


V1 - FSP-24-06 -
Prestleigh Phases
4, 5, 6

Outdoor Lighting



MICRO LED ROADWAY
Micro LED Roadway


LED
LED emitting diode
Mounting height: 30, 35, 39
Color: Blue / Green
Fits: Standard
Material: Aluminum
Finish: Powder Coat
Lighting: High/Low/Off
Beam: 120°

Light source: LED module
Voltage: 24 volts, 78 volts
Lumens: 1200, 4000
Light pattern: 120° beam, 6, 8, 9
IP68 waterproof, corrosion resistant
UL5 safety Test 1 - 100000 hours
Type 1 - 100000 hours
Type 2 - 100000 hours

Color temperature: 3000K

FILE AVAILABLE	MOUNTING HEIGHT	COLOR
Program	30, 35, 39	Color, Blue, adjustable color
Beam	90, 120, 180	Standard
Beam Thermal coefficient	30, 35, 39	Standard

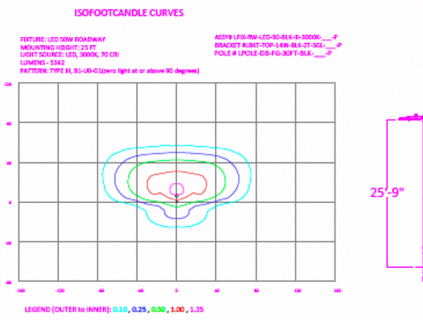
FEATURES: Programmable, Programmable timer and control
 DIMMABLE: Dimmable or non-dimmable
 Range: 1000 to 10000 lumens
 Dimensions: 100mm x 100mm x 100mm
 Weight: 0.5kg
 Mounting: 1/2" x 1/2" x 1/2" hole
 Cable: 1/2" x 1/2" x 1/2" hole
 Cable: 1/2" x 1/2" x 1/2" hole



DUKE ENERGY
LIGHTING SOLUTIONS



11 Street Lights in
PH 4,5,6 SF



Symbol	Label	Quantity	Description	Lumens Per Lamp	Light Loss Factor
ⓐ	A	54	LED 50w Roadway - Type III - 3000K - Street	5312	0.85
ⓑ	B	5	LED 50w Roadway - Type III - 3000K - Parking	5312	0.85

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 lighting arrangement, differences in landscape conditions, topography and geometry including obstructions, differences, reflective properties of surrounding surfaces, obstructions (obscure or otherwise) in the lighted area, or lighting from sources other than listed in this design may produce different results from the predicted values. Field tolerances of voltage, lamp output, and ballast and laminaire manufacture will also affect results.



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THE PRESERVE AT JONES DAIRY	
Raleigh, NC	
SITE LIGHTING ARRANGEMENT	
Designed by	DUKE ENERGY PROGRESS LIGHTING SOLUTIONS
Reviewed by	N. Johnson Scale 1" = 100'
Date	06/02/2023 Scale Drawing size "D"
Description	LED Roadway
Drawing No.	23-0332A
Sheet	1 OF 1