

ISOPHOTCANDLE CURVES

ASPH/PLA RM LED 50-GRAY 10 GREEN — 8
POLE ASH/1 POLE CR 20FT GRAY — 9 (GRAY)

PATTERN: LED DOWN HOLLOW
HOLLOWING HEIGHT: 20' 9" (90 IN)
HOLLOW: 10' 9" (90 IN)
HAWKEY: 5' 9" (54 IN)
PATTERN: TYPIC IN: 10' 9" (90 IN) Right at or above 90 degrees

LEGEND (OUTER TO INNER): 0.05, 0.35, 0.50, 1.00, 1.15

Statistics						
Description	Symbol	Avg	Max	Min	Max/Min	Avg/Min
Street		0.5 fc	1.1 fc	0.0 fc	N/A	N/A

Schedule						
Symbol	Label	QTY	Description	Number Lamps	Lamp Output	LLF
 	A	26	LED 50w Roadway - Type III - 3000K	1	5312	0.85

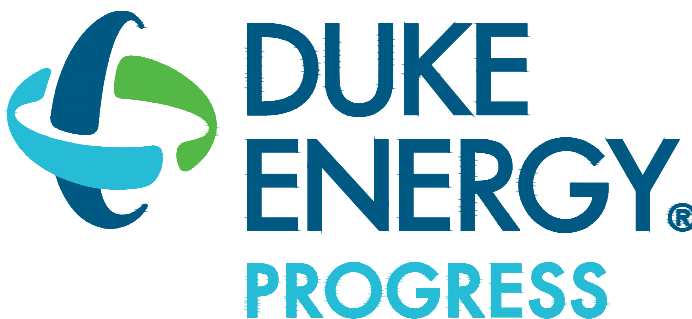


REV B	07/14/26	UPDATED SITE PLAN	NJ
NO.	DATE	REVISION	BY



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 than the predicted values. Normal tolerances of voltage, lamp output, and ballast and luminaire manufacture will also affect results.



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KALAS FALLS IV	
WAKE FOREST, NC	
STREET LIGHTING ARRANGEMENT	
Designed by	DUKE ENERGY PROGRESS LIGHTING SOLUTIONS
Reviewed by	N. Johnson Scale 1" = 60'
Date	07/14/2026 Size Drawing size "D"
Description LED ROADWAY	
Drawing No.	26-0111B Sht. 1 OF 1

ISOPOT CANDLE CURVES

ASFP17P16 RM LED 10-024111 10 0200N ____P
POLE ASFP11 MOLE CH FQ 2311 GRAY ____9 (BAY)

FIXTURE: LED DOWN ROADWAY
WIRING HEIGHT: 20 FT
LUMEN: 1542
PATTERN: 10% R, 9% L (20°/30° light at or above 90 degrees)

6"
20'-9"
9"

0 20 40 60 80 100 120 140 160 180

0 1 2 3 4 5 6 7 8 9 10

LEGEND (OUTER TO INNER): 0.25, 0.35, 0.50, 1.00, 1.25

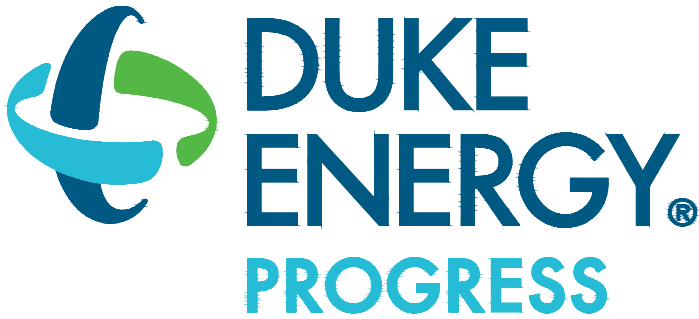


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