



Luminaire Schedule						
Symbol	Qty	Label	Arrangement	LLF	Description	Mounting Height
☒	15	Open Traditional 50W Type III 3000K	Single	0.900	UTLD-AF24-50-D-U-T3-7030	12

Calculation Summary						
Label	CalcType	Units	Avg	Max	Min	Avg/Min
Property Line	Illuminance	Fc	0.01	2.3	0.0	N.A.
Site	Illuminance	Fc	0.13	3.7	0.0	N.A.
Black Bear Ct	Illuminance	Fc	0.77	3.5	0.0	N.A.
Ivy Ridge Way	Illuminance	Fc	0.69	3.7	0.0	N.A.

Luminaire Location Summary						
LumNo	Label	X	Y	Mounting Height	Orient	
1	Open Traditional 50W Type III 3000K	164715.708	65573.659	12		187.137
2	Open Traditional 50W Type III 3000K	164702.029	65403.761	12		1.243
3	Open Traditional 50W Type III 3000K	164755.943	65255.178	12		197.345
4	Open Traditional 50W Type III 3000K	164950.238	64973.511	12		224.052
5	Open Traditional 50W Type III 3000K	165015.403	64847	12		32.023
7	Open Traditional 50W Type III 3000K	165233.725	64544.305	12		178.879
8	Open Traditional 50W Type III 3000K	164071.207	64784.596	12		96.032
10	Open Traditional 50W Type III 3000K	164265.754	65118.752	12		304.619
11	Open Traditional 50W Type III 3000K	164414.15	65155.63	12		106.765
12	Open Traditional 50W Type III 3000K	164575.189	65228.413	12		287.123
13	Open Traditional 50W Type III 3000K	164611.546	65703.487	12		28.528
14	Open Traditional 50W Type III 3000K	164790.269	65120.445	12		36.629
15	Open Traditional 50W Type III 3000K	164190.821	65018.695	12		140.215
16	Open Traditional 50W Type III 3000K	165122.92	64698.374	12		210.108
17	Open Traditional 50W Type III 3000K	164087.234	64895.116	12		329.978

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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, difference 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, LED output, and LED driver and luminaire manufacturer will also affect results.



#	Date	Comments

Drawn By: Anastasia Massey Photometric Designer
 Checked By: _____
 Date: 1/18/2024
 WO# 51894141
 Scale: 1" = 125'

Morgan Ridge - Phase 2
 Chapel Hill