

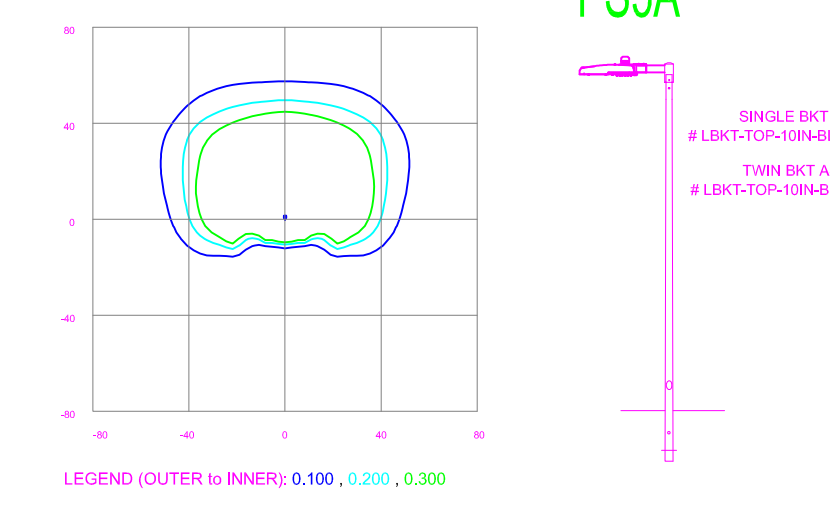


**ISOFOOTCANDLE CURVES**

FEATURE: PEDESTRIAN LED  
 MOUNTING HEIGHT: 30 FT  
 LIGHT SOURCE: 50W LED'S, 4000K (EANE)  
 PATTERN: TYPE IV, 81-03-04 (beam light at or above 90 degrees)

POLE ASSY # LPOLE-03-0297-BLK...  
 ASSY # LFB-03-04-05-40K-ANAL-TB-0V-1P

NOTE: THE FOOTCANDLE READINGS BELOW ARE MAINTAINED AND HAVE BEEN DEPRECIATED FOR LUMEN DEPRECIATION AND LUMINAIRE DIRT DEPRECIATION. FOR INITIAL FOOTCANDLES, DIVIDE THE READINGS BELOW BY .85.

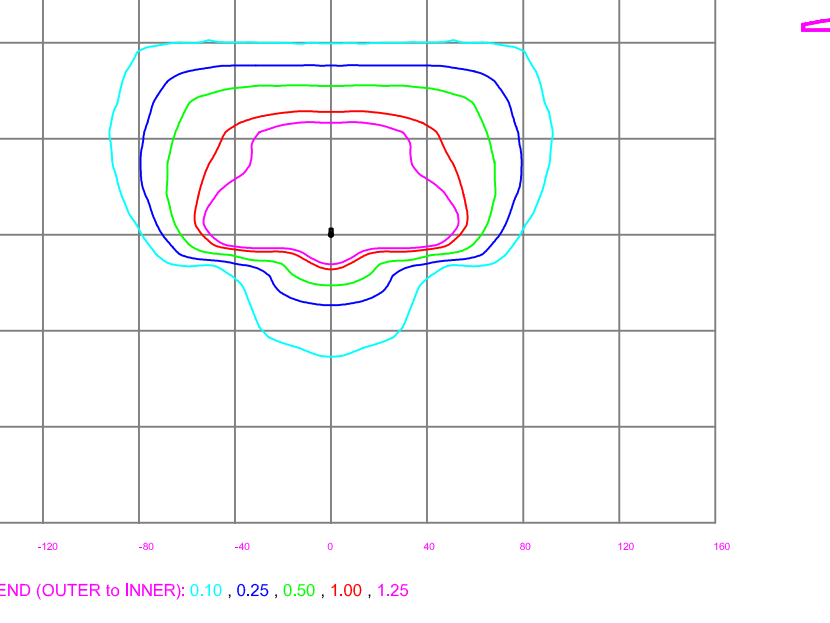


**ISOFOOTCANDLE CURVES**

FEATURE: LED150, EATON  
 MOUNTING HEIGHT: 25 FT  
 LIGHT SOURCE: LED'S, 4000K, 70 CRI  
 LUMENS: 18159  
 PATTERN: TYPE IV, 81-03-04 (beam light at or above 90 degrees)

ASSY # LFB-03-04-05-40K-ANAL-TB-0V-1P  
 POLE ASSY # LPOLE-03-0297-BLK...  
 BRACKET ASSY # LFB-03-04-05-40K-ANAL-TB-0V-1P

NOTE: THE FOOTCANDLE READINGS BELOW ARE MAINTAINED AND HAVE BEEN DEPRECIATED FOR LUMEN DEPRECIATION AND LUMINAIRE DIRT DEPRECIATION. FOR INITIAL FOOTCANDLES, DIVIDE THE READINGS BELOW BY .85.



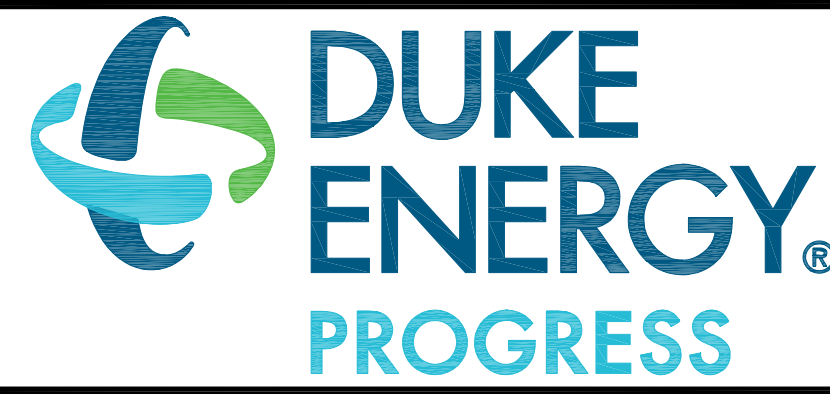
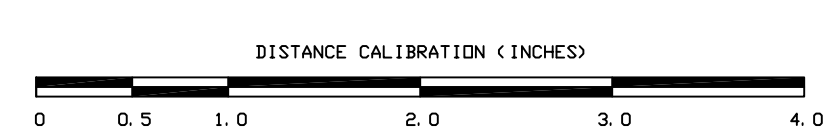
AREA NAME	DIMENSIONS	GRID TYPE	# PNTS	SPAC	GROUP	AVE	MAX	MIN	MAX MIN	AVE MIN
Parking	893.88x565.38 FT	Parking Property Line	349 286	10.00 10.00	<-> <->	1.78 0.02	4.91 0.30	0.53 0.00	0.25 N/A	3.55 N/A

TYP	SYMBOL	DESCRIPTION	LAMP	LUMENS	MOUNTING BALLAST	LLF	QTY
C14A	⬮	(1) 15w Shoebox - Type IV - 4000K Black Square Metal Pole	(1) Type IV 4000K	19355	25' MT HT Single Fixture	0.87	3
C14B	⬮	(2) 15w Shoebox - Type IV - 4000K Black Square Metal Pole	(2) Type IV 4000K	19355	25' MT HT Back to Back	0.87	1
PS5A	⬮	50w Shoebox "Style S" 4000K 16' Black Fiberglass Pole	(1) LED 4000K	4313	16' MT HT Ped Shoebox	0.87	1

**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 Progress. 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.

Customer approval \_\_\_\_\_ Date \_\_\_\_\_



**PROPRIETARY & CONFIDENTIAL**

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CHATHAM PROFESSIONAL PARK	
CHATHAM COUNTY, NC	
SITE LIGHTING PLAN	
Designed by	DEP LIGHTING SOLUTIONS
Reviewed by	G. STERKEN Scale 1" = 40'
Date	06/16/2020 Size "Arch D"
Description	LED 150w Shoebox
Drawing No.	20-0195A Sht. 1 OF 1