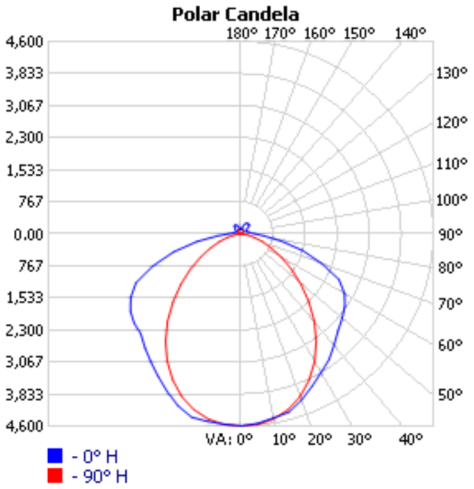
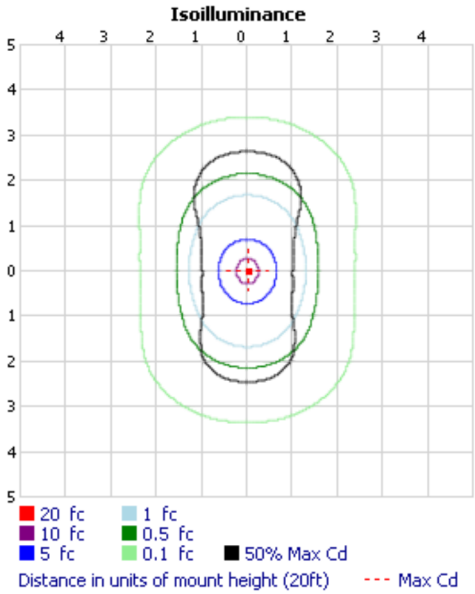
OUTDOOR PHOTOMETRIC REPORT
CATALOG: L-3-14LM-SA-850-1-DP10-CP

Manufacturer:	LUX Dynamics
Test #:	L122410306
Test Lab:	LIGHT LABORATORY, INC. (www.lightlaboratory.com)
Catalog:	L-3-14lm-SA-850-1-DP10-CP
Description:	Parking garage fixture, 3-bar, 14,000lm, SA configuration, 850, 1ft length, DP10 driver, Clear Polycarbonate lens
Lamp Output:	Total luminaire Lumens: 14141.7, absolute photometry *
Ballast / Driver:	ADVANCE SIGNIFY XJ180C180V144BSF2 (1)
Input Wattage:	103.99
Luminous Opening:	Rectangle w/Luminous Sides (L: 14.52", W: 12", H: 0.72")
Max Cd:	4,593.0 at Horizontal: 0°, Vertical: 0°
Roadway Class:	VERY SHORT, TYPE III

No Photo Available





*Test based on absolute photometry where lamp lumens=lumens total.
*Cutoff Classification and efficiency cannot be properly calculated for absolute photometry.

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Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	3,515.7	24.9%
0-40	5,678.7	40.2%
0-60	9,968.1	70.5%
60-90	3,271.9	23.1%
70-100	1,673.2	11.8%
90-120	369.7	2.6%
0-90	13,240.0	93.6%
90-180	901.8	6.4%
0-180	14,141.7	100%

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	432.7	3.1%	90-100	143.9	1%
10-20	1,239.0	8.8%	100-110	114.3	0.8%
20-30	1,844.0	13.0%	110-120	111.5	0.8%
30-40	2,163.0	15.3%	120-130	133.8	0.9%
40-50	2,212.5	15.6%	130-140	144.7	1%
50-60	2,076.9	14.7%	140-150	120.9	0.9%
60-70	1,742.6	12.3%	150-160	81.6	0.6%
70-80	1,106.4	7.8%	160-170	40.3	0.3%
80-90	422.9	3.0%	170-180	10.8	0.1%

Roadway Summary

Distribution:	TYPE III, VERY SHORT	
Max Cd, 90 Deg Vert:		344.0
Max Cd, 80 to <90 Deg:		1,080.0
	Lumens	% Lamp
Downward Street Side:	6,503.1	46%
Downward House Side:	6,742.2	47.7%
Downward Total:	13,245.3	93.7%
Upward Street Side:	491.4	3.5%
Upward House Side:	410.3	2.9%
Upward Total:	901.7	6.4%
Total Lumens:	14,147.0	100%

LCS Table

BUG Rating	**B3 - U4 - G3**	
Forward Light	Lumens	Lumens %
Low(0-30):	1,745.1	12.3%
Medium(30-60):	3,175.9	22.5%
High(60-80):	1,377.5	9.7%
Very High(80-90):	204.5	1.4%
Back Light		
Low(0-30):	1,772.3	12.5%
Medium(30-60):	3,279.1	23.2%
High(60-80):	1,472.3	10.4%
Very High(80-90):	218.5	1.5%
Uplight		
Low(90-100):	143.9	1%
High(100-180):	757.8	5.4%
Trapped Light:	0.000	0%

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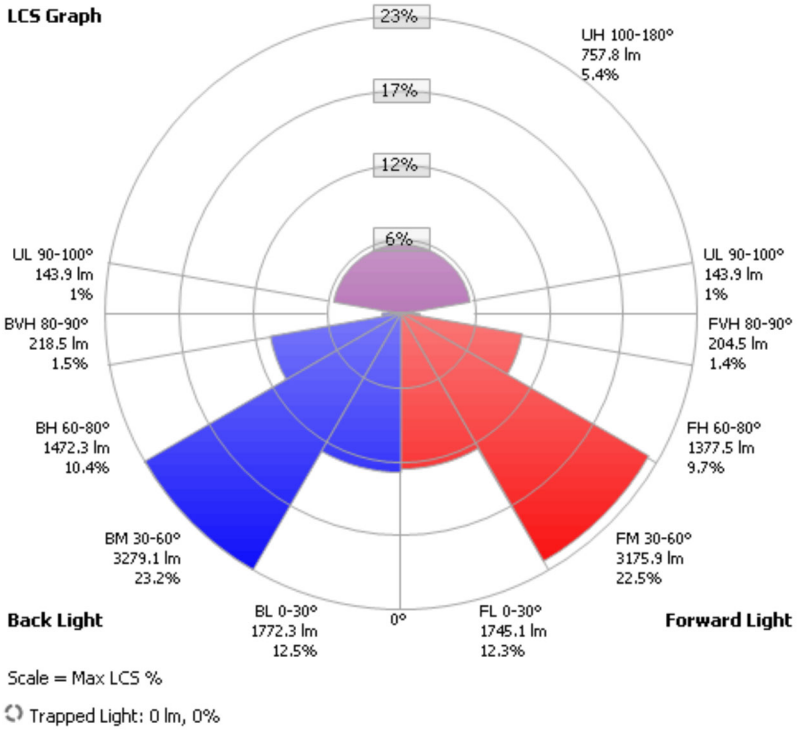

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Candela Table - Type C

	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180
0	**4593**	**4593**	**4593**	**4593**	**4593**	**4593**	**4593**	**4593**	**4593**	**4593**	**4593**	**4593**	**4593**	**4593**	**4593**	**4593**	**4593**	**4593**	**4593**
5	4551	4561	4573	4564	4558	4517	4519	4544	4568	4579	4585	4562	4535	4522	4569	4567	4571	4569	4570
10	4471	4488	4505	4507	4514	4477	4460	4459	4474	4497	4503	4474	4450	4457	4522	4535	4548	4556	4557
15	4416	4428	4432	4408	4379	4331	4340	4338	4329	4352	4355	4335	4344	4370	4458	4500	4532	4544	4542
20	4232	4252	4276	4284	4271	4185	4138	4149	4123	4141	4142	4145	4185	4265	4363	4376	4390	4387	4383
25	4022	4034	4046	4041	4035	3993	3917	3868	3850	3856	3858	3893	3994	4084	4148	4147	4162	4164	4164
30	3832	3826	3820	3786	3748	3692	3664	3561	3535	3524	3532	3612	3745	3799	3862	3900	3934	3945	3948
35	3671	3662	3640	3557	3451	3351	3330	3245	3164	3140	3164	3299	3424	3465	3578	3649	3713	3743	3745
40	3464	3457	3432	3341	3185	3017	2945	2889	2767	2728	2770	2947	3042	3142	3292	3410	3520	3567	3566
45	3282	3269	3215	3097	2922	2714	2546	2492	2342	2295	2359	2544	2656	2824	3031	3191	3291	3363	3382
50	3157	3132	3055	2890	2655	2408	2188	2063	1924	1874	1949	2115	2292	2526	2775	2970	3146	3280	3331
55	3031	2997	2877	2705	2441	2117	1845	1636	1528	1477	1552	1698	1942	2245	2537	2818	3037	3189	3226
60	2862	2835	2703	2492	2214	1860	1522	1277	1167	1119	1186	1325	1613	1973	2340	2645	2851	2998	3041
65	2585	2560	2441	2247	1961	1592	1224	963	845	806	861	1003	1310	1699	2095	2388	2586	2720	2767
70	2051	2052	1993	1868	1660	1309	949	695	574	547	586	723	1018	1410	1780	2027	2179	2229	2239
75	1515	1518	1481	1393	1223	978	694	471	361	337	370	490	743	1080	1337	1493	1600	1656	1670
80	974	979	970	932	817	628	423	281	199	177	202	293	465	686	901	1029	1066	1078	1077
85	567	565	548	505	426	310	198	122	80	66	80	127	217	356	483	555	578	580	577
90	344	341	322	279	209	126	62	32	22	18	21	30	64	132	214	271	298	305	307
95	248	247	235	199	148	86	44	28	23	21	23	26	42	84	143	186	209	210	209
100	220	217	205	176	135	92	59	40	37	27	33	38	56	88	129	161	178	182	183
105	177	175	170	156	131	99	71	61	52	33	42	52	67	95	122	140	146	147	147
110	151	148	144	136	122	103	92	96	68	39	53	77	79	94	112	122	126	128	129
115	136	135	132	129	124	124	144	118	82	46	63	89	111	105	110	115	117	118	119
120	134	134	138	142	152	183	158	137	91	56	70	95	124	150	126	123	119	117	117
125	155	155	162	182	228	199	183	146	98	66	74	109	144	152	179	167	134	132	132
130	202	211	241	274	219	227	192	151	102	76	80	112	128	187	174	191	208	204	196
135	296	292	257	240	253	237	188	147	106	88	81	99	145	168	218	214	188	195	196
140	272	276	285	273	260	224	190	142	104	99	73	96	134	173	189	239	248	249	248
145	299	298	290	273	247	217	176	135	120	108	88	99	123	164	198	192	229	251	258
150	290	290	279	261	236	203	161	125	126	116	98	95	117	151	186	215	230	228	229
155	273	270	259	241	214	182	144	120	129	120	106	90	121	133	164	194	213	227	231
160	241	238	228	209	182	153	130	136	131	123	110	103	107	136	145	159	178	191	193
165	186	183	176	162	151	132	132	132	132	126	114	104	100	113	138	154	158	157	160
170	133	133	132	128	128	130	129	129	126	121	114	105	100	97	98	104	111	115	117
175	124	124	123	122	122	121	121	117	113	110	107	104	99	96	93	90	89	89	90
180	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115	115

L122410306
VISUAL PHOTOMETRIC TOOL