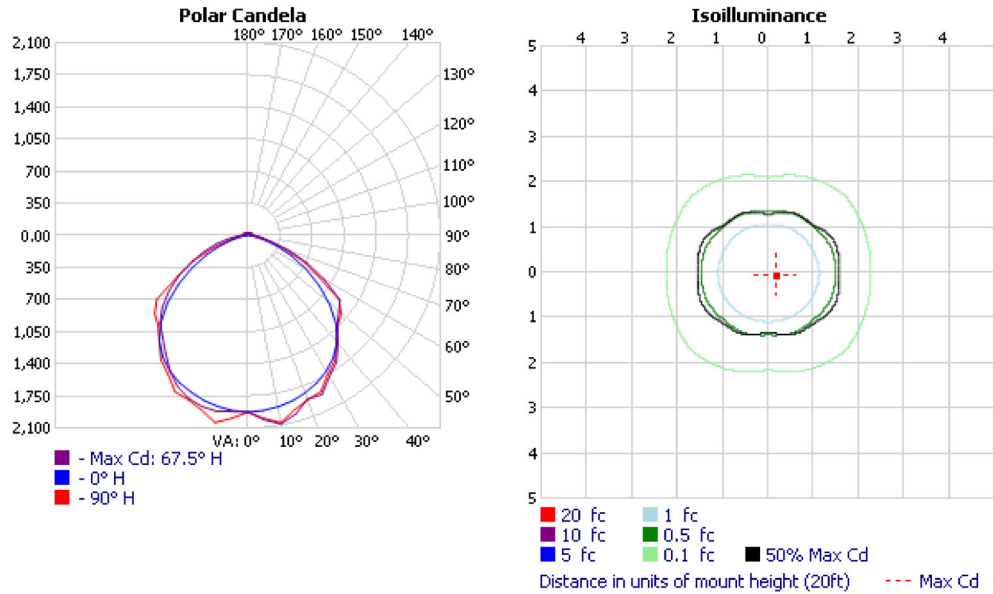


OUTDOOR PHOTOMETRIC REPORT
CATALOG: DATA-2-6LM-ST-840-U10-SM-CA



Manufacturer: LUX Dynamics
Test #: n/a
Test Lab: LIGHT LABORATORY, INC. (www.lightlaboratory.com)
Catalog: DATA-2-6lm-ST-840-U10-SM-CA
Description: LED luminaire
Lamp Output: Total luminaire Lumens: 6065.8, absolute photometry *
Ballast / Driver: XI050C150V054BST5 / 1
Input Wattage: 41.5
Luminous Opening: Rectangle w/Luminous Sides (L: 22.32", W: 2.52", H: 0.96")
Max Cd: 2,086.5 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-2-6LM-ST-840-U10-SM-CA



Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,592.4	26.3%
0-40	2,622.7	43.2%
0-60	4,661.7	76.9%
60-90	1,158.7	19.1%
70-100	527.1	8.7%
90-120	150.1	2.5%
0-90	5,820.4	96%
90-180	245.5	4%
0-180	6,065.8	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	189.7	3.1%	90-100	58.8	1%
10-20	555.2	9.2%	100-110	48.6	0.8%
20-30	847.4	14.0%	110-120	42.7	0.7%
30-40	1,030.3	17.0%	120-130	33.0	0.5%
40-50	1,065.4	17.6%	130-140	22.9	0.4%
50-60	973.6	16.1%	140-150	16.6	0.3%
60-70	690.4	11.4%	150-160	12.3	0.2%
70-80	340.2	5.6%	160-170	7.9	0.1%
80-90	128.1	2.1%	170-180	2.7	0%

Roadway Summary

Distribution:	Type VS
Max Cd, 90 Deg Vert:	86.9
Max Cd, 80 to <90 Deg:	236.2
	Lumens % Lamp
Downward Street Side:	2,927.9 48.3%
Downward House Side:	2,894.6 47.7%
Downward Total:	5,822.5 96%
Upward Street Side:	123.3 2%
Upward House Side:	122.1 2%
Upward Total:	245.4 4%
Total Lumens:	6,067.9 100%

LCS Table

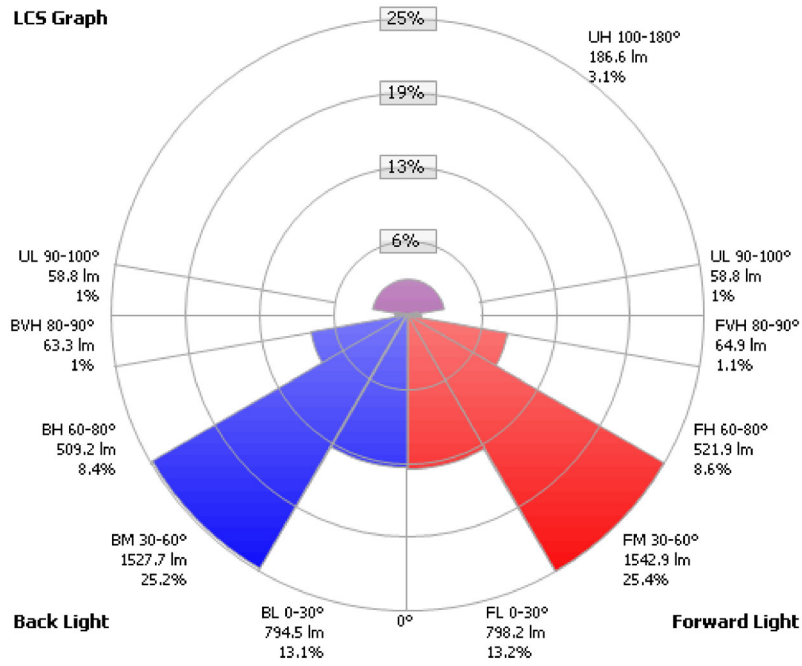
BUG Rating	B2 - U3 - G1	
Forward Light	Lumens	Lumens %
Low(0-30):	798.2	13.2%
Medium(30-60):	1,542.9	25.4%
High(60-80):	521.9	8.6%
Very High(80-90):	64.9	1.1%
Back Light		
Low(0-30):	794.5	13.1%
Medium(30-60):	1,527.7	25.2%
High(60-80):	509.2	8.4%
Very High(80-90):	63.3	1%
Uplight		
Low(90-100):	58.8	1%
High(100-180):	186.6	3.1%
Trapped Light:	0.000	0%



OUTDOOR PHOTOMETRIC REPORT
CATALOG: DATA-2-6LM-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	1926	1926	1926	1926	1926	1926	1926	1926	1926
5	1916	1931	1995	2017	2001	2016	1995	1926	1917
10	1896	1952	2029	2087	2072	2083	2026	1947	1893
15	1868	1937	2046	2016	1969	2009	2035	1930	1863
20	1826	1906	1945	1900	1905	1894	1928	1892	1817
25	1775	1838	1819	1914	1881	1909	1804	1819	1771
30	1709	1723	1819	1778	1746	1774	1795	1703	1704
35	1625	1588	1732	1684	1657	1679	1724	1566	1620
40	1512	1470	1571	1526	1505	1519	1566	1449	1504
45	1358	1377	1416	1379	1387	1372	1405	1357	1343
50	1162	1246	1222	1296	1329	1284	1213	1220	1146
55	948	1076	1071	1226	1214	1217	1049	1049	922
60	730	893	982	963	881	952	959	868	702
65	524	698	827	715	667	709	815	675	495
70	338	526	599	479	420	473	586	502	312
75	188	374	396	275	233	271	386	356	171
80	91	234	236	162	153	159	230	224	81
85	35	126	138	109	102	107	136	122	31
90	15	73	87	70	62	69	86	72	15
95	17	55	65	53	49	54	65	55	16
100	19	46	56	48	45	49	57	46	18
105	22	50	54	47	45	48	55	49	22
110	27	51	50	47	45	46	50	49	25
115	28	46	50	43	42	43	50	45	25
120	26	40	47	42	42	42	46	38	24
125	24	34	40	42	42	42	39	33	21
130	21	28	34	39	40	39	34	27	19
135	18	24	30	36	37	36	30	23	16
140	18	22	28	33	34	33	28	22	17
145	20	22	27	31	32	31	27	22	17
150	22	23	27	30	31	30	27	23	20
155	23	24	27	29	30	29	27	24	22
160	25	26	27	29	29	28	27	26	23
165	26	28	28	29	29	29	27	27	25
170	28	27	30	29	30	28	29	27	27
175	29	27	27	29	30	28	27	27	28
180	28	28	28	28	28	28	28	28	28

