

Schedule					
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
Blacks Deck Sky Citrus

Light source: LED (white)

Wattage: 50 watts, 70 watts

Lumens: 5,232 - 8,370

Light pattern: ESNA Type II, III, V

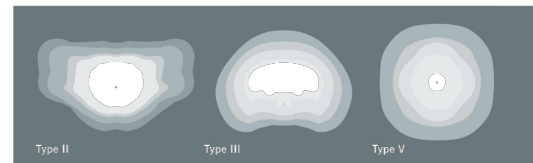
IESNA cutoff classification: Full cutoff

BUG rating: Type II = (B1)UG2 (50w)

Type III = (B1)UG2 (70w)

Type V = (B3)UG1 (50w only)

Color temperature: 3,000K



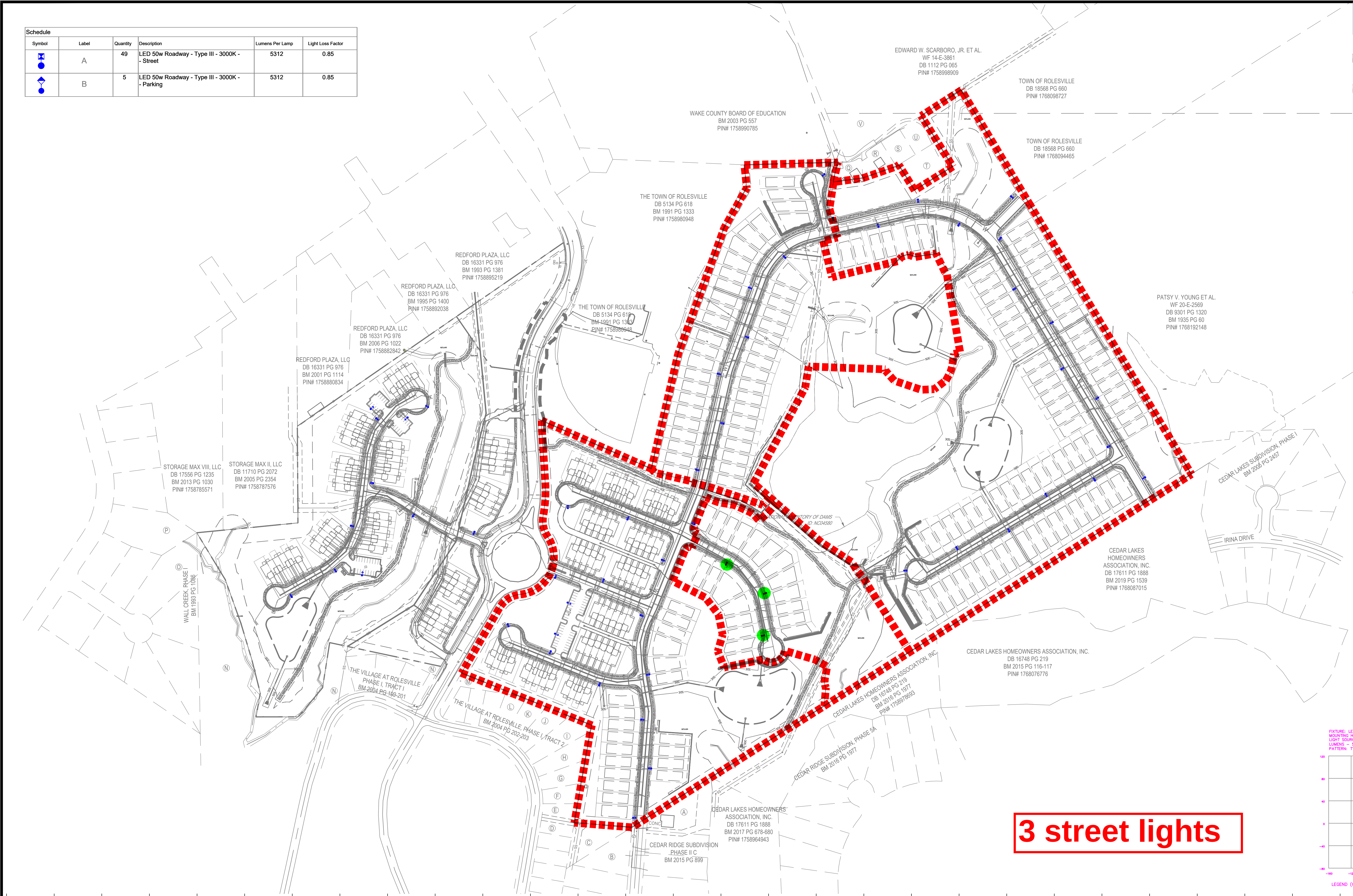
POLE AVAILABLE	MOUNTING HEIGHT	COLOR
Fiberglass	25', 30', 35'	Gray, Black (additional cost)
Wood	25', 30', 35'	Stained
Metal (Special conditions)	25', 30', 35'	Galvanized

FEATURES	BENEFITS
Turnkey operation	Provides hassle-free installation and service
Little or no installation cost	Frees up capital for other projects
Design services by lighting professionals included	Meets industry standards and lighting ordinances
Maintenance, electricity & warranty included	Eliminates high and unexpected repair bills
One low monthly cost on your electric bill	Convenience and savings for you

For additional information, contact us at 1-800-444-4444 or duke-energy.com

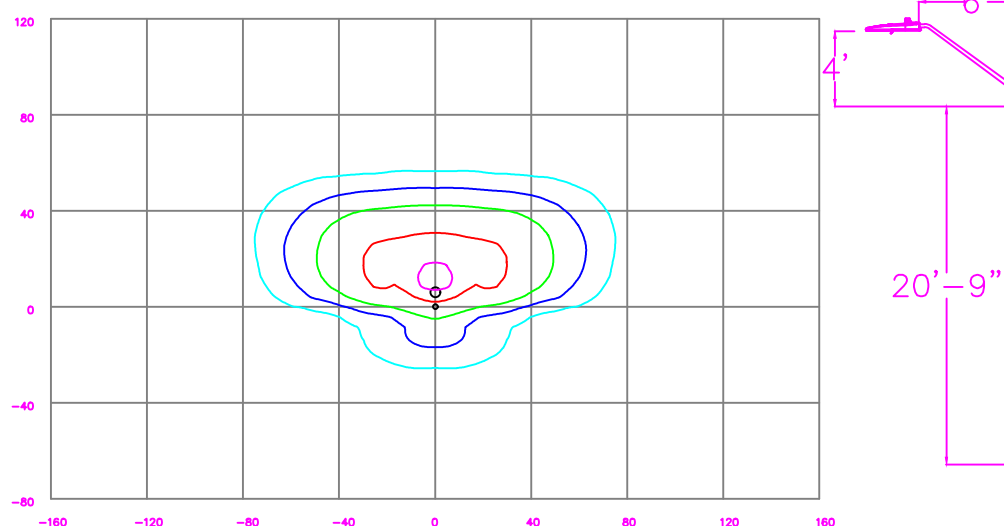


©2022 Duke Energy. All rights reserved. 000000 000000 000000



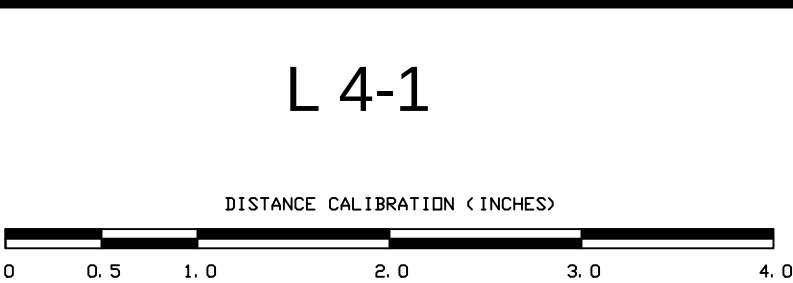
ISOFOOTCANDLE CURVES

FIXTURE: LED 50W ROADWAY
MOUNTING HEIGHT: 25 FT
LIGHT SOURCE: LED, 3000K, 70 CR
LUMENS = 5342
PATTERN: TYPE III, B1-UG-01 (zero light at or above 90 degrees)

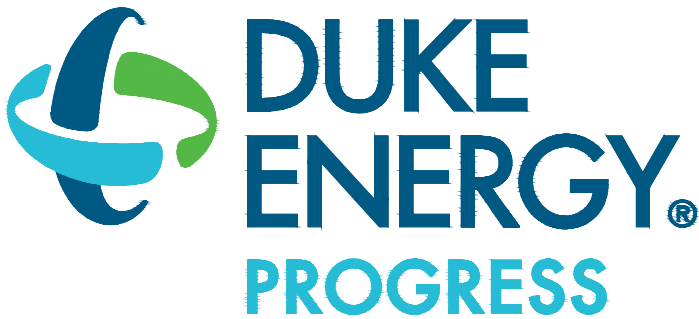


LEGEND (OUTER to INNER): 0.10, 0.25, 0.50, 1.00, 1.25

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.



PROPRIETARY & CONFIDENTIAL
This document together with the concepts and designs presented herein, presented as an instrument of service, is the sole property of Duke Energy, and is intended only for the specific purpose and prospective client as stated in the title block of this drawing. Any use, copying, reproduction or disclosure of the drawing, design or any information contained herein by the prospective customer or other entities, including without limitation, architects, engineers, or equipment manufacturers is hereby expressly prohibited and shall not be permitted absent prior written consent from, and payment of compensation to Duke Energy. Duke Energy disclaims any liability or responsibility for any unauthorized use of or reliance on this document.

PARKER RIDGE Rolesville, NC		
SITE LIGHTING ARRANGEMENT		
Designed by	DUKE ENERGY PROGRESS LIGHTING SOLUTIONS	
Reviewed by	N. Johnson	Scale 1" = 150'
Date	07/18/2023	Size Drawing size "D"
Description	LED Roadway	
Drawing No.	23-0308A	Sht. 1 OF 1