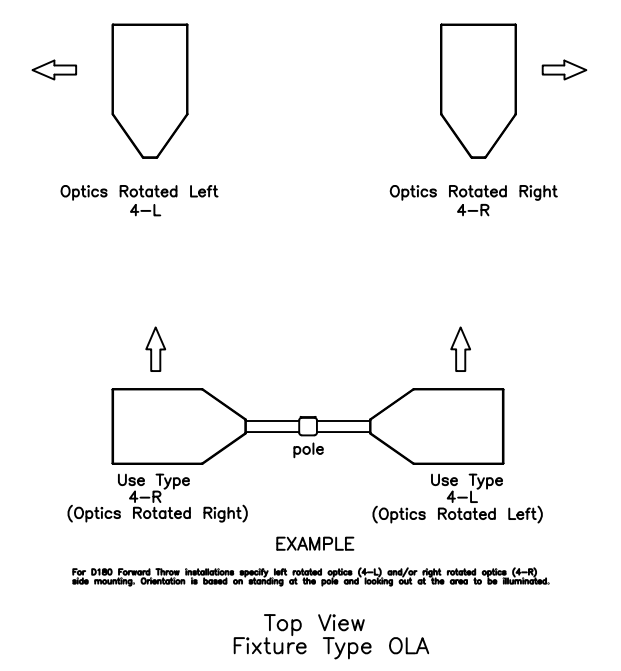




Label	CalcType	Units	Avg	Max	Min	Avg/Min	Max/Min	Grid Z
ALL CALC @ 4' ABOVE GRADE	Illuminance	Fc	1.08	16.5	0.0	N.A.	N.A.	4
SECURITY GATE	Illuminance	Fc	7.15	10.5	5.7	1.25	1.84	4
C E LOT	Illuminance	Fc	5.30	11.7	1.4	3.79	8.36	
CARRIER LANES ONLY	Illuminance	Fc	7.61	15.4	3.8	2.00	4.05	
DRIVE AROUND CARRIER LANES	Illuminance	Fc	7.80	16.5	2.2	3.55	7.50	
SALES STAGING LOT	Illuminance	Fc	3.42	12.6	0.4	8.55	31.50	
UPPER DRIVE	Illuminance	Fc	4.43	7.7	1.1	4.03	7.00	



**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.

Symbol	Qty	Label	Arrangement	Description	Mounting Height	LLD	LLF	Arr. Lum. Lumens	Arr. Watts
	2	DLA	D180° 2RTD	VALM-48L-(1)4FL(1)4F-R-40K7-D180RDT	30'	1.000	1.000	84134	612
	2	DLB1	3 @ 120	VALM-48L-50W-50K7	30'	1.000	1.000	138972	918
	4	DLG	D180°	VALM-48L-50W-50K7-D180	26'	1.000	1.000	92648	612
	13	DLG1	Single	VALM-48L-4F-50K7-SINGLE	26'	1.000	1.000	42161	306
	4	DLG2	Single	VALM-48L-4W-50K7-IS-SINGLE	26'	1.000	1.000	30061	306
	12	DLW2	Single	VALM-48L-4F-50K7-D180	26'	1.000	1.000	84322	612
	12	DLW2	Single	XWM-FT-LED-12L-50	19'	1.000	1.000	12166	77

Total Project Watts\_1  
Total Watts = 16530

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**LIGHTING PROPOSAL** LD-161320

CARMAX  
WORCESTER, MA  
(2024.10.16 Layout and Drainage.dwg)

DATE: 10/25/24  
SCALE: 1"=80'

SHEET 1 OF 1