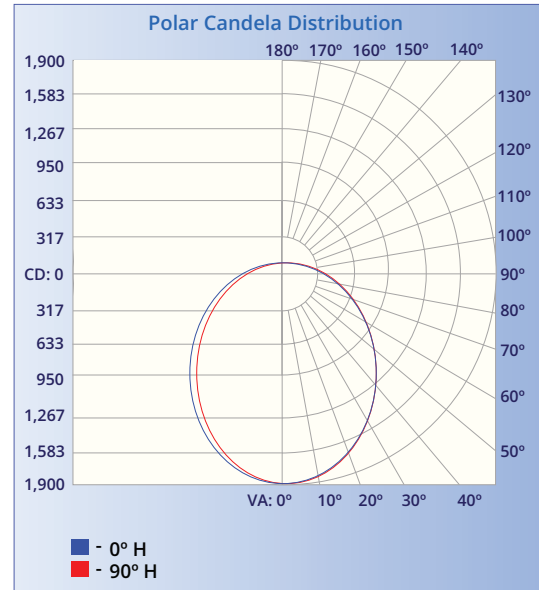


## PHOTOMETRIC REPORT - LIT BAFL

**Filename:** L23PSF66LJ42W4200LDMV35K  
**Lamp:** LED Module  
**Lamp Output:** Total luminaire Lumens: 4536  
**Max Candela:** 1,839.1 at Horizontal: 0°, Vertical: 0°  
**Input Wattage:** 42  
**Luminous Opening:** Rectangle w/Luminous Sides (L: 66.14", W: 3.15", H: 1.97")  
**Test:** L23PSF66LJ42W4200LDMV35K  
**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:	46.5	
Max Cd, 80 to < 90 Deg:	179.8	
	Lumens	% Lamp
Downward Street Side:	2,262.5	49.9%
Downward House Side:	2,269.0	50%
Downward Total:	4,531.5	99.9%
Upward Street Side:	2.6	0.1%
Upward House Side:	3.0	0.1%
Upward Total:	5.6	0.1%
Total Lumens:	4,537.1	100%

### Zonal Lumen Summary

Zone	Lumens	% Luminaire
0-30	1,367.7	30.2%
0-40	2,181.6	48.1%
0-60	3,663.9	80.8%
60-90	866.5	19.1%
70-100	372.4	8.2%
90-120	5.6	0.1%
0-90	4,530.4	99.9%
90-180	5.6	0.1%
0-180	4,536.0	100%

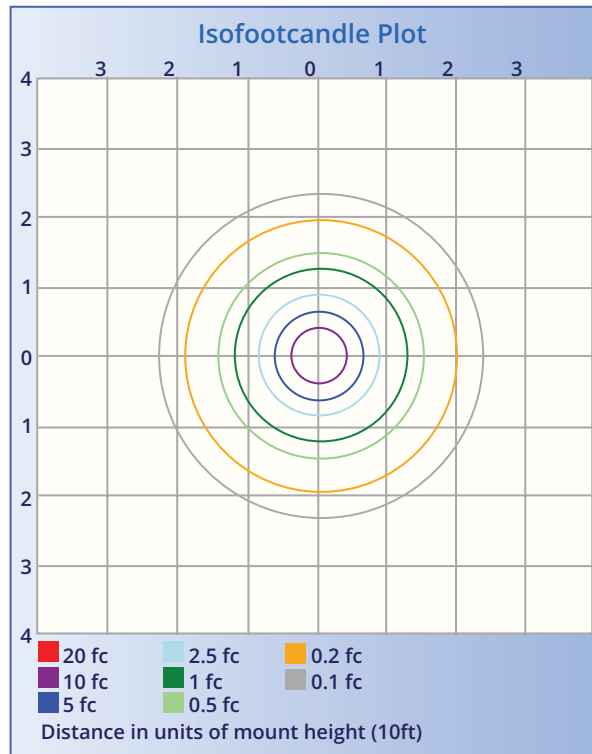
### Flood Summary

	Efficiency	Lumens	Horizontal Spread	Vertical Spread
Field (10%):	97.4%	4,419.3	158.5	156.9
Beam (50%):	64.5%	2,926.6	96.7	100.6
Total:	100%	4,535.2		

### Lumens Per Zone

Zone	Lumens	% Total	Zone	Lumens	% Total
0-10	172.4	3.8%	90-100	5.6	0.1%
10-20	486.4	10.7%	100-110	0.0	0%
20-30	708.9	15.6%	110-120	0	0%
30-40	814.0	17.9%	120-130	0	0%
40-50	799.4	17.6%	130-140	0	0%
50-60	682.9	15.1%	140-150	0	0%
60-70	499.7	11.0%	150-160	0	0%
70-80	280.9	6.2%	160-170	0	0%
80-90	85.9	1.9%	170-180	0	0%

## PHOTOMETRIC REPORT - LIT BAFL



**Illuminance at a Distance**

	Center Beam fc	Beam Width	
1.7ft	636fc	4.1 ft	3.8 ft
3.3ft	169 fc	8.0 ft	7.4 ft
5.0ft	73.6 fc	12.1 ft	11.2 ft
6.7ft	41.0 fc	16.1 ft	15.1 ft
8.3ft	26.7 fc	20.0 ft	18.7 ft
10.0ft	18.4 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	1.09	1.04	1.00	.96	1.06	1.02	.98	.85	.98	.95	.92	.94	.91	.89	.90	.88	.86	.84			
2	.99	.91	.85	.79	.97	.90	.83	.72	.86	.81	.76	.83	.78	.75	.80	.76	.73	.71			
3	.91	.81	.73	.66	.89	.79	.72	.62	.76	.70	.65	.73	.68	.63	.71	.66	.62	.60			
4	.84	.72	.63	.57	.81	.70	.62	.54	.68	.61	.55	.66	.60	.55	.63	.58	.54	.52			
5	.77	.64	.56	.49	.75	.63	.55	.47	.61	.54	.48	.59	.53	.48	.57	.52	.47	.45			
6	.71	.58	.49	.43	.69	.57	.49	.42	.55	.48	.43	.54	.47	.42	.52	.46	.42	.40			
7	.66	.53	.44	.38	.64	.52	.44	.37	.51	.43	.38	.49	.42	.38	.48	.42	.37	.35			
8	.62	.48	.40	.34	.60	.48	.40	.33	.46	.39	.34	.45	.39	.34	.44	.38	.34	.32			
9	.58	.45	.36	.31	.56	.44	.36	.30	.43	.36	.31	.42	.35	.31	.41	.35	.30	.29			
10	.54	.41	.33	.28	.53	.41	.33	.28	.40	.33	.28	.39	.32	.28	.38	.32	.28	.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
0	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839	1839
3	1832	1832	1832	1833	1832	1832	1832	1833	1833	1834	1834	1835	1836	1837	1837	1838	1837	1837	1836	1835	1833	1834
6	1818	1819	1821	1821	1819	1818	1819	1820	1821	1823	1824	1826	1828	1828	1830	1830	1829	1825	1822	1817	1814	1810
9	1797	1799	1801	1798	1797	1797	1799	1803	1806	1808	1807	1806	1806	1806	1806	1805	1805	1801	1798	1791	1785	1776
12	1768	1770	1771	1771	1773	1771	1773	1778	1783	1784	1780	1775	1774	1777	1779	1773	1769	1766	1764	1760	1755	1748
15	1728	1729	1735	1736	1735	1736	1738	1742	1745	1748	1744	1740	1739	1746	1746	1742	1735	1726	1722	1722	1725	1718
18	1680	1686	1686	1692	1690	1694	1696	1698	1701	1699	1702	1699	1697	1703	1703	1703	1696	1690	1679	1683	1684	1681
21	1629	1635	1638	1643	1642	1644	1649	1651	1647	1641	1645	1650	1646	1645	1649	1651	1649	1645	1638	1635	1633	1631
24	1573	1579	1582	1579	1581	1584	1588	1591	1586	1578	1580	1589	1587	1583	1584	1585	1590	1591	1590	1578	1566	1556
27	1507	1516	1516	1518	1519	1521	1522	1517	1518	1515	1512	1520	1526	1518	1521	1523	1520	1528	1527	1516	1493	1484
30	1436	1446	1449	1454	1450	1450	1449	1444	1445	1444	1442	1448	1451	1442	1450	1455	1448	1461	1456	1448	1424	1417
33	1364	1376	1381	1386	1380	1378	1372	1368	1370	1361	1368	1368	1372	1372	1383	1384	1370	1388	1388	1368	1350	1352
36	1291	1305	1306	1312	1300	1302	1295	1295	1294	1276	1290	1290	1298	1304	1313	1316	1291	1306	1318	1280	1267	1285
39	1213	1229	1232	1225	1218	1222	1210	1218	1215	1202	1209	1217	1214	1227	1233	1234	1223	1216	1241	1200	1197	1202
42	1135	1146	1150	1147	1144	1138	1129	1128	1126	1129	1122	1130	1130	1141	1147	1152	1155	1127	1161	1123	1127	1120
45	1058	1061	1066	1064	1064	1054	1050	1041	1039	1049	1037	1042	1047	1059	1056	1060	1080	1048	1081	1042	1053	1028
48	977	977	984	981	982	970	971	961	957	965	954	966	970	980	978	972	1000	973	997	961	976	939
51	890	900	897	904	906	892	893	879	882	882	878	890	891	896	903	898	904	899	909	887	883	867
54	805	818	829	817	825	819	806	803	799	801	800	812	809	812	812	817	823	817	822	809	801	789
57	729	738	747	735	744	744	722	727	721	720	723	731	735	733	728	738	736	738	741	732	711	710
60	655	660	657	656	654	661	641	648	645	643	641	652	650	650	649	655	653	660	661	652	630	622
63	575	579	582	582	567	576	571	574	570	570	563	577	571	564	566	576	583	582	578	573	565	542
66	492	494	498	507	498	498	500	502	492	498	491	500	497	494	494	502	499	499	494	490	484	472
69	414	415	421	417	426	422	426	430	418	425	424	425	423	423	423	418	423	417	414	408	406	393
72	340	342	346	342	353	356	357	359	353	354	362	358	354	351	360	347	350	338	337	329	333	320
75	267	269	271	276	278	291	288	289	290	293	296	293	289	287	292	279	272	264	261	254	256	249
78	196	197	202	215	212	223	224	225	230	233	230	229	229	223	224	215	202	193	188	185	186	186
81	138	140	153	163	166	173	174	180	179	180	176	177	170	165	163	153	142	122	117	113	121	122
84	80	87	91	104	106	113	120	122	128	124	126	121	118	112	105	99	85	75	65	67	67	72
87	35	39	42	48	61	64	70	71	77	80	79	72	68	63	60	51	40	35	24	28	28	31
90	8	9	12	18	22	28	35	35	34	46	45	35	31	28	26	19	13	9	2	4	7	11
93	0	1	1	2	2	3	5	7	6	7	7	8	8	6	5	4	2	1	1	1	3	5
96	0	0	0	0	0	0	0	1	0	1	0	1	1	0	0	0	0	0	0	0	0	0
99	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
105	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
111	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
117	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120	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

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123	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
129	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
135	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
141	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
147	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
153	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
159	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
165	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
171	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
177	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

## PHOTOMETRIC REPORT - LIT BAFL

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### Luminaire Report Summary

IESNA:LM-63-2002

[TEST] L23PSF66LJ42W4200LDMV35K

[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] 4536

[\_DRIVER TYPE] (1) OSRAM OT30W\_900MA.

[\_BOARD/LAMP TYPE] (3) "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: 2.08645

FILE: VERTICAL ANGLES: 61, HORIZONTAL ANGLES: 37

FILE: COORDINATE SYSTEM: TYPE C

FILE: UNIT OF MEASURE: METRIC