

IES ROAD REPORT
PHOTOMETRIC FILENAME : 5748

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST]
[DATE] 2008-05-10
[LUMCAT] SENSING08-0510-01
[LUMINAIRE] 5748 WITH 1 54W FLUORESCENT LAMP
[LAMP] 54W HO FLUORESCENT LAMP
[LAMP] T5 54W

CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Very Short
Cutoff Classification (deprecated)	Cutoff
Lumens Per Lamp	5000 (1 lamp)
Total Lamp Lumens	5000
Luminaire Lumens	3117
Total Luminaire Efficiency	62 %
Downward Total Efficiency	62 %
Upward Waste Light Ratio	0.01
Maximum Candela	926.643
Maximum Candela Angle	90H 27V
Maximum Candela At 90 Degrees Vertical	14.887 (0.3% Lamp Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	99.274 (2.0% Lamp Lumens)
Total Luminaire Watts	34.4
Ballast Factor	1.00

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	369.4	7.4	11.9
FM - Front-Medium (30-60)	828.5	16.6	26.6
FH - Front-High (60-80)	298.1	6.0	9.6
FVH - Front-Very High (80-90)	15.1	0.3	0.5
BL - Back-Low (0-30)	372.0	7.4	11.9
BM - Back-Medium (30-60)	846.9	16.9	27.2
BH - Back-High (60-80)	326.2	6.5	10.5
BVH - Back-Very High (80-90)	19.3	0.4	0.6
UL - Uplight-Low (90-100)	7.6	0.2	0.2
UH - Uplight-High (100-180)	33.8	0.7	1.1
Total	3116.9	62.4	100.0
BUG Rating	B1-U2-G1		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>30</u>	<u>60</u>	<u>90</u>	<u>120</u>	<u>150</u>	<u>180</u>	<u>210</u>	<u>240</u>	<u>270</u>
0	909.866	909.866	909.866	909.866	909.866	909.866	909.866	909.866	909.866	909.866
1	902.263	908.295	909.380	911.103	911.103	916.496	903.125	908.087	910.033	910.464
2	902.263	907.656	909.811	910.895	910.241	915.857	903.556	908.726	910.464	910.464
3	901.179	907.003	909.602	910.672	910.672	915.857	902.263	908.295	909.602	911.326
4	899.664	905.279	909.811	910.672	910.464	915.426	901.610	907.656	909.602	911.103
5	897.078	904.195	908.949	911.757	911.326	915.204	900.539	906.363	909.602	911.326
6	895.785	902.694	909.380	913.049	910.672	913.480	900.094	906.363	910.672	911.326
7	893.631	901.179	909.171	912.618	910.672	912.396	897.301	905.071	909.811	911.534
8	891.254	900.317	909.811	913.911	910.464	911.103	895.563	903.556	909.602	912.396
9	887.154	897.940	908.726	914.342	911.326	910.241	893.200	901.610	909.380	912.827
10	884.346	895.132	908.726	916.066	911.326	908.518	891.032	900.539	909.811	911.965
11	881.107	892.978	907.865	916.288	911.534	905.932	887.154	898.371	909.171	912.396
12	877.660	890.823	907.865	916.496	910.464	903.764	884.777	896.439	909.171	913.049
13	872.475	888.446	907.225	916.496	910.033	901.832	880.676	893.200	907.434	914.564
14	868.597	884.999	906.363	917.803	909.171	899.233	877.437	891.463	907.225	915.426
15	863.843	882.191	905.279	918.234	909.380	895.785	872.475	888.238	907.003	916.066
16	859.312	878.522	905.279	919.958	908.087	892.547	868.806	885.861	905.710	916.066
17	854.350	875.714	904.640	920.166	907.434	889.961	863.204	881.969	905.932	915.857
18	848.303	872.044	904.848	921.250	907.865	886.931	858.672	878.953	905.710	917.372
19	841.617	868.375	903.125	921.250	907.656	882.400	853.710	874.852	905.071	916.927
20	836.015	862.551	902.040	922.112	906.794	878.299	848.095	871.613	904.848	916.288
21	829.969	858.450	900.094	921.681	904.848	874.421	841.186	866.873	903.125	916.719
22	822.838	853.710	899.455	922.334	903.556	870.112	835.571	863.204	901.401	917.803
23	814.860	849.387	898.162	922.974	902.471	864.705	828.454	857.588	900.748	917.803
24	807.743	843.563	897.078	925.128	901.610	859.534	822.407	853.488	899.024	915.857
25	800.612	837.739	894.493	925.559	899.664	855.003	814.429	848.525	897.509	914.995
26	792.634	832.777	892.769	925.782	898.802	850.041	807.312	844.425	896.008	913.272
27	783.140	827.814	891.907	926.643	897.731	843.994	799.319	838.809	895.132	912.827
28	775.801	822.199	890.170	925.351	897.509	837.517	792.203	833.639	892.769	911.757
29	766.515	817.237	889.100	923.196	895.355	832.346	782.709	828.676	890.170	910.033
30	757.675	810.551	884.777	922.543	894.493	827.161	775.147	823.922	886.069	908.518
31	749.252	804.073	881.107	920.819	890.823	821.337	766.085	817.237	883.053	908.518
32	738.896	798.027	878.091	920.388	887.807	813.998	757.022	810.551	879.814	907.434
33	728.110	791.549	875.714	919.958	884.346	808.382	746.666	804.713	877.437	906.572
34	717.963	784.210	872.267	918.012	881.969	801.474	736.519	798.458	873.128	905.071
35	708.261	776.023	869.667	917.372	878.091	794.580	727.248	790.688	870.543	904.417
36	697.252	769.546	865.358	916.496	875.074	788.102	717.532	782.709	867.304	903.556
37	684.950	761.776	862.981	916.496	872.044	779.679	705.661	776.232	864.705	902.471
38	674.595	754.659	860.396	915.857	869.667	771.478	695.959	768.892	860.605	899.886
39	662.502	745.804	857.588	914.342	866.220	763.930	683.866	760.914	858.019	899.024
40	650.854	738.896	853.710	913.272	862.551	756.813	672.857	752.282	854.350	895.563
41	637.690	730.056	850.680	913.049	859.743	748.612	659.916	744.943	851.333	893.409
42	626.473	722.286	848.303	910.241	857.380	739.327	649.130	736.742	847.664	890.170
43	612.656	713.223	843.994	906.141	854.572	731.988	635.744	728.110	843.132	885.861
44	599.493	705.661	838.170	900.748	851.542	723.356	623.665	719.047	838.170	879.606
45	587.192	695.306	833.208	896.439	845.509	714.946	611.572	707.607	833.847	873.768
46	573.806	685.159	826.077	891.685	839.463	704.799	597.547	697.460	828.676	865.358
47	558.488	675.457	819.822	884.999	833.847	695.959	583.091	688.397	822.838	856.504
48	545.978	665.740	812.483	878.299	827.592	684.728	570.581	678.904	815.513	847.233
49	530.646	654.301	802.989	866.873	819.822	674.595	556.764	667.256	808.813	834.931
50	516.190	644.807	793.926	855.865	811.190	664.879	541.655	657.970	801.043	821.976
51	500.650	633.590	782.278	844.856	802.558	653.661	525.906	646.753	790.688	807.743
52	484.262	623.874	770.185	833.416	792.203	641.360	512.312	636.606	777.524	792.203

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CANDELA TABULATION - (Cont.)

53	470.445	611.572	755.729	818.529	780.332	630.573	497.425	625.166	766.085	777.955
54	454.474	600.355	742.357	802.989	765.876	619.996	481.663	608.556	752.282	758.968
55	439.796	589.568	724.218	786.587	751.198	607.903	464.399	604.233	736.950	743.219
56	424.047	577.475	706.315	770.616	736.311	594.962	450.165	593.669	721.424	723.578
57	406.783	564.104	689.051	749.252	718.825	582.229	433.972	581.367	701.992	703.298
58	389.297	551.802	667.256	725.733	699.406	570.581	417.139	570.790	682.365	680.196
59	374.202	539.501	643.083	701.992	681.712	558.057	399.236	556.973	662.502	656.038
60	357.577	525.684	617.841	678.042	658.193	544.463	384.126	544.032	643.737	632.506
61	339.883	509.074	594.308	650.423	633.367	531.953	366.863	528.923	620.204	610.710
62	321.326	492.241	566.481	623.443	607.263	515.759	349.599	515.759	595.823	584.175
63	306.008	475.630	540.585	597.339	583.313	499.357	333.836	498.287	571.651	558.280
64	287.883	455.767	511.450	563.881	552.233	482.316	315.071	480.592	548.341	524.183
65	270.619	432.902	480.370	526.115	522.668	465.261	296.946	458.797	521.375	487.918
66	254.856	411.746	446.273	492.018	496.772	444.119	279.251	439.157	492.672	453.613
67	236.522	385.419	408.938	450.374	464.190	419.947	263.280	414.762	466.123	414.984
68	218.174	359.301	376.787	410.662	428.148	397.929	244.501	392.758	434.403	374.841
69	201.341	331.251	339.452	375.064	395.344	371.603	226.153	367.502	399.236	335.574
70	183.855	307.079	302.978	335.351	357.800	344.206	210.404	340.314	367.724	298.016
71	168.968	278.598	271.258	296.292	319.811	315.280	193.571	312.472	330.181	265.657
72	151.705	251.618	237.384	260.250	283.991	291.108	175.446	288.522	294.569	230.684
73	136.164	227.668	205.220	231.769	252.480	262.627	158.404	261.765	259.388	197.672
74	121.277	202.203	177.823	202.203	219.467	236.300	143.726	234.145	230.253	172.429
75	108.337	175.877	154.735	173.291	189.262	212.128	128.617	211.697	197.463	147.396
76	94.520	154.512	131.855	148.897	163.144	187.316	112.868	186.663	168.329	126.462
77	83.303	130.771	113.730	129.909	141.141	161.421	100.344	162.936	142.642	110.700
78	70.139	109.838	95.813	112.437	119.985	137.679	86.110	138.972	122.793	93.867
79	59.131	89.989	80.703	96.674	100.775	117.830	74.017	116.968	102.512	78.771
80	49.206	74.879	69.055	84.804	87.181	98.190	63.440	99.274	88.473	67.332
81	41.005	59.339	58.908	71.210	73.809	82.218	52.876	81.788	73.378	56.545
82	31.720	47.260	48.344	59.561	62.800	66.470	42.075	67.540	61.285	46.398
83	24.381	37.544	37.766	49.414	52.876	51.791	34.319	52.876	50.930	36.682
84	18.126	28.273	31.080	40.143	42.298	41.867	26.549	40.574	41.213	30.219
85	13.163	20.280	24.172	31.942	32.804	31.942	20.072	31.511	31.720	24.172
86	7.548	14.887	19.641	26.327	26.757	24.811	13.163	23.741	25.034	19.210
87	4.754	10.578	16.402	21.364	21.156	17.486	8.854	16.402	19.418	15.749
88	2.154	7.979	13.594	18.348	17.917	13.163	5.393	11.440	15.109	12.079
89	1.084	6.686	12.524	15.540	15.971	8.854	2.377	7.117	11.440	9.925
90	0.653	5.824	12.732	14.887	14.025	7.770	1.293	6.046	9.494	9.925
91	0.862	5.393	11.871	14.678	12.955	5.824	0.431	4.531	9.063	9.716
92	1.293	4.323	10.355	15.540	12.955	5.393	1.084	4.323	8.632	8.632
93	0.653	4.323	9.063	14.247	11.217	5.185	1.293	5.185	8.201	9.716
94	1.515	5.393	8.854	12.079	9.925	5.824	0.431	4.323	8.201	9.716
95	1.515	5.616	9.716	10.786	9.285	6.046	1.293	4.100	8.854	9.063
96	0.862	5.824	9.716	11.217	8.854	5.616	1.293	4.962	7.548	8.632
97	1.724	6.046	11.217	11.440	10.578	6.908	1.293	4.531	7.339	8.201
98	1.946	6.908	11.648	11.440	10.786	7.117	1.084	4.962	7.770	8.854
99	1.515	6.046	11.440	11.217	11.440	7.117	1.293	5.185	7.339	7.979
100	1.946	6.046	10.147	11.217	11.009	6.908	1.946	5.616	7.548	8.201
101	2.154	6.477	11.009	12.079	11.217	6.477	1.293	5.185	7.770	9.285
102	2.377	5.824	11.009	12.079	10.355	7.117	2.154	5.185	8.423	8.632
103	1.946	5.393	10.786	11.009	10.578	5.824	2.154	5.616	7.548	8.423
104	2.154	5.185	10.786	11.009	10.786	5.824	1.946	4.531	7.548	8.854
105	3.016	5.393	11.009	11.648	11.871	5.393	1.946	4.100	8.854	9.285
106	2.377	4.531	11.648	12.524	12.079	5.393	1.946	4.962	8.201	8.632
107	2.377	4.323	10.786	12.955	11.440	4.323	2.808	3.670	8.201	8.854
108	3.447	4.962	10.147	12.301	10.578	4.100	2.154	4.323	8.201	9.716

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CANDELA TABULATION - (Cont.)

109	3.016	3.892	8.854	12.079	10.578	4.962	3.016	4.100	8.201	8.632
110	3.239	3.892	8.423	12.079	9.716	4.100	3.016	3.670	7.770	8.201
111	3.447	4.323	8.423	11.440	8.201	3.892	3.016	3.447	6.477	8.423
112	3.892	4.323	7.117	9.494	7.979	3.892	2.808	3.447	6.908	7.770
113	3.447	4.100	7.770	9.063	7.548	4.323	2.808	3.892	5.824	7.548
114	4.531	3.670	6.686	8.632	7.339	4.323	3.892	3.016	5.616	6.686
115	4.754	4.323	6.686	7.979	6.477	3.239	3.016	3.016	5.824	7.339
116	3.892	4.323	6.686	6.908	7.117	3.892	3.892	3.892	5.824	6.255
117	4.754	3.239	6.686	7.548	6.908	3.447	4.100	3.016	5.824	6.046
118	4.754	4.100	6.477	7.339	6.046	3.447	4.100	3.016	5.393	7.117
119	4.531	3.892	6.046	6.255	6.255	3.239	4.323	3.670	6.255	6.908
120	4.754	3.670	6.908	7.117	6.255	3.892	3.892	3.670	6.686	7.548
121	4.962	3.447	7.117	6.908	6.686	3.892	4.962	4.100	6.686	8.632
122	5.616	4.323	6.477	6.908	6.255	3.239	4.100	4.100	9.063	10.786
123	4.962	4.323	7.979	7.339	6.686	4.323	4.323	4.754	9.925	11.009
124	6.046	3.670	9.285	8.201	9.063	4.100	5.185	4.100	9.716	11.009
125	6.255	4.531	9.925	10.786	9.716	3.892	5.185	4.100	8.632	11.009
126	5.616	4.531	10.147	12.301	10.578	3.892	5.393	4.962	8.201	10.578
127	6.255	3.892	9.285	12.955	9.494	4.100	4.962	4.100	8.854	10.578
128	6.255	3.670	8.632	11.440	9.285	3.892	6.046	4.100	7.770	9.285
129	6.477	4.100	7.548	9.716	8.632	3.016	6.046	4.323	7.979	9.716
130	6.046	4.323	8.201	7.770	7.117	3.892	5.185	4.531	7.770	9.494
131	6.255	3.239	7.979	7.548	7.548	4.100	6.046	4.531	7.339	8.632
132	7.117	3.447	7.117	8.201	7.117	3.239	6.046	3.892	6.908	9.063
133	6.255	4.323	7.548	7.548	7.339	4.100	6.255	4.754	6.908	8.632
134	6.477	3.670	7.339	7.339	6.908	3.670	5.824	3.892	7.548	7.979
135	7.548	3.892	7.548	7.548	7.979	3.670	6.908	3.892	6.046	7.117
136	6.908	3.892	7.339	8.201	8.201	3.670	6.908	4.323	6.686	7.979
137	6.908	4.323	7.548	8.632	7.548	3.670	6.255	4.323	6.686	7.979
138	7.548	3.670	8.632	8.201	8.201	4.323	6.686	4.531	6.686	7.339
139	7.548	3.670	7.770	9.494	8.201	3.447	7.117	3.670	6.477	7.339
140	7.339	5.185	8.632	9.063	8.423	4.531	7.117	4.754	6.686	8.201
141	7.548	5.185	8.423	9.285	7.770	5.185	6.686	4.754	7.548	8.423
142	8.423	5.185	7.979	9.925	8.423	4.754	7.770	4.531	6.686	8.201
143	8.423	5.616	8.201	9.925	8.423	5.616	7.979	4.962	6.908	8.423
144	7.770	6.046	7.548	10.147	7.339	5.616	7.339	4.754	7.548	9.285
145	8.854	6.046	7.979	9.494	7.548	5.185	7.339	5.393	7.117	8.854
146	8.854	5.185	6.908	9.925	7.339	5.393	7.770	4.323	7.117	8.854
147	8.201	6.255	7.339	9.716	7.339	5.393	8.423	4.531	6.908	8.423
148	8.854	6.255	7.117	8.423	6.255	5.616	7.548	5.185	7.339	7.979
149	8.854	5.616	6.046	8.632	6.046	5.185	7.770	4.754	6.477	8.423
150	8.423	6.046	6.255	8.201	6.686	6.046	8.632	4.754	6.046	7.548
151	8.632	6.046	5.824	7.548	5.616	6.046	8.201	4.531	6.908	7.117
152	9.285	5.824	6.046	6.908	5.616	5.185	8.423	5.185	6.046	7.979
153	8.201	5.824	6.046	7.117	5.824	6.255	8.201	4.100	5.824	7.548
154	9.285	6.686	6.477	6.908	5.824	6.477	9.063	4.100	5.824	6.477
155	9.285	6.046	6.686	5.824	5.393	5.616	7.979	4.754	6.477	6.908
156	8.632	5.824	5.824	6.477	5.824	6.477	7.979	4.754	6.477	6.046
157	8.632	6.686	5.824	6.477	6.686	6.255	8.632	4.100	5.616	6.477
158	9.063	6.908	6.686	5.616	5.824	6.046	8.632	4.100	6.477	6.686
159	9.063	6.686	6.477	6.477	6.046	6.255	8.854	4.962	5.393	6.686
160	9.063	6.477	6.255	6.477	6.477	6.255	8.423	4.100	5.393	6.477
161	9.063	7.548	6.477	6.477	6.686	6.686	9.494	4.323	5.824	6.046
162	10.147	7.548	7.339	6.255	6.908	6.046	9.716	4.754	5.616	6.686
163	9.285	6.908	6.686	6.477	6.477	7.117	9.063	5.185	5.616	6.477
164	9.494	7.770	6.686	7.117	7.548	7.339	9.716	5.616	4.962	5.616

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CANDELA TABULATION - (Cont.)

165	10.355	7.979	7.979	6.477	6.908	6.686	9.925	5.185	5.824	6.477
166	10.147	7.979	7.548	6.686	6.908	7.770	10.147	6.686	5.616	5.616
167	10.147	7.979	7.548	7.770	7.770	7.979	9.494	6.908	4.754	5.616
168	10.355	9.063	7.770	7.339	7.770	7.548	9.716	6.686	5.616	6.477
169	11.009	9.494	8.423	7.979	7.770	8.423	10.786	7.339	5.616	6.477
170	10.147	8.854	7.770	7.979	7.339	8.854	10.578	7.770	5.185	6.477
171	10.147	10.147	7.979	7.979	8.423	9.063	10.578	8.632	5.824	6.686
172	11.009	10.578	9.285	7.548	8.632	9.285	10.578	8.201	6.255	6.255
173	11.009	10.786	8.854	6.686	8.423	10.147	11.440	9.716	7.339	6.686
174	10.786	10.578	9.716	7.770	9.285	10.786	10.578	10.147	7.339	6.255
175	10.578	11.871	10.147	7.548	9.494	10.355	11.009	9.925	9.063	7.548
176	11.440	11.871	10.786	7.979	9.925	11.440	10.786	10.147	9.716	6.908
177	11.440	12.079	11.217	9.716	10.147	11.648	11.648	10.355	9.285	7.117
178	11.217	12.079	11.648	9.716	10.578	11.871	11.648	11.440	10.355	8.201
179	11.648	11.217	10.786	11.217	11.871	11.217	11.440	10.786	10.786	11.217
180	11.387	11.387	11.387	11.387	11.387	11.387	11.387	11.387	11.387	11.387

Vert. Angles **Horizontal Angles**

	300	330	360
0	909.866	909.866	909.866
1	910.895	915.426	902.263
2	910.033	914.995	902.263
3	910.464	914.773	901.179
4	910.241	913.480	899.664
5	910.241	912.396	897.078
6	909.380	910.464	895.785
7	909.380	909.380	893.631
8	908.295	907.003	891.254
9	908.726	905.279	887.154
10	908.087	902.263	884.346
11	907.434	900.539	881.107
12	905.932	898.162	877.660
13	905.279	895.132	872.475
14	905.071	891.254	868.597
15	904.848	888.446	863.843
16	903.986	884.777	859.312
17	902.902	881.107	854.350
18	902.263	876.145	848.303
19	901.610	872.267	841.617
20	900.317	868.166	836.015
21	899.024	863.412	829.969
22	896.647	858.881	822.838
23	895.132	852.626	814.860
24	894.493	847.664	807.743
25	892.978	842.910	800.612
26	890.823	836.446	792.634
27	887.584	831.693	783.140
28	884.568	825.868	775.801
29	881.760	820.044	766.515
30	878.744	814.206	757.675
31	874.421	806.450	749.252
32	871.613	799.542	738.896
33	868.166	792.842	728.110
34	865.567	785.517	717.963
35	862.551	776.662	708.261

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CANDELA TABULATION - (Cont.)

36	858.672	768.461	697.252
37	855.003	761.345	684.950
38	852.404	753.575	674.595
39	848.956	744.289	662.502
40	845.287	736.742	650.854
41	840.324	727.248	637.690
42	837.086	717.963	626.473
43	832.554	706.523	612.656
44	828.023	697.252	599.493
45	821.337	686.896	587.192
46	816.375	676.749	573.806
47	809.244	667.464	558.488
48	801.696	655.816	545.978
49	791.980	645.460	530.646
50	782.487	634.882	516.190
51	769.977	625.820	500.650
52	757.022	613.949	484.262
53	741.495	603.594	470.445
54	727.456	593.447	454.474
55	708.900	582.660	439.796
56	691.205	570.150	424.047
57	673.511	558.488	406.783
58	653.008	547.048	389.297
59	630.573	533.677	374.202
60	608.333	517.914	357.577
61	587.192	504.542	339.883
62	561.296	487.709	321.326
63	538.208	468.930	306.008
64	510.366	450.165	287.883
65	482.955	424.270	270.619
66	452.320	402.905	254.856
67	418.654	378.080	236.522
68	388.227	355.645	218.174
69	352.838	328.443	201.341
70	316.795	302.116	183.855
71	285.714	275.581	168.968
72	250.325	252.271	151.705
73	218.174	225.291	136.164
74	187.747	201.119	121.277
75	163.144	176.961	108.337
76	137.249	156.236	94.520
77	118.039	136.818	83.303
78	99.913	114.800	70.139
79	84.595	95.604	59.131
80	69.708	78.549	49.206
81	58.908	62.147	41.005
82	48.122	50.499	31.720
83	39.059	39.281	24.381
84	31.942	29.996	18.126
85	23.950	23.088	13.163
86	18.556	15.540	7.548
87	14.247	10.786	4.754
88	10.786	7.339	2.154
89	9.063	5.616	1.084
90	9.063	4.754	0.653
91	8.854	5.393	0.862

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CANDELA TABULATION - (Cont.)

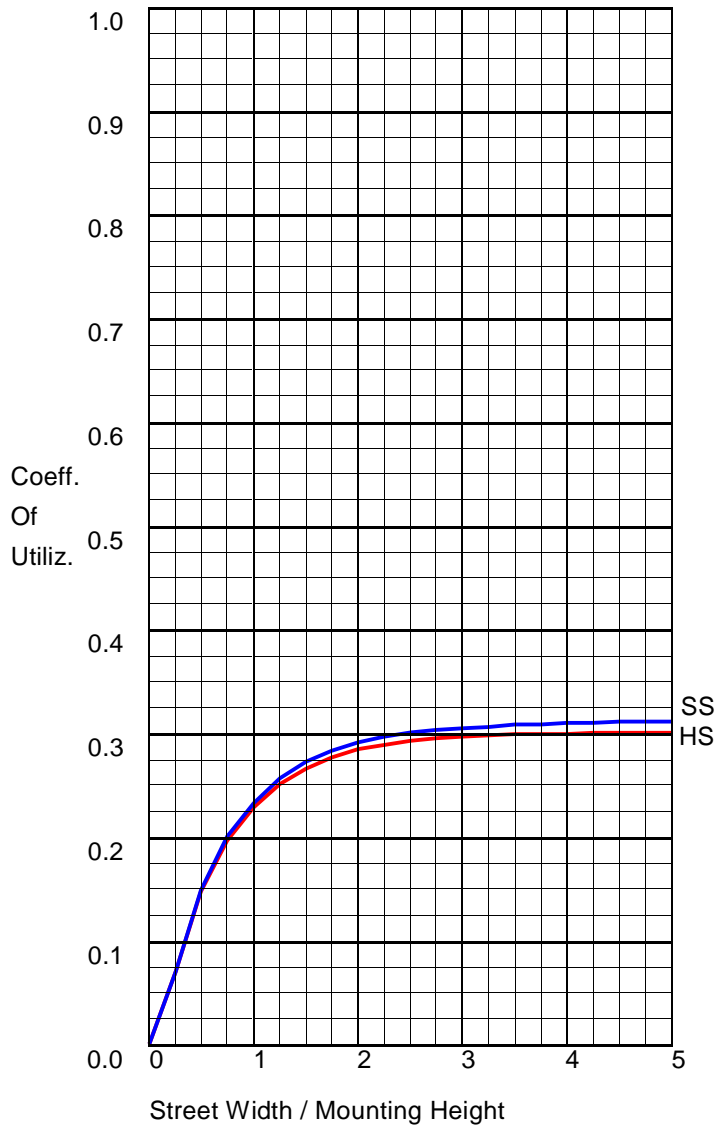
92	8.201	5.393	1.293
93	8.632	4.323	0.653
94	8.632	5.185	1.515
95	7.979	5.185	1.515
96	7.548	4.531	0.862
97	7.770	4.962	1.724
98	7.979	5.393	1.946
99	7.548	4.962	1.515
100	8.632	5.185	1.946
101	7.548	6.255	2.154
102	7.770	5.185	2.377
103	8.632	4.962	1.946
104	8.854	5.185	2.154
105	8.201	4.962	3.016
106	8.632	4.323	2.377
107	8.632	4.100	2.377
108	7.979	4.754	3.447
109	7.339	3.670	3.016
110	6.908	3.670	3.239
111	7.117	4.100	3.447
112	5.824	3.892	3.892
113	5.616	3.892	3.447
114	6.477	3.447	4.531
115	5.185	4.100	4.754
116	6.046	4.100	3.892
117	6.046	3.239	4.754
118	5.393	3.892	4.754
119	6.046	3.670	4.531
120	6.255	3.447	4.754
121	6.908	3.670	4.962
122	7.979	4.754	5.616
123	9.285	4.100	4.962
124	10.147	4.100	6.046
125	9.925	5.185	6.255
126	8.854	5.185	5.616
127	9.494	4.962	6.255
128	9.063	4.531	6.255
129	7.770	5.393	6.477
130	8.201	5.185	6.046
131	7.979	4.100	6.255
132	7.339	4.754	7.117
133	6.477	4.531	6.255
134	6.255	4.531	6.477
135	6.046	4.100	7.548
136	6.046	4.962	6.908
137	7.117	4.962	6.908
138	7.117	3.892	7.548
139	6.686	4.100	7.548
140	6.908	5.185	7.339
141	7.117	5.185	7.548
142	7.548	4.754	8.423
143	6.908	4.754	8.423
144	6.908	5.616	7.770
145	7.979	4.754	8.854
146	6.908	4.754	8.854
147	7.339	5.393	8.201

IES ROAD REPORT
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CANDELA TABULATION - (Cont.)

148	7.117	5.185	8.854
149	6.908	5.185	8.854
150	6.255	4.962	8.423
151	6.046	5.616	8.632
152	6.686	4.531	9.285
153	5.616	4.531	8.201
154	6.686	5.616	9.285
155	6.686	4.754	9.285
156	6.046	4.754	8.632
157	6.046	5.185	8.632
158	5.824	5.185	9.063
159	6.255	5.185	9.063
160	5.393	4.962	9.063
161	5.185	5.824	9.063
162	6.255	6.046	10.147
163	5.393	5.393	9.285
164	5.393	6.477	9.494
165	5.616	6.908	10.355
166	5.824	7.117	10.147
167	5.824	7.339	10.147
168	5.185	7.548	10.355
169	6.477	7.770	11.009
170	5.824	8.423	10.147
171	6.255	9.063	10.147
172	7.548	8.854	11.009
173	7.979	9.285	11.009
174	8.423	10.578	10.786
175	9.063	9.716	10.578
176	10.147	9.925	11.440
177	9.716	11.009	11.440
178	10.355	11.217	11.217
179	10.786	11.648	11.648
180	11.387	11.387	11.387

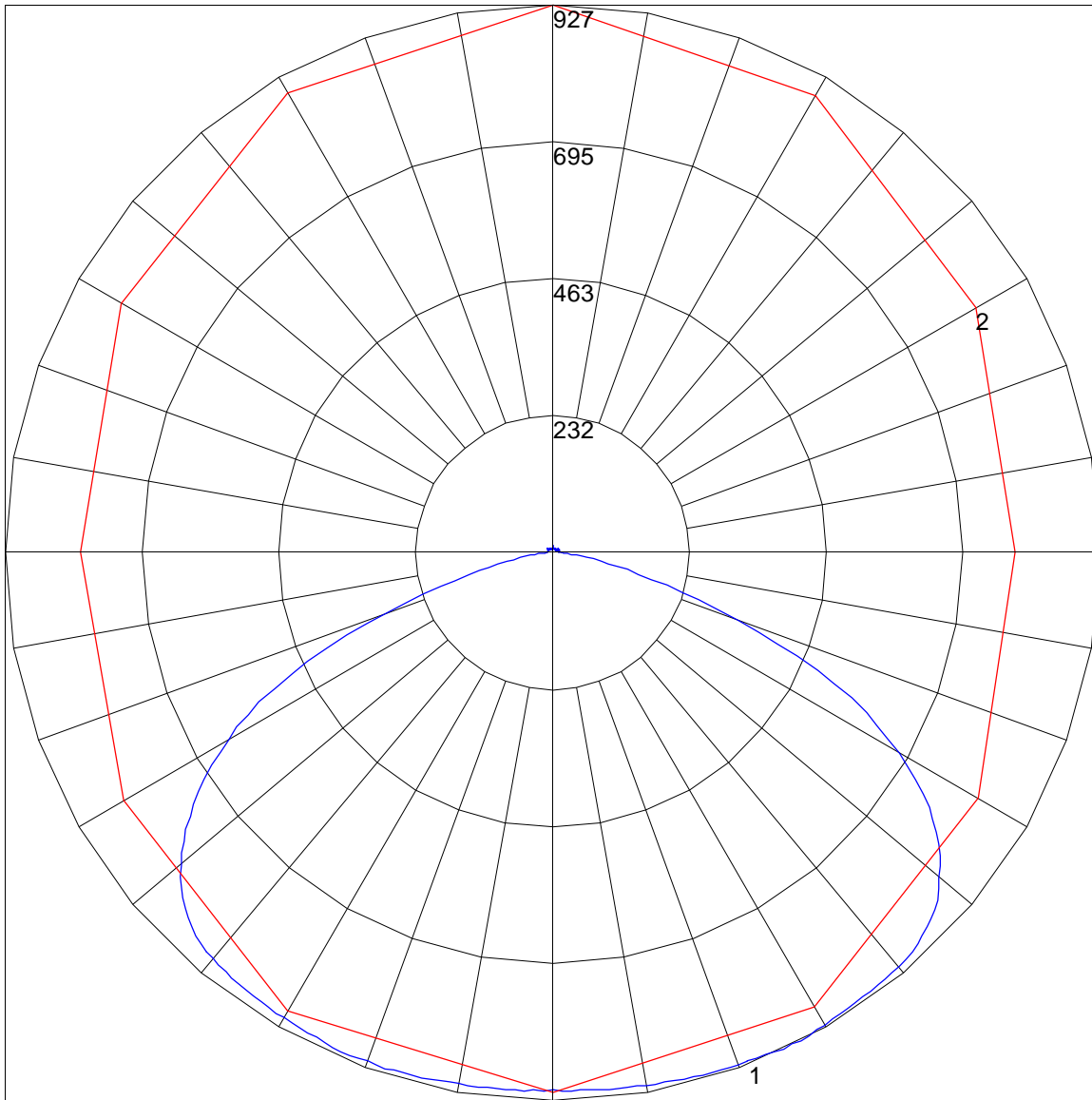
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

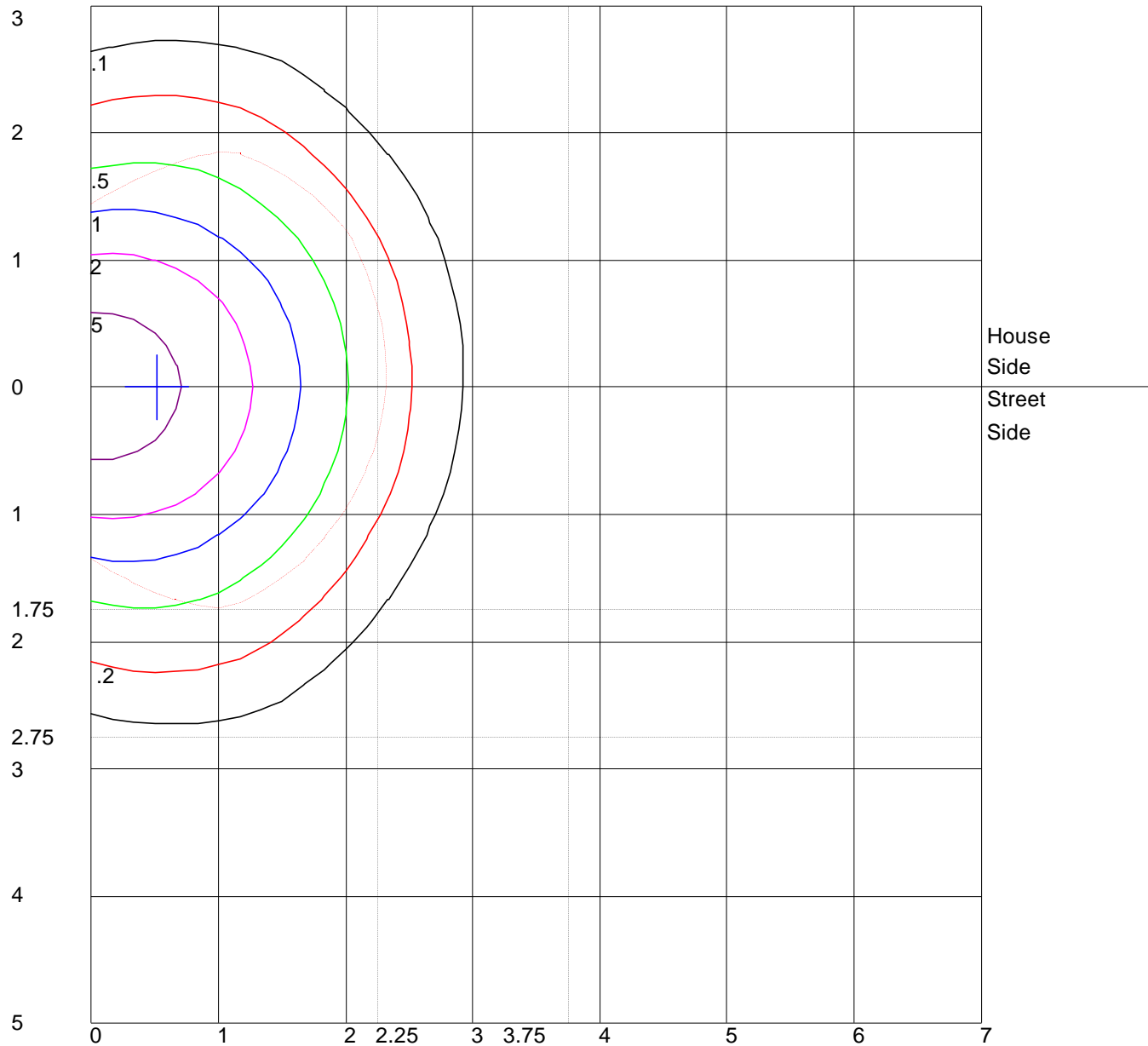
	Lumens	Percent Of Lamp
Downward Street Side	1510.9	30.2
Downward House Side	1564.4	31.3
Downward Total	3075.3	61.5
Upward Street Side	20.9	0.4
Upward House Side	20.5	0.4
Upward Total	41.4	0.8
Total Flux	3116.7	62.3

POLAR GRAPH



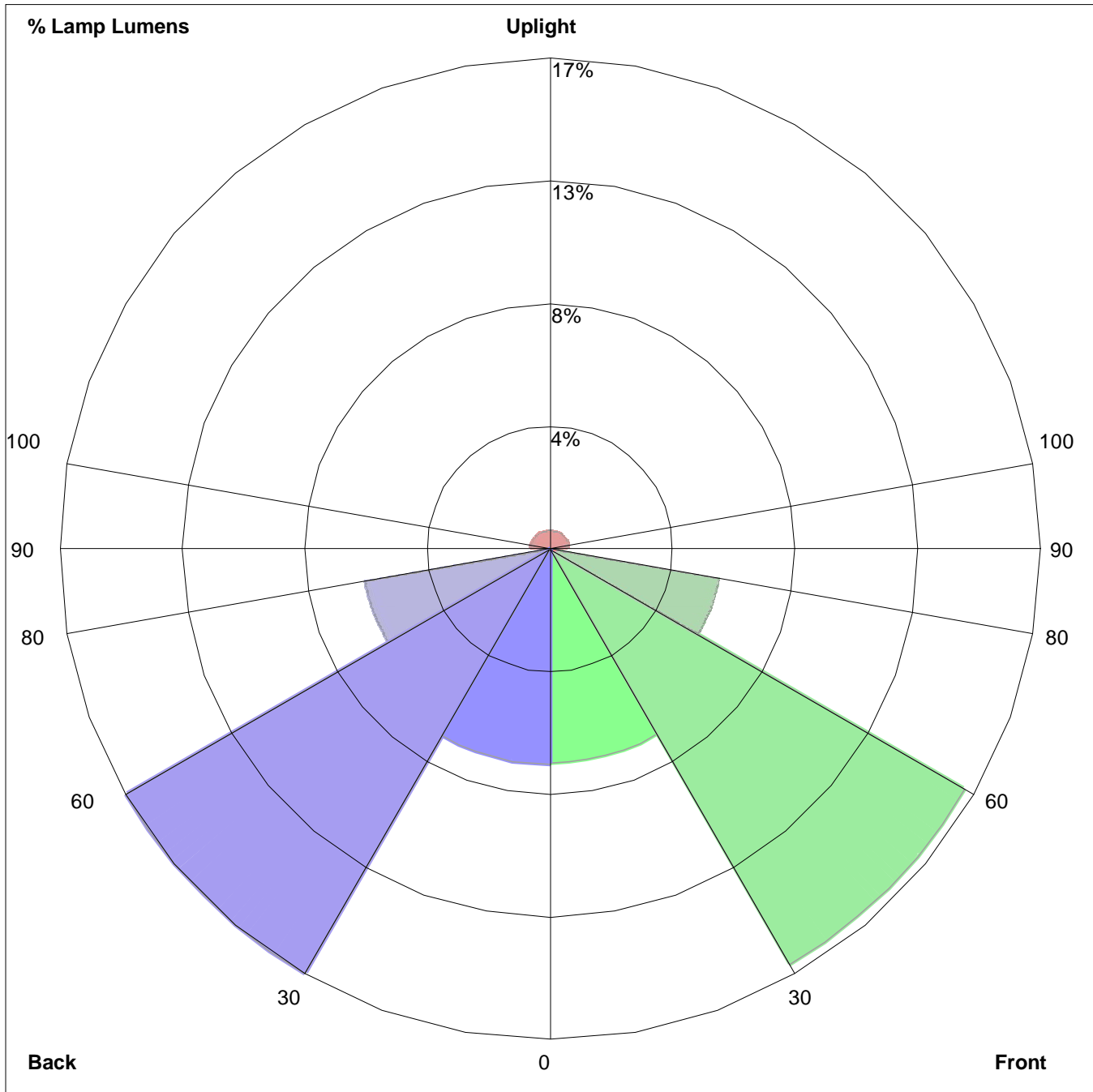
Maximum Candela = 926.643 Located At Horizontal Angle = 90, Vertical Angle = 27
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (27) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
 Values Based On 10 Foot Mounting Height
 1/2 Maximum Candela Trace Shown As Dashed Curve
 (+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Percent Lamp Lumens:
 Front: Low=7.4%, Medium=16.6%, High=6.0%, Very High=0.3%
 Back: Low=7.4%, Medium=16.9%, High=6.5%, Very High=0.4%
 Uplight: Low=0.2%, High=0.7%

BUG Rating : B1-U2-G1