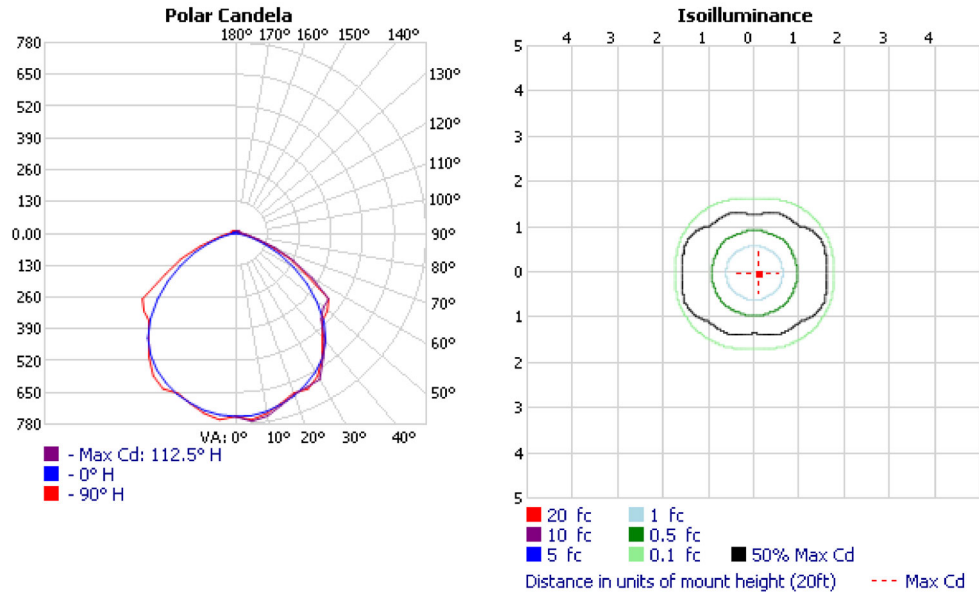


OUTDOOR PHOTOMETRIC REPORT
CATALOG: DATA-2-2LM-ST-840-U10-SM-CA



Manufacturer: LUX Dynamics
Test #: n/a
Test Lab: LIGHT LABORATORY, INC. (www.lightlaboratory.com)
Catalog: DATA-2-2lm-ST-840-U10-SM-CA
Description: LED luminaire
Lamp Output: Total luminaire Lumens: 2247.5, absolute photometry *
Ballast / Driver: XI050C150V054BST5 / 1
Input Wattage: 14
Luminous Opening: Rectangle w/Luminous Sides (L: 22.32", W: 2.52", H: 0.96")
Max Cd: 770.3 at Horizontal: 112.5°, Vertical: 5°
Roadway Class: Type VS

No
Photo
Available



*Test based on absolute photometry where lamp lumens=lumens total.
*Cutoff Classification and efficiency cannot be properly calculated for absolute photometry.

Visual Photometric Tool 1.2.46 copyright 2025, Acuity Brands Lighting.
This Photometric report has been generated using methods recommended by the IESNA. Calculations are based on Photometric data provided by the manufacturer, and the accuracy of this Photometric report is dependent on the accuracy of the data provided. End-user environment and application (including, but not limited to, voltage variation and dirt accumulation) can cause actual Photometric performance to differ from the performance calculated using the data provided by the manufacturer. This report is provided without warranty as to accuracy, completeness, reliability or otherwise. In no event will Acuity Brands Lighting be responsible for any loss resulting from any use of this report.



OUTDOOR PHOTOMETRIC REPORT
CATALOG: DATA-2-2LM-ST-840-U10-SM-CA



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	592.1	26.3%
0-40	976.2	43.4%
0-60	1,731.3	77%
60-90	430.1	19.1%
70-100	195.3	8.7%
90-120	56.1	2.5%
0-90	2,161.3	96.2%
90-180	86.2	3.8%
0-180	2,247.5	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	72.0	3.2%	90-100	21.9	1%
10-20	205.6	9.1%	100-110	18.2	0.8%
20-30	314.5	14.0%	110-120	16.0	0.7%
30-40	384.1	17.1%	120-130	12.4	0.5%
40-50	392.8	17.5%	130-140	8.5	0.4%
50-60	362.2	16.1%	140-150	5.1	0.2%
60-70	256.6	11.4%	150-160	2.9	0.1%
70-80	126.0	5.6%	160-170	1.0	0%
80-90	47.5	2.1%	170-180	0.3	0%

Roadway Summary

Distribution:		Type VS
Max Cd, 90 Deg Vert:		32.4
Max Cd, 80 to <90 Deg:		90.7
	Lumens	% Lamp
Downward Street Side:	1,091.0	48.5%
Downward House Side:	1,071.2	47.7%
Downward Total:	2,162.2	96.2%
Upward Street Side:	43.4	1.9%
Upward House Side:	42.8	1.9%
Upward Total:	86.2	3.8%
Total Lumens:	2,248.4	100%

LCS Table

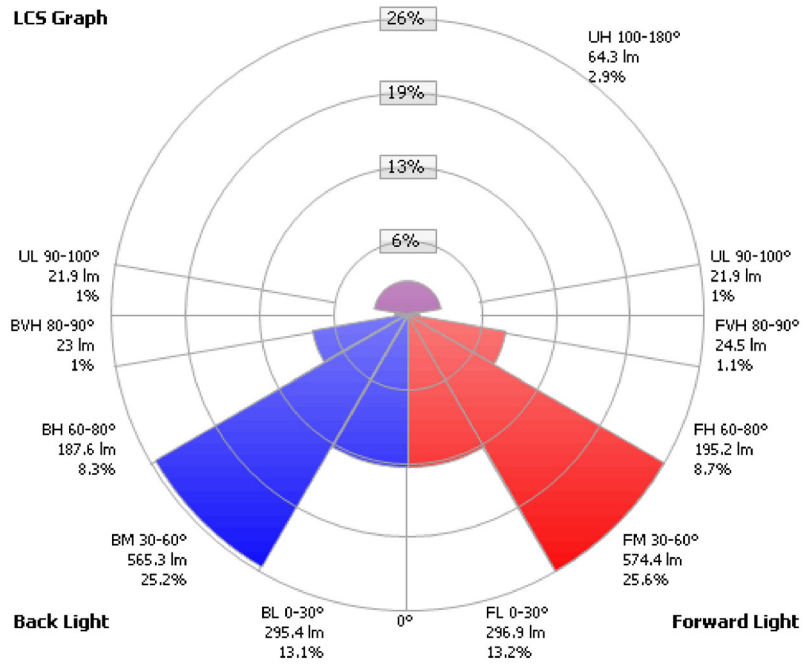
BUG Rating	B1 - U3 - G1	
Forward Light	Lumens	Lumens %
Low(0-30):	296.9	13.2%
Medium(30-60):	574.4	25.6%
High(60-80):	195.2	8.7%
Very High(80-90):	24.5	1.1%
Back Light		
Low(0-30):	295.4	13.1%
Medium(30-60):	565.3	25.2%
High(60-80):	187.6	8.3%
Very High(80-90):	23.0	1%
Uplight		
Low(90-100):	21.9	1%
High(100-180):	64.3	2.9%
Trapped Light:	0.000	0%



OUTDOOR PHOTOMETRIC REPORT
CATALOG: DATA-2-2LM-ST-840-U10-SM-CA



LCS Graph



Back Light

Forward Light

Scale = Max LCS %

Trapped Light: 0 lm, 0%

OUTDOOR PHOTOMETRIC REPORT
CATALOG: DATA-2-2LM-ST-840-U10-SM-CA



Candela Table - Type C

	0	22.5	45	67.5	90	112.5	135	157.5	180
0	748	748	748	748	748	748	748	748	748
5	747	744	764	770	764	770	762	741	744
10	738	748	765	758	746	757	762	743	734
15	722	740	736	726	718	726	734	733	717
20	705	716	703	701	694	699	701	707	699
25	680	680	673	693	701	692	667	671	673
30	653	636	652	690	672	688	651	625	644
35	620	586	646	627	617	623	641	577	606
40	573	543	597	569	552	565	587	535	558
45	511	506	530	499	502	495	519	497	492
50	435	460	463	473	490	469	451	446	416
55	356	396	390	469	464	464	384	383	339
60	274	330	362	368	330	361	355	317	259
65	195	259	314	267	246	261	304	248	183
70	125	197	226	177	153	171	216	186	116
75	70	142	149	102	85	98	140	131	63
80	34	91	89	60	56	59	83	81	30
85	13	50	52	40	37	39	49	44	11
90	6	28	32	26	23	25	31	26	5
95	6	21	25	20	18	20	24	20	6
100	7	18	22	18	17	18	21	17	6
105	8	19	21	18	17	18	20	18	8
110	10	19	19	17	17	17	18	18	9
115	10	18	19	16	16	16	18	17	9
120	10	16	18	16	16	16	17	15	8
125	9	13	15	16	16	16	15	12	8
130	8	11	13	15	15	15	12	10	6
135	7	9	11	13	14	13	11	9	6
140	7	8	11	12	13	12	11	8	0
145	0	0	10	11	12	11	10	8	0
150	0	0	10	11	11	11	10	0	0
155	0	0	10	11	11	11	10	0	0
160	0	0	0	11	11	11	10	0	0
165	0	0	0	0	11	11	0	0	0
170	0	0	0	0	11	11	0	0	0
175	0	0	0	0	11	11	0	0	0
180	0	0	0	0	11	11	0	0	0

