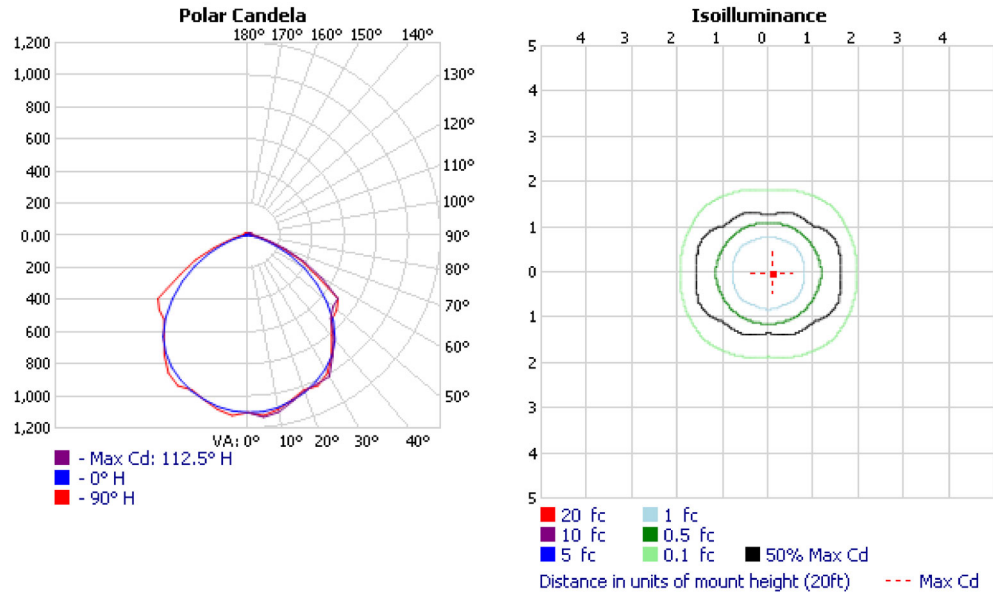


OUTDOOR PHOTOMETRIC REPORT
CATALOG: DATA-2-3LM-ST-840-U10-SM-CA



Manufacturer: LUX Dynamics
Test #: n/a
Test Lab: LIGHT LABORATORY, INC. (www.lightlaboratory.com)
Catalog: DATA-2-3lm-ST-840-U10-SM-CA
Description: LED luminaire
Lamp Output: Total luminaire Lumens: 3314.9, absolute photometry *
Ballast / Driver: XI050C150V054BST5 / 1
Input Wattage: 21
Luminous Opening: Rectangle w/Luminous Sides (L: 22.32", W: 2.52", H: 0.96")
Max Cd: 1,136.1 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-2-3LM-ST-840-U10-SM-CA



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	873.3	26.3%
0-40	1,439.8	43.4%
0-60	2,553.4	77%
60-90	634.3	19.1%
70-100	288.1	8.7%
90-120	82.8	2.5%
0-90	3,187.8	96.2%
90-180	127.1	3.8%
0-180	3,314.9	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	106.2	3.2%	90-100	32.3	1%
10-20	303.2	9.1%	100-110	26.9	0.8%
20-30	463.8	14.0%	110-120	23.6	0.7%
30-40	566.5	17.1%	120-130	18.2	0.5%
40-50	579.4	17.5%	130-140	12.5	0.4%
50-60	534.3	16.1%	140-150	7.5	0.2%
60-70	378.5	11.4%	150-160	4.3	0.1%
70-80	185.8	5.6%	160-170	1.5	0%
80-90	70.0	2.1%	170-180	0.4	0%

Roadway Summary

Distribution:	Type VS
Max Cd, 90 Deg Vert:	47.8
Max Cd, 80 to <90 Deg:	133.7
	Lumens % Lamp
Downward Street Side:	1,609.2 48.5%
Downward House Side:	1,579.9 47.7%
Downward Total:	3,189.0 96.2%
Upward Street Side:	64.0 1.9%
Upward House Side:	63.1 1.9%
Upward Total:	127.1 3.8%
Total Lumens:	3,316.1 100%

LCS Table

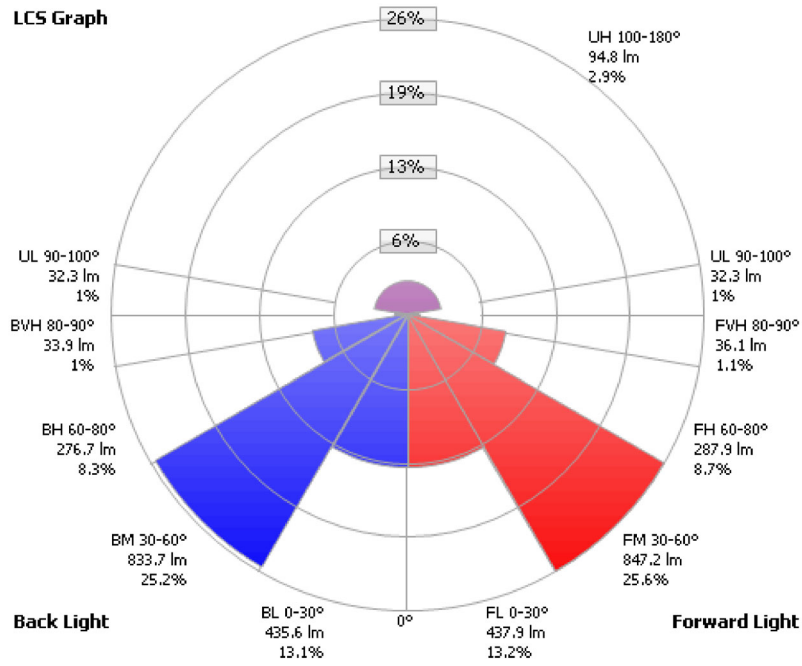
BUG Rating	B1 - U3 - G1	
Forward Light	Lumens	Lumens %
Low(0-30):	437.9	13.2%
Medium(30-60):	847.2	25.6%
High(60-80):	287.9	8.7%
Very High(80-90):	36.1	1.1%
Back Light		
Low(0-30):	435.6	13.1%
Medium(30-60):	833.7	25.2%
High(60-80):	276.7	8.3%
Very High(80-90):	33.9	1%
Uplight		
Low(90-100):	32.3	1%
High(100-180):	94.8	2.9%
Trapped Light:	0.000	0%



OUTDOOR PHOTOMETRIC REPORT
CATALOG: DATA-2-3LM-ST-840-U10-SM-CA



LCS Graph



Scale = Max LCS %

Trapped Light: 0 lm, 0%



Candela Table - Type C

	0	22.5	45	67.5	90	112.5	135	157.5	180
0	1103	1103	1103	1103	1103	1103	1103	1103	1103
5	1102	1098	1126	1136	1126	1136	1124	1093	1098
10	1089	1103	1128	1118	1100	1117	1123	1096	1083
15	1065	1091	1085	1072	1060	1071	1082	1081	1058
20	1040	1055	1036	1033	1023	1031	1034	1043	1031
25	1003	1002	993	1022	1033	1020	984	989	993
30	963	938	961	1018	991	1015	960	923	950
35	914	864	953	924	910	919	945	851	893
40	845	801	881	839	815	833	866	788	822
45	754	747	782	736	740	730	766	732	726
50	641	678	683	697	723	691	665	657	614
55	525	584	575	692	685	685	567	565	499
60	405	487	534	543	487	533	524	468	382
65	287	382	463	393	362	385	448	365	269
70	185	291	333	261	226	253	318	274	170
75	103	210	220	150	126	145	207	193	94
80	50	134	131	89	83	86	123	119	44
85	20	74	76	59	54	57	73	65	16
90	8	42	48	38	34	37	46	38	8
95	9	31	36	29	27	29	35	29	8
100	11	26	32	27	25	27	31	25	10
105	12	28	31	27	25	27	30	27	11
110	15	28	28	26	25	26	27	27	13
115	15	26	28	24	23	24	27	24	13
120	15	23	26	23	23	23	25	21	12
125	13	19	23	23	23	23	22	18	11
130	12	16	19	22	22	22	18	15	9
135	10	13	17	19	21	19	16	13	8
140	10	12	16	18	19	18	16	12	0
145	0	0	15	17	18	17	15	12	0
150	0	0	15	16	17	16	15	0	0
155	0	0	15	16	16	16	15	0	0
160	0	0	0	16	16	16	15	0	0
165	0	0	0	0	16	16	0	0	0
170	0	0	0	0	16	16	0	0	0
175	0	0	0	0	16	16	0	0	0
180	0	0	0	0	16	16	0	0	0

