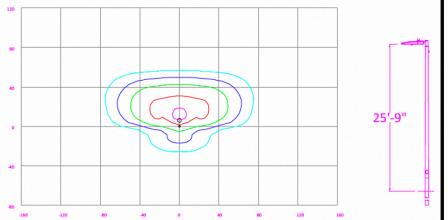
V1 = FSP-24-02

ISOFOOTCANDLE CURVES

FIXTURE: LED 50W ROADWAY
MOUNTING HEIGHT: 25 FT
LIGHT SOURCE: LED, 3000K, 70 CRI
LUMENS - 5342
PATTERN: TYPE III, B1-U0-G1(zero light at or above 90 degrees)

ASEYB LFR-RW-LED-50-BLK-III-3000K-___-P
BRACKET #LBKT-TOP-14IN-BLK-2T-SGL___-P
POLE # LPOLE-DB-FG-30FT-BLK-___-P



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

Schedule

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

DISTANCE CALIBRATION (INCHES)
0 0.5 1.0 2.0 3.0 4.0

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.

DUKE ENERGY PROGRESS

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THE PRESERVE AT JONES DAIRY
Rolesville, NC
SITE LIGHTING ARRANGEMENT

Designed by DUKE ENERGY PROGRESS LIGHTING SOLUTIONS
Reviewed by N. Johnson Scale 1" = 100'
Date 08/02/2023 Size Drawing size "D"
Description LED Roadway
Drawing No. 23-0332A Sht. 1 OF 1