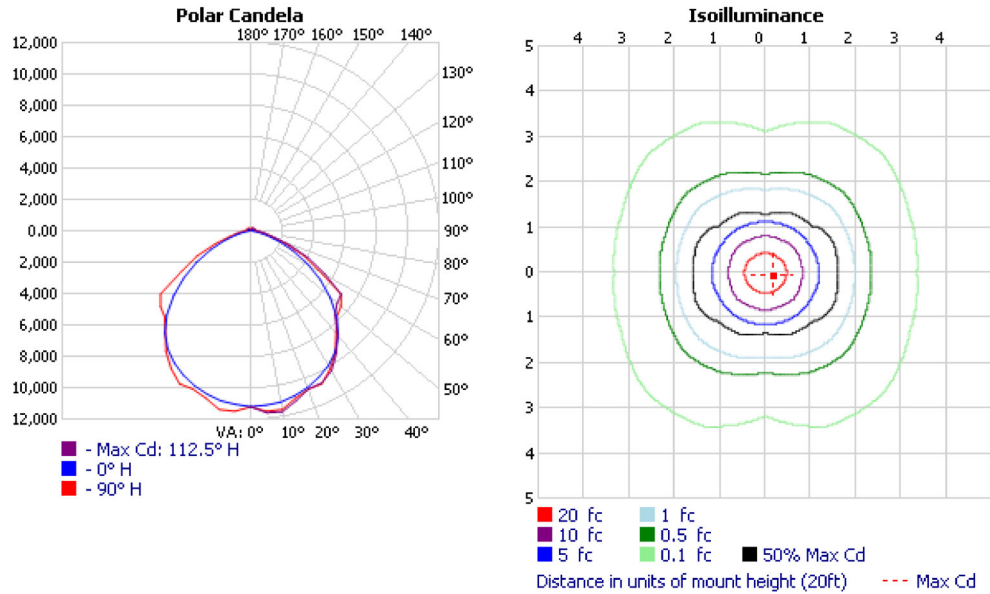


OUTDOOR PHOTOMETRIC REPORT
CATALOG: DATA-8-32LM-ST-840-U10-SM-CA



Manufacturer: LUX Dynamics
Test #: n/a
Test Lab: LIGHT LABORATORY, INC. (www.lightlaboratory.com)
Catalog: DATA-8-32lm-ST-840-U10-SM-CA
Description: LED luminaire
Lamp Output: Total luminaire Lumens: 34368.1, absolute photometry *
Ballast / Driver: XI085C240V054BST1 / 4
Input Wattage: 239.66
Luminous Opening: Rectangle w/Luminous Sides (L: 89.04", W: 2.52", H: 0.96")
Max Cd: 11,698.0 at Horizontal: 112.5°, Vertical: 10°
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-8-32LM-ST-840-U10-SM-CA



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	9,042.9	26.3%
0-40	14,897.8	43.3%
0-60	26,423.2	76.9%
60-90	6,603.9	19.2%
70-100	3,031.7	8.8%
90-120	884.2	2.6%
0-90	33,027.0	96.1%
90-180	1,341.1	3.9%
0-180	34,368.1	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	1,090.5	3.2%	90-100	344.4	1%
10-20	3,144.2	9.1%	100-110	287.6	0.8%
20-30	4,808.2	14.0%	110-120	252.3	0.7%
30-40	5,854.9	17.0%	120-130	194.2	0.6%
40-50	6,002.5	17.5%	130-140	131.9	0.4%
50-60	5,522.9	16.1%	140-150	74.2	0.2%
60-70	3,916.6	11.4%	150-160	47.6	0.1%
70-80	1,945.7	5.7%	160-170	8.9	0%
80-90	741.6	2.2%	170-180	0.000	0%

Roadway Summary

Distribution:	Type VS
Max Cd, 90 Deg Vert:	506.0
Max Cd, 80 to <90 Deg:	1,376.0
	Lumens % Lamp
Downward Street Side:	16,636.1 48.4%
Downward House Side:	16,403.8 47.7%
Downward Total:	33,039.9 96.1%
Upward Street Side:	679.0 2%
Upward House Side:	661.6 1.9%
Upward Total:	1,340.6 3.9%
Total Lumens:	34,380.5 100%

LCS Table

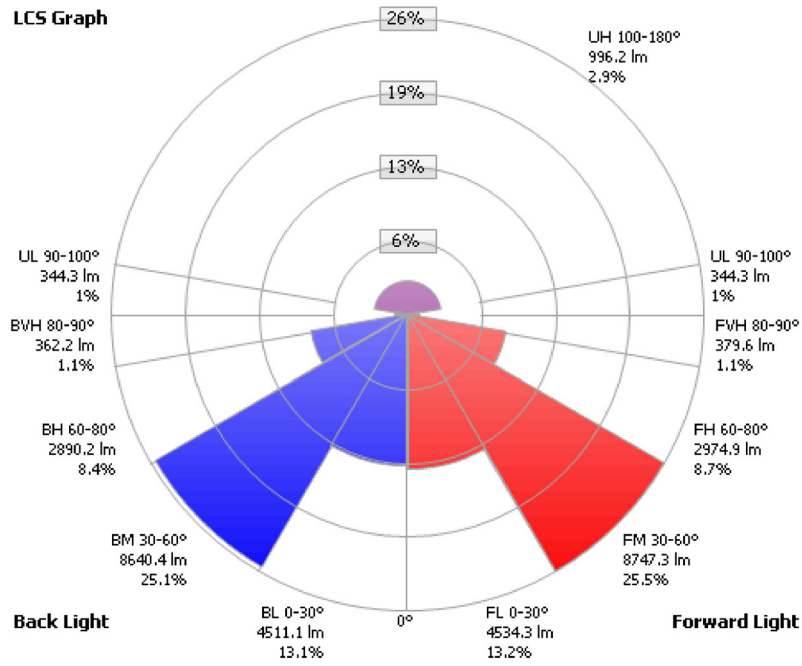
BUG Rating	B5 - U4 - G3	
Forward Light	Lumens	Lumens %
Low(0-30):	4,534.3	13.2%
Medium(30-60):	8,747.3	25.5%
High(60-80):	2,974.9	8.7%
Very High(80-90):	379.6	1.1%
Back Light		
Low(0-30):	4,511.1	13.1%
Medium(30-60):	8,640.4	25.1%
High(60-80):	2,890.2	8.4%
Very High(80-90):	362.2	1.1%
Uplight		
Low(90-100):	344.3	1%
High(100-180):	996.2	2.9%
Trapped Light:	0.000	0%



OUTDOOR PHOTOMETRIC REPORT
CATALOG: DATA-8-32LM-ST-840-U10-SM-CA



LCS Graph



N/A
VISUAL PHOTOMETRIC TOOL

OUTDOOR PHOTOMETRIC REPORT
 CATALOG: DATA-8-32LM-ST-840-U10-SM-CA



Candela Table - Type C

	0	22.5	45	67.5	90	112.5	135	157.5	180
0	11208	11208	11208	11208	11208	11208	11208	11208	11208
5	11152	11214	11544	11642	11542	11636	11506	11156	11100
10	11078	11294	11616	11696	11562	11698	11558	11212	10992
15	10868	11212	11374	11204	11038	11208	11366	11078	10770
20	10616	10902	10804	10748	10736	10728	10804	10772	10488
25	10286	10410	10298	10690	10744	10696	10228	10280	10142
30	9906	9714	10052	10388	10138	10300	10086	9590	9736
35	9396	8950	9850	9560	9408	9516	9788	8850	9208
40	8690	8318	9032	8658	8462	8602	8876	8224	8502
45	7752	7734	8060	7626	7744	7598	7912	7660	7556
50	6630	7000	7002	7208	7504	7174	6856	6846	6412
55	5410	6028	5972	7122	7026	7050	5912	5902	5190
60	4166	5010	5536	5546	5014	5436	5474	4864	3978
65	2954	3916	4764	4078	3788	4024	4618	3800	2810
70	1894	2954	3438	2706	2384	2664	3302	2850	1792
75	1062	2146	2282	1596	1366	1564	2184	2014	990
80	520	1354	1376	960	904	942	1314	1248	468
85	206	746	810	634	586	620	778	688	172
90	94	428	506	408	368	400	490	402	80
95	100	322	382	320	294	318	376	308	88
100	114	276	342	294	274	294	332	258	102
105	132	290	326	288	272	288	318	276	122
110	152	296	304	280	272	278	290	280	146
115	154	276	296	258	256	256	288	256	148
120	144	242	276	252	250	252	266	224	138
125	130	208	238	248	248	246	230	190	128
130	114	166	204	232	238	230	196	156	108
135	92	142	180	210	220	208	176	134	96
140	0	126	168	190	200	190	166	124	0
145	0	0	160	182	188	182	160	0	0
150	0	0	156	174	182	176	156	0	0
155	0	0	154	166	172	168	156	0	0
160	0	0	154	166	168	166	156	0	0
165	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0

