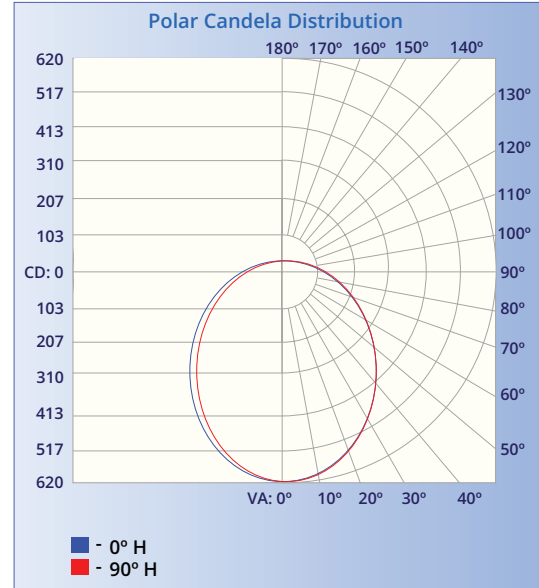


PHOTOMETRIC REPORT - LIT BAFL

Filename: L23PSF22LJ14W1400LDMV35K
Lamp: LED Module
Lamp Output: Total luminaire Lumens: 1512
Max Candela: 613.0 at Horizontal: 0°, Vertical: 0°
Input Wattage: 14
Luminous Opening: Rectangle w/Luminous Sides (L: 22.05", W: 3.15", H: 1.97")
Test: L23PSF22LJ14W1400LDMV35K
Test Date: 31-Aug-2022 06:57:47
Test Lab: Radiant Vision Systems ProSource
Photometry : Type C
Nema Type: 7 x 7



Roadway Summary

Cutoff Classification:	N/A	
Distribution	Type VS	
Mac Cd, 90 Deg Vert:	15.5	
Max Cd, 80 to < 90 Deg:	59.9	
	Lumens	% Lamp
Downward Street Side:	754.2	49.9%
Downward House Side:	756.3	50%
Downward Total:	1,510.5	99.9%
Upward Street Side:	0.7	0.1%
Upward House Side:	0.9	0.1%
Upward Total:	1.9	0.1%
Total Lumens:	1,512.4	100%

Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	455.9	30.2%
0-40	727.2	48.1%
0-60	1,221.3	80.8%
60-90	288.8	19.1%
70-100	124.1	8.2%
90-120	1.9	0.1%
0-90	1,510.1	99.9%
90-180	1.9	0.1%
0-180	1,512.0	100%

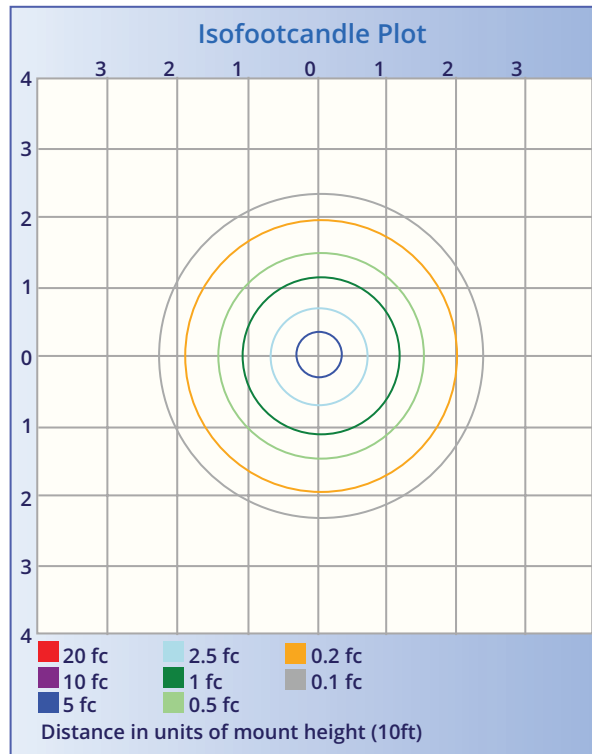
Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	97.4%	1,473.1	158.5	156.9
Beam (50%):	64.5%	975.5	96.7	100.6
Total:	100%	1,511.7		

Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	57.5	3.8%	90-100	1.9	0.1%
10-20	162.1	10.7%	100-110	0.0	0%
20-30	236.3	15.6%	110-120	0	0%
30-40	271.3	17.9%	120-130	0	0%
40-50	266.5	17.6%	130-140	0	0%
50-60	227.6	15.1%	140-150	0	0%
60-70	166.6	11.0%	150-160	0	0%
70-80	93.6	6.2%	160-170	0	0%
80-90	28.6	1.9%	170-180	0	0%

PHOTOMETRIC REPORT - LIT BAFL



Illuminance at a Distance

	Center Beam fc	Beam Width	
1.7ft	212 fc	4.1 ft	3.8 ft
3.3ft	56.3 fc	8.0 ft	7.4 ft
5.0ft	24.5 fc	12.1 ft	11.2 ft
6.7ft	13.7 fc	16.1 ft	15.1 ft
8.3ft	8.90 fc	20.0 ft	18.7 ft
10.0ft	6.13 fc	24.1 ft	22.5 ft

■ Vert. Spread: 100.6°
■ Horiz. Spread: 96.7°

Coefficients Of Utilization - Zonal Cavity Method

Effective Floor Cavity Reflectance: 20%

RCC %:	80				70				50				30				10				0
RW %:	70	50	30	0	70	50	30	0	50	30	20	50	30	20	50	30	20	50	30	20	0
RCR: 0	1.19	1.19	1.19	1.19	1.16	1.16	1.16	1.00	1.11	1.11	1.11	1.06	1.06	1.06	1.02	1.02	1.02	1.00	1.02	1.02	1.00
1	1.09	1.04	1.00	.96	1.06	1.02	.98	.85	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84	.90	.88	.86
2	.99	.91	.85	.79	.97	.90	.83	.72	.86	.81	.76	.83	.78	.75	.80	.76	.73	.71	.76	.73	.71
3	.91	.81	.73	.66	.89	.79	.72	.62	.76	.70	.65	.73	.68	.63	.71	.66	.62	.60	.66	.62	.60
4	.84	.72	.63	.57	.81	.70	.62	.54	.68	.61	.55	.66	.60	.55	.63	.58	.54	.52	.58	.54	.52
5	.77	.64	.56	.49	.75	.63	.55	.47	.61	.54	.48	.59	.53	.48	.57	.52	.47	.45	.52	.47	.45
6	.71	.58	.49	.43	.69	.57	.49	.42	.55	.48	.43	.54	.47	.42	.52	.46	.42	.40	.46	.42	.40
7	.66	.53	.44	.38	.64	.52	.44	.37	.51	.43	.38	.49	.42	.38	.48	.42	.37	.35	.42	.37	.35
8	.62	.48	.40	.34	.60	.48	.40	.33	.46	.39	.34	.45	.39	.34	.44	.38	.34	.32	.40	.34	.32
9	.58	.45	.36	.31	.56	.44	.36	.30	.43	.36	.31	.42	.35	.31	.41	.35	.30	.29	.38	.32	.29
10	.54	.41	.33	.28	.53	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.26	.36	.30	.26

PHOTOMETRIC REPORT - LIT BAFL

Candela Table - Type C

	0	10	20	30	40	50	60	70	80	90	100	110	120	130	140	150	160	170	180	190	200	210	220	230	240	250	260
0	613	613	613	613	613	613	613	613	613	613	613	613	613	613	613	613	613	613	613	613	613	613	613	613	613	613	613
3	611	611	611	611	611	611	611	611	611	611	611	612	612	612	612	613	612	612	612	612	611	611	611	611	611	611	612
6	606	606	607	607	606	606	606	607	607	608	608	609	609	609	610	610	610	608	607	606	605	603	603	602	604	605	606
9	599	600	600	599	599	599	600	601	602	603	602	602	602	602	602	602	602	600	599	597	595	592	590	590	592	594	595
12	589	590	590	590	591	590	591	593	594	595	593	592	591	592	593	591	590	589	588	587	585	583	581	581	582	581	581
15	576	576	578	579	578	579	579	581	582	583	581	580	580	582	582	581	578	575	574	574	575	573	569	569	569	568	565
18	560	562	562	564	563	565	565	566	567	566	567	566	566	568	568	568	565	563	560	561	561	560	555	553	551	550	548
21	543	545	546	548	547	548	550	550	549	547	548	550	549	548	550	550	550	548	546	545	544	544	538	534	533	532	530
24	524	526	527	526	527	528	529	530	529	526	527	530	529	528	528	528	530	530	530	526	522	519	516	513	511	511	509
27	502	505	505	506	506	507	507	506	506	505	504	507	509	506	507	508	507	509	509	505	498	495	493	490	488	487	485
30	479	482	483	485	483	483	483	481	482	481	481	483	484	481	483	485	483	487	485	483	475	472	468	464	463	465	459
33	455	459	460	462	460	459	457	456	457	454	456	456	457	457	461	461	457	463	463	456	450	451	446	441	437	439	433
36	430	435	435	437	433	434	432	432	431	425	430	430	433	435	438	439	430	435	439	427	422	428	422	418	412	412	405
39	404	410	411	408	406	407	403	406	405	401	403	406	405	409	411	411	408	405	414	400	399	401	394	393	385	386	379
42	378	382	383	382	381	379	376	376	375	376	374	377	377	380	382	384	385	376	387	374	376	373	367	364	359	357	352
45	353	354	355	355	355	351	350	347	346	350	346	347	349	353	352	353	360	349	360	347	351	343	338	336	331	328	326
48	326	326	328	327	327	323	324	320	319	322	318	322	323	327	326	324	333	324	332	320	325	313	312	309	305	301	300
51	297	300	299	301	302	297	298	293	294	294	293	297	297	299	301	299	301	300	303	296	294	289	287	283	279	274	274
54	268	273	276	272	275	273	269	268	266	267	267	271	270	271	271	272	274	272	274	270	267	263	259	257	252	249	248
57	243	246	249	245	248	248	241	242	240	240	241	244	245	244	243	246	245	246	247	244	237	237	232	232	226	223	222
60	218	220	219	219	218	220	214	216	215	214	214	217	217	217	216	218	218	220	220	217	210	207	206	204	199	198	195
63	192	193	194	194	189	192	190	191	190	190	188	192	190	188	189	192	194	194	193	191	188	181	180	176	174	174	170
66	164	165	166	169	166	166	167	167	164	166	164	167	166	165	165	167	166	166	165	163	161	157	155	151	149	149	146
69	138	138	140	139	142	141	142	143	139	142	141	142	141	141	141	139	141	139	138	136	135	131	128	126	125	124	122
72	113	114	115	114	118	119	119	120	118	118	121	119	118	117	120	116	117	113	112	110	111	107	106	103	103	102	101
75	89	90	90	92	93	97	96	96	97	98	99	98	96	96	97	93	91	88	87	85	85	83	83	83	82	82	80
78	65	66	67	72	71	74	75	75	77	78	77	76	76	74	75	72	67	64	63	62	62	62	62	62	62	62	60
81	46	47	51	54	55	58	58	60	60	60	59	59	57	55	54	51	47	41	39	38	40	41	41	40	40	42	39
84	27	29	30	35	35	38	40	41	43	41	42	40	39	37	35	33	28	25	22	22	22	24	24	24	26	26	25
87	12	13	14	16	20	21	23	24	26	27	26	24	23	21	20	17	13	12	8	9	9	10	12	12	14	12	14
90	3	3	4	6	7	9	12	12	11	15	15	12	10	9	9	6	4	3	1	1	2	4	6	7	8	7	8
93	0	0	0	1	1	1	2	2	2	2	2	3	3	2	2	1	1	0	0	0	1	2	3	4	4	6	4
96	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1
99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
102	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
108	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
111	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
114	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PHOTOMETRIC REPORT - LIT BAFL

120	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
123	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
126	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
129	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
132	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
138	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
141	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
144	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
147	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
153	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
156	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
159	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
162	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
168	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
171	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
174	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
177	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

PHOTOMETRIC REPORT - LIT BAFL

Luminaire Report Summary

IESNA:LM-63-2002

[TEST] L23PSF22LJ14W1400LDMV35K

[TESTDATE] 31-Aug-2022 06:57:47

[TESTLAB] Radiant Vision Systems ProSource

[ISSUEDATE] 8/31/2022 7:50:26 AM

[MANUFAC] SAYLITE-TEXAS FLUORESCENTS REINVENTED

[LAMP] LED Module

[_TOTALLUMINAIRELUMENS] 1512

[_DRIVER TYPE] (1) OSRAM OT30W_300MA.

[_BOARD/LAMP TYPE] (1) "J" BOARDS_3500K

[_COLOR TEMP] 3692 CCT

[_LUMEN/WATT] 108 LPW

[_CRI] 85.6

[_NUMBEROFRAYS]10000000

[OTHER] Absolute Photometry measurement

FILE: CREATED USING ABSOLUTE PHOTOMETRY

FILE: CANDELA MULTIPLIER: 0.69548

FILE: VERTICAL ANGLES: 61, HORIZONTAL ANGLES: 37

FILE: COORDINATE SYSTEM: TYPE C

FILE: UNIT OF MEASURE: METRIC

FILE: BALLAST FACTOR: 1