

Planning Received 1/9/25



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/LED's 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-Uplight-Glare system. An Uplight of "U0" most closely matches the old Full Cutoff rating.

Calculation Summary								
Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Grid Z
ALL CALC'S AT GRADE	Illuminance	Fc	0.13	25.5	0.0	N.A.	N.A.	0
PROPERTY LINE	Illuminance	Fc	0.42	7.2	0.0	N.A.	N.A.	N.A.
PARKING LOT	Illuminance	Fc	1.66	12.6	0.0	N.A.	N.A.	

Luminaire Schedule									
Symbol	Qty	Label	Arrangement	Description	Mounting Height	LLF	Arr. Lum. Lumens	Arr. Watts	BUG Rating
	2	A	Single	XDLM-FT-LED-LW-WW-IL-SINGLE	7'	0.970	5873	56	B1-U0-G2
	3	W1	Single	WPSLS-01L-30	8'	0.900	1180	12.34	B1-U0-G0
	2	W2	Single	XWS-LED-01L-SIL-3-30-70CRI	16'	0.950	1491	10	B0-U0-G1
	1	W3	Single	XWS-LED-01L-SIL-2-30-70CRI	16'	0.950	1430	10	B1-U0-G1

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



Total Project Watts:1
Total Watts = 179.02



ROCKLAND SITE
421 FOREST STREET
ROCKLAND, MA

LIGHTING PROPOSAL LD-161596

BY/RK	DATE:12/12/24	REV:	SHEET 1 OF 1
SCALE: 1"=20'			0 20