal tolerances of voltage, lamp output, and ballast and luminaire manufacture will also affect results.



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<b>PARKER RIDGE</b>	
Rolesville, NC	
SITE LIGHTING ARRANGEMENT	
Designed by	DUKE ENERGY PROGRESS LIGHTING SOLUTIONS
Reviewed by	N. Johnson
Date	07/18/2023
Description	LED Roadway
Drawing No.	23-0308A
Sht.	1 OF 1