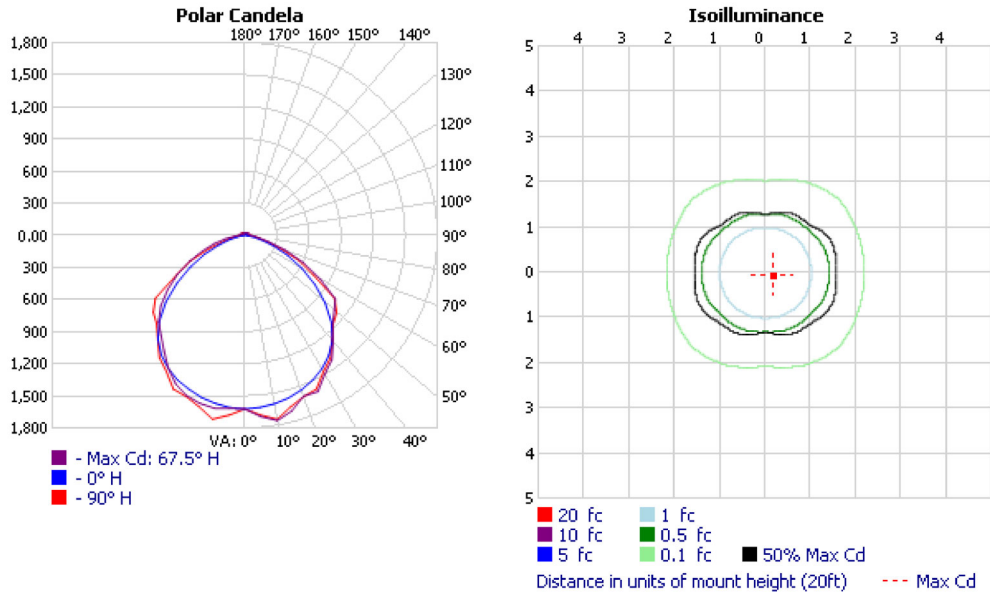


OUTDOOR PHOTOMETRIC REPORT
CATALOG: DATA-2-5LM-ST-840-U10-SM-CA



Manufacturer: LUX Dynamics
Test #: n/a
Test Lab: LIGHT LABORATORY, INC. (www.lightlaboratory.com)
Catalog: DATA-2-5lm-ST-840-U10-SM-CA
Description: LED luminaire
Lamp Output: Total luminaire Lumens: 5107.3, absolute photometry *
Ballast / Driver: XI050C150V054BST5 / 1
Input Wattage: 34.5
Luminous Opening: Rectangle w/Luminous Sides (L: 22.32", W: 2.52", H: 0.96")
Max Cd: 1,756.8 at Horizontal: 67.5°, 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-2-5LM-ST-840-U10-SM-CA



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,340.7	26.3%
0-40	2,208.2	43.2%
0-60	3,925.0	76.9%
60-90	975.6	19.1%
70-100	443.8	8.7%
90-120	126.4	2.5%
0-90	4,900.6	96%
90-180	206.7	4%
0-180	5,107.3	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	159.8	3.1%	90-100	49.5	1%
10-20	467.5	9.2%	100-110	40.9	0.8%
20-30	713.5	14.0%	110-120	36.0	0.7%
30-40	867.5	17.0%	120-130	27.8	0.5%
40-50	897.1	17.6%	130-140	19.2	0.4%
50-60	819.7	16.1%	140-150	14.0	0.3%
60-70	581.3	11.4%	150-160	10.3	0.2%
70-80	286.5	5.6%	160-170	6.6	0.1%
80-90	107.9	2.1%	170-180	2.3	0%

Roadway Summary

Distribution:	Type VS
Max Cd, 90 Deg Vert:	73.2
Max Cd, 80 to <90 Deg:	198.8
	Lumens % Lamp
Downward Street Side:	2,465.2 48.3%
Downward House Side:	2,437.2 47.7%
Downward Total:	4,902.5 96%
Upward Street Side:	103.8 2%
Upward House Side:	102.8 2%
Upward Total:	206.6 4%
Total Lumens:	5,109.1 100%

LCS Table

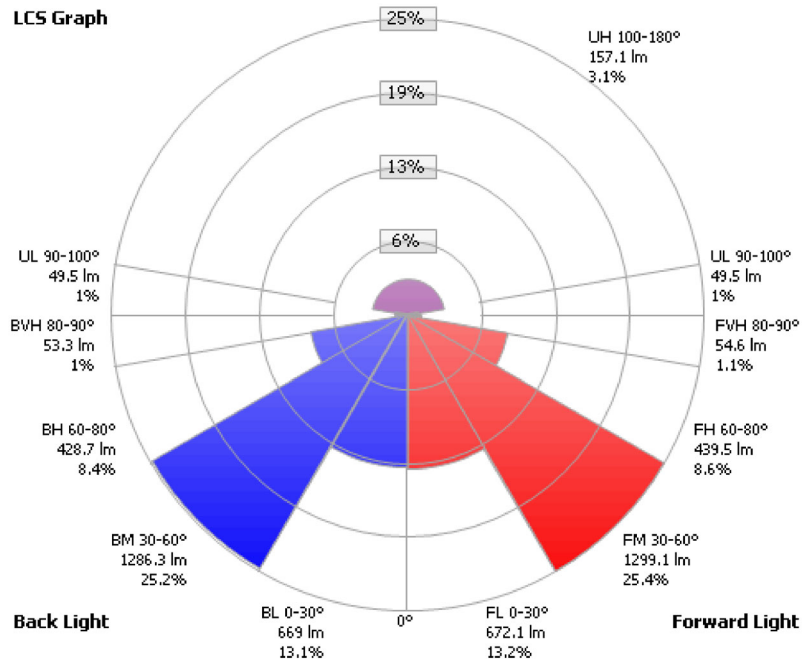
BUG Rating	B2 - U3 - G1	
Forward Light	Lumens	Lumens %
Low(0-30):	672.1	13.2%
Medium(30-60):	1,299.1	25.4%
High(60-80):	439.5	8.6%
Very High(80-90):	54.6	1.1%
Back Light		
Low(0-30):	669.0	13.1%
Medium(30-60):	1,286.3	25.2%
High(60-80):	428.7	8.4%
Very High(80-90):	53.3	1%
Uplight		
Low(90-100):	49.5	1%
High(100-180):	157.1	3.1%
Trapped Light:	0.000	0%



OUTDOOR PHOTOMETRIC REPORT
CATALOG: DATA-2-5LM-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	1622	1622	1622	1622	1622	1622	1622	1622	1622
5	1614	1626	1680	1699	1685	1697	1680	1622	1614
10	1597	1644	1708	1757	1744	1754	1706	1640	1594
15	1573	1631	1723	1697	1658	1692	1714	1625	1568
20	1538	1605	1638	1600	1604	1595	1623	1593	1530
25	1495	1548	1532	1611	1584	1607	1519	1531	1491
30	1439	1450	1532	1497	1470	1493	1512	1434	1434
35	1368	1337	1459	1418	1395	1414	1452	1319	1364
40	1273	1237	1323	1284	1267	1279	1318	1220	1266
45	1143	1159	1192	1161	1168	1155	1183	1142	1131
50	979	1049	1029	1091	1119	1081	1022	1027	965
55	798	906	902	1032	1022	1025	883	883	776
60	615	752	827	811	742	801	807	731	591
65	441	588	696	602	562	597	686	568	417
70	285	443	504	403	353	398	493	422	263
75	159	315	333	231	196	228	325	300	144
80	77	197	199	136	129	134	194	189	69
85	30	106	116	91	86	90	114	103	26
90	13	61	73	59	52	58	72	60	12
95	14	46	55	45	41	45	55	46	13
100	16	39	47	41	38	41	48	39	15
105	19	42	46	40	37	40	46	41	18
110	22	43	42	39	38	39	42	41	21
115	24	39	42	36	36	36	42	37	21
120	22	34	39	36	35	36	39	32	20
125	20	29	34	35	35	35	33	28	18
130	17	23	29	33	34	33	29	23	16
135	15	20	25	30	31	30	25	20	13
140	15	18	24	27	29	27	24	18	14
145	17	19	22	26	27	26	23	19	15
150	18	19	22	25	26	25	22	20	17
155	20	20	22	24	25	24	22	20	18
160	21	22	23	24	25	24	22	22	20
165	22	24	23	25	25	24	23	23	21
170	23	23	25	25	25	24	24	22	22
175	25	23	23	25	25	24	23	22	24
180	24	24	24	24	24	24	24	24	24

