



Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Grid Z
ALL CALC POINTS	Illuminance	Fc	3.01	48.2	0.0	N.A.	N.A.	0
CANDPY	Illuminance	Fc	37.49	48.2	28.5	1.32	1.69	
PAVED AREA	Illuminance	Fc	7.21	33.4	0.6	12.02	55.67	

Symbol	Qty	Label	Arrangement	Description	Mounting Height	LLF	Arr. Lum. Lumens	Arr. Watts	BUG Rating
	12	A	Single	SCV-LED-20L-SC-50-WHT-REDI	16.5'	1.000	20234	133	B4-U0-G1
	5	B	Single	XSPS-S-LED-SS-CW-DFL	10'	1.000	3966	311	B2-U0-G1
	3	C	Single	SLM-LED-18L-SIL-FT-50-70CRI-SINGLE	15' POLE + 2' BASE	1.000	18904	135	B3-U0-G3
	1	C-IL	Single	SLM-LED-18L-SIL-FT-50-70CRI-IL	15' POLE + 2' BASE	1.000	12043	135	B1-U0-G2
	6	D	Single	GSR-06L-FT-50	13'	1.000	5958	49	B2-U0-G1
	5	DI	Single	GSR-02L-FT-50 DIMMED 80%	13'	0.200	2373	18	B1-U0-G1
	1	E	2 @ 90	SLM-LED-18L-SIL-FT-50-70CRI-D90	15' POLE + 2' BASE	1.000	37808	270	B3-U0-G3

**PHOTOMETRIC EVALUATION  
NOT FOR CONSTRUCTION**

Based on the information provided, all dimensions and luminaire locations shown represent recommended positions. The engineer and/or architect must determine the applicability of the layout to existing or future field conditions.

This lighting plan represents illumination levels calculated from laboratory data taken under controlled conditions in accordance with The Illuminating Engineering Society (IES) approved methods. Actual performance of any manufacturer's luminaires may vary due to changes in electrical voltage, tolerance in lamps/LEDs and other variable field conditions. Calculations do not include obstructions such as buildings, curbs, landscaping, or any other architectural elements unless noted. Fixture nomenclature noted does not include mounting hardware or poles. This drawing is for photometric evaluation purposes only and should not be used as a construction document or as a final document for ordering product.

The IES no longer uses the Cutoff Classification System for LED fixtures. The IES classifies LED fixtures with the BUG rating which refers to the Backlight-Illuminance-Direct system. An Uplight of "U0" most closely matches the old Full Cutoff rating.

Dimensions of drawings that have been scaled or converted from PDF files or scanned /submitted images are approximate.

Total Project Watts  
Total Watts = 29455



LIGHTING PROPOSAL LD-162722-1

CASEY'S  
E 2nd ST & EASTLAWN DR  
FRANKLIN, OH

DATE: 03/25 REV: 07-25-25 SHEET 1 OF 1

SCALE: 1"=30'