

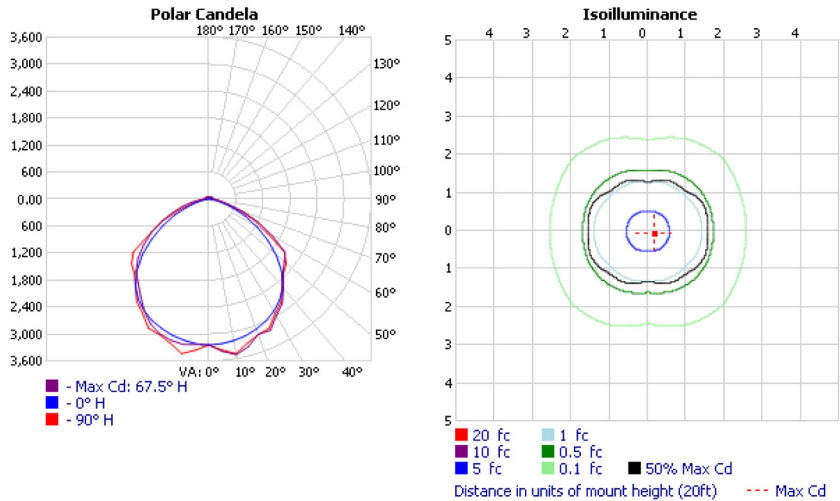
OUTDOOR PHOTOMETRIC REPORT

CATALOG: DATA-4-10LM-ST-840-U10-SM-CA

Manufacturer: LUX Dynamics
Test #: L042510405
Test Lab: LIGHT LABORATORY, INC. (www.lightlaboratory.com)
Catalog: DATA-4-10lm-ST-840-U10-SM-CA
Description: LED luminaire
Lamp Output: Total luminaire Lumens: 10214.6, absolute photometry *
Ballast / Driver: XI085C240V054BST1 / 1
Input Wattage: 69
Luminous Opening: Rectangle w/Luminous Sides (L: 44.76", W: 2.52", H: 0.96")
Max Cd: 3,513.6 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.

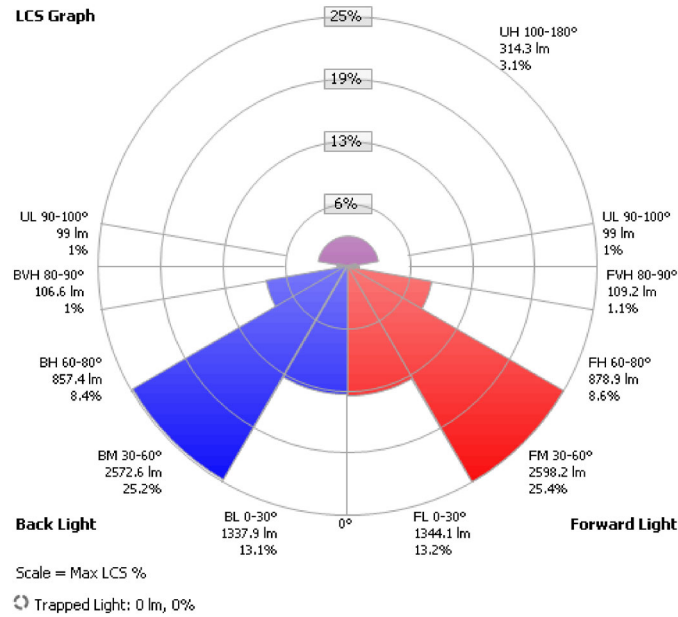
Visual Photometric Tool 1.2.46 copyright 2025, Acuity Brands Lighting.
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Zonal Lumen Summary			Lumens Per Zone					
Zone	Lumens	% Luminaire	Zone	Lumens	% Total	Zone	Lumens	% Total
0-30	2,681.5	26.3%	0-10	319.5	3.1%	90-100	99.0	1%
0-40	4,416.5	43.2%	10-20	935.0	9.2%	100-110	81.8	0.8%
0-60	7,850.1	76.9%	20-30	1,427.0	14.0%	110-120	72.0	0.7%
60-90	1,951.2	19.1%	30-40	1,735.0	17.0%	120-130	55.6	0.5%
70-100	887.7	8.7%	40-50	1,794.1	17.6%	130-140	38.5	0.4%
90-120	252.8	2.5%	50-60	1,639.5	16.1%	140-150	28.0	0.3%
0-90	9,801.3	96%	60-70	1,162.6	11.4%	150-160	20.7	0.2%
90-180	413.3	4%	70-80	572.9	5.6%	160-170	13.2	0.1%
0-180	10,214.6	100%	80-90	215.7	2.1%	170-180	4.5	0%

Roadway Summary			LCS Table		
Distribution:			BUG Rating		
Type VS			B3 - U3 - G2		
Max Cd, 90 Deg Vert:			Forward Light		
146.4			Lumens		
Max Cd, 80 to <90 Deg:			Lumens %		
397.7			Low(0-30):		
			1,344.1		
			13.2%		
			Medium(30-60):		
			2,598.2		
			25.4%		
			High(60-80):		
			878.9		
			8.6%		
			Very High(80-90):		
			109.2		
			1.1%		
			Back Light		
			Low(0-30):		
			1,337.9		
			13.1%		
			Medium(30-60):		
			2,572.6		
			25.2%		
			High(60-80):		
			857.4		
			8.4%		
			Very High(80-90):		
			106.6		
			1%		
			Uplight		
			Low(90-100):		
			99.0		
			1%		
			High(100-180):		
			314.3		
			3.1%		
			Trapped Light:		
			0.000		
			0%		





Candela Table - Type C

	0	22.5	45	67.5	90	112.5	135	157.5	180
0	3244	3244	3244	3244	3244	3244	3244	3244	3244
5	3227	3252	3359	3397	3370	3394	3359	3244	3229
10	3193	3287	3416	3514	3489	3508	3411	3279	3187
15	3146	3262	3446	3394	3315	3384	3427	3251	3137
20	3075	3209	3276	3199	3207	3189	3246	3186	3060
25	2990	3095	3064	3223	3167	3214	3038	3062	2982
30	2878	2901	3063	2994	2940	2987	3023	2867	2869
35	2736	2674	2917	2836	2790	2827	2904	2638	2727
40	2547	2475	2645	2569	2535	2558	2637	2440	2532
45	2286	2318	2384	2323	2336	2310	2366	2285	2262
50	1957	2098	2058	2182	2238	2163	2043	2055	1930
55	1596	1812	1804	2064	2045	2049	1766	1766	1553
60	1230	1504	1654	1621	1484	1603	1614	1462	1182
65	883	1176	1392	1205	1124	1195	1372	1136	834
70	570	885	1009	807	707	797	986	845	526
75	317	629	667	463	392	456	650	600	288
80	154	395	398	272	257	268	388	378	137
85	59	212	233	183	171	181	228	206	51
90	26	123	146	117	105	116	144	121	25
95	28	92	109	90	82	91	109	93	26
100	32	78	95	81	76	82	96	78	31
105	38	84	91	80	75	81	92	83	36
110	45	86	84	79	76	78	84	83	42
115	47	78	84	72	71	72	84	75	42
120	44	68	79	71	71	71	78	64	40
125	41	58	67	70	70	71	66	56	36
130	35	46	58	66	68	66	57	46	31
135	30	40	50	60	63	60	50	39	26
140	31	36	47	55	58	55	47	36	28
145	34	37	45	51	54	51	46	37	29
150	36	39	45	50	52	50	45	39	34
155	39	41	45	49	50	49	45	40	36
160	42	44	46	49	49	48	45	44	39
165	44	47	46	49	49	49	46	46	42
170	46	46	50	49	50	48	49	45	45
175	49	46	46	49	50	48	46	45	48
180	48	48	48	48	48	48	48	48	48