



IES INDOOR REPORT

PHOTOMETRIC FILENAME : BLS-2A-3500°K-P.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] BEGHELLI

[TESTDATE] 2017/9/29

[ISSUEDATE] 2017/9/29 11:30:05

[NEARFIELD]

[LAMPPOSITION] "0,0"

[MANUFAC] BEGHELLI

[LUMCAT]

[LUMINAIRE] BLS-2A-3500°K-P

IESNA:LM-63-2002

[LAMP] LED

[OTHER] Luminous shape: Rectangle

[OTHER] Luminous dimensions (feet)

[OTHER] 0 - 180 Axis: 4.2

[OTHER] 90 - 270 Axis: 0.6

[OTHER] Height: 0.1

CHARACTERISTICS

Lumens Per Lamp	1325 (1 lamp)
Total Lamp Lumens	1325
Luminaire Lumens	1325
Total Luminaire Efficiency	100 %
Luminaire Efficacy Rating (LER)	74
Total Luminaire Watts	18
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.96
Spacing Criterion (90-270)	1.92
Spacing Criterion (Diagonal)	1.78
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.10 m
Luminous Width (90-270)	0.10 m
Luminous Height	0.00 m

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LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	53862	77196	54257
55	32819	90562	84078
65	9821	83802	175272
75	5903	29717	39331
85	6045	9722	14734

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CANDELA TABULATION

	0	30	60	90	120	150	180	210	240	270
0	286.900	286.900	286.900	286.900	286.900	286.900	286.900	286.900	286.900	286.900
1	291.257	291.105	286.703	285.009	284.543	285.538	284.489	285.475	283.216	284.686
2	294.305	294.180	288.586	285.161	282.920	282.194	280.589	282.266	281.280	284.561
3	297.318	296.789	290.800	285.547	280.984	278.608	275.793	278.509	278.985	284.659
4	300.088	299.864	292.997	286.130	279.047	274.511	270.719	274.332	276.851	284.991
5	303.127	302.338	295.534	286.865	277.129	270.118	265.277	269.876	274.932	285.376
6	306.256	305.350	297.954	287.546	275.094	265.224	259.244	265.528	273.077	285.959
7	309.456	308.425	300.482	288.416	273.364	260.132	253.121	260.356	271.212	286.775
8	312.854	311.509	302.930	289.366	271.463	254.466	246.424	254.842	269.338	287.878
9	316.664	315.471	305.700	290.379	269.276	248.944	238.679	249.481	267.088	288.971
10	321.334	319.694	308.936	291.428	267.321	243.314	231.373	243.825	265.206	290.298
11	326.552	324.768	312.011	292.566	265.493	237.666	224.577	238.078	263.395	291.652
12	332.549	330.729	315.552	293.911	263.090	232.009	216.706	231.749	261.467	293.023
13	339.111	337.354	319.622	295.399	260.858	226.056	209.238	225.931	259.325	294.135
14	346.319	344.849	323.934	296.825	258.132	219.718	200.731	219.360	257.012	295.211
15	354.307	352.747	328.174	298.098	255.246	212.968	192.376	213.452	254.385	296.618
16	363.334	360.941	333.159	299.245	252.332	205.948	184.549	206.334	251.723	298.124
17	372.685	370.049	338.376	300.679	248.899	198.866	175.576	199.601	248.594	299.496
18	382.080	379.417	344.123	302.392	245.609	192.035	167.176	192.654	245.815	300.993
19	391.896	389.673	350.497	304.176	242.077	184.980	158.336	185.993	242.740	302.858
20	402.152	399.767	357.579	306.067	238.643	177.727	149.882	178.579	239.782	304.723
21	412.121	409.862	364.796	307.842	235.147	169.847	141.240	170.995	236.420	306.758
22	422.063	419.965	372.227	309.572	231.633	161.967	132.383	163.419	233.282	308.819
23	431.996	430.669	380.224	311.805	228.289	154.284	124.754	156.803	230.100	311.088
24	441.436	441.185	387.889	314.306	224.550	146.772	116.318	149.596	227.051	313.553
25	450.867	451.405	395.850	317.228	220.929	139.008	109.308	142.540	224.039	316.493
26	459.428	461.382	403.264	319.900	216.608	131.809	101.562	135.575	220.319	319.801
27	467.281	470.760	411.332	322.562	212.672	124.512	94.812	129.003	216.903	322.787
28	473.799	479.312	419.687	325.046	208.799	117.645	88.940	122.638	213.335	325.646
29	479.877	488.456	428.885	327.646	204.648	111.083	83.068	115.987	209.902	328.784
30	484.852	496.417	437.249	330.658	200.202	105.211	77.698	110.375	206.334	331.805
31	488.779	502.943	445.990	333.526	195.917	99.949	72.758	104.485	202.587	334.970
32	492.051	508.797	454.157	336.790	191.685	94.776	68.240	99.187	198.615	337.973
33	494.229	514.006	462.942	339.972	187.562	89.774	64.672	93.512	194.357	340.743
34	495.682	519.116	471.522	343.307	183.205	84.574	61.534	88.330	190.063	343.441
35	495.771	522.845	480.702	346.570	178.229	79.625	58.809	83.256	185.060	346.194
36	493.969	526.252	489.353	349.833	173.272	74.973	56.631	78.792	180.354	349.304
37	490.195	528.860	498.425	352.200	167.785	70.804	55.008	74.408	175.244	352.415
38	484.377	530.743	507.408	355.123	162.998	66.510	54.291	69.916	170.681	355.705
39	477.322	532.455	516.498	358.269	157.727	62.655	53.663	65.802	165.750	358.789
40	466.851	533.289	525.938	361.837	152.805	58.791	53.789	62.278	161.429	362.178
41	453.404	532.088	535.889	365.880	148.098	55.169	54.219	58.791	157.269	365.773
42	437.975	529.811	546.853	370.076	143.078	51.664	56.236	55.627	152.428	369.915
43	420.306	526.162	557.942	374.119	138.443	48.275	59.284	52.121	147.821	374.433
44	401.112	520.667	568.431	378.700	133.325	45.156	64.161	48.419	142.890	379.274
45	381.022	511.899	580.274	383.819	128.752	42.027	70.921	45.389	138.443	384.240
46	361.640	500.621	592.788	389.001	124.162	39.445	83.597	42.341	134.176	389.790
47	341.487	486.959	605.725	395.070	119.734	37.096	103.113	39.849	130.303	395.760
48	322.267	471.235	619.163	401.874	115.198	35.357	136.570	37.831	126.206	402.923
49	302.042	453.718	633.650	409.736	111.155	33.851	156.310	35.985	122.387	410.821
50	282.902	434.363	648.505	418.970	107.228	32.766	155.728	34.792	118.434	420.844
51	262.418	413.941	665.000	428.715	103.534	31.924	141.303	33.887	114.947	432.220
52	242.220	392.981	680.168	439.571	99.993	31.323	114.615	33.295	111.486	443.883
53	224.057	369.735	692.979	451.647	96.327	30.633	91.710	32.901	108.044	456.550

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CANDELA TABULATION - (Cont.)

54	205.061	348.498	705.064	464.897	92.813	29.898	85.318	32.022	104.610	470.123
55	188.324	325.019	714.306	482.459	89.289	29.808	117.618	30.866	101.347	487.228
56	172.294	301.674	720.546	502.737	86.250	30.041	133.459	30.104	98.138	508.681
57	156.283	276.421	723.074	526.548	83.615	28.714	133.889	29.862	95.341	534.706
58	140.882	252.870	721.801	552.250	81.006	27.047	110.778	28.696	92.553	563.267
59	125.274	231.812	716.234	581.968	78.299	25.675	81.096	27.217	89.756	596.285
60	105.211	212.053	705.978	612.905	75.806	24.662	64.278	26.043	87.496	630.907
61	83.382	193.882	692.576	644.856	73.386	24.420	52.005	25.693	85.192	665.789
62	68.697	176.589	675.399	673.579	71.082	24.250	43.417	25.935	83.032	697.237
63	59.150	156.678	655.793	700.769	69.092	23.533	39.373	24.886	80.997	727.072
64	50.104	130.276	631.696	723.495	67.155	22.116	36.621	23.909	78.998	751.636
65	41.525	107.040	601.583	741.048	65.775	21.327	34.667	22.959	77.303	768.956
66	35.581	92.597	573.165	746.571	65.040	20.547	33.179	22.286	76.828	775.124
67	31.018	78.254	540.622	741.864	64.941	20.000	31.933	21.793	76.891	764.706
68	27.755	65.820	507.210	723.002	65.318	19.588	30.749	21.229	77.501	726.902
69	25.281	55.098	470.598	677.999	66.564	19.301	29.916	20.700	79.061	662.427
70	23.075	46.456	429.450	599.853	68.455	19.059	30.328	20.377	81.436	564.863
71	21.157	39.705	384.025	494.660	70.750	18.880	30.131	20.117	84.941	411.475
72	19.454	34.371	329.994	340.187	73.126	18.638	29.091	19.956	88.133	261.055
73	17.974	29.916	265.403	237.666	73.673	18.459	27.459	19.740	89.460	167.615
74	16.576	26.159	197.988	135.996	69.899	18.360	26.455	19.472	85.345	121.652
75	15.285	23.120	130.770	101.840	61.167	18.243	26.446	19.229	73.780	93.870
76	14.057	20.529	89.702	79.330	50.006	18.288	25.863	19.032	57.931	63.910
77	12.237	18.252	56.138	54.327	39.472	18.342	23.999	18.683	43.811	37.213
78	11.484	16.262	35.510	31.771	30.731	18.315	21.775	18.145	32.632	23.533
79	10.865	14.648	26.392	20.529	23.882	17.831	19.669	17.454	24.806	18.387
80	9.861	13.447	20.816	17.212	18.889	16.854	15.124	16.531	19.274	15.913
81	8.929	12.362	17.069	15.590	15.527	15.428	12.676	15.473	15.930	14.129
82	7.943	11.260	14.532	14.317	13.169	13.976	11.116	14.155	13.438	12.954
83	6.894	9.816	12.784	13.815	11.690	12.506	10.327	13.035	11.878	12.040
84	6.024	8.445	11.260	13.976	10.381	11.206	9.655	11.896	10.578	10.964
85	5.271	7.208	9.745	12.847	9.279	9.960	8.929	11.009	9.449	9.655
86	4.733	6.168	8.472	11.385	8.203	8.848	8.203	10.085	8.418	8.364
87	4.222	5.388	7.073	10.327	7.333	7.755	7.629	9.072	7.486	7.261
88	3.945	4.886	6.383	9.565	6.795	6.795	7.190	8.086	6.939	6.410
89	3.783	4.751	5.988	8.794	6.428	6.015	6.643	6.903	6.670	6.051
90	3.676	4.733	6.051	8.221	6.257	5.469	6.338	6.302	6.580	6.266
91	3.559	4.689	6.257	8.149	6.240	5.226	5.935	5.962	6.580	6.401
92	3.487	4.653	6.482	8.239	6.383	5.244	5.836	5.980	6.724	6.499
93	3.487	4.680	6.724	8.337	6.508	5.289	5.836	6.051	6.858	5.720
94	3.514	4.904	7.109	8.364	6.598	5.316	5.836	6.087	6.939	5.908
95	3.568	5.280	7.414	8.239	6.652	5.316	5.836	6.096	7.019	6.168
96	3.631	5.576	7.602	8.472	6.750	5.316	5.863	6.123	7.109	6.374
97	3.586	5.352	7.521	8.929	6.867	5.325	5.881	6.150	7.235	6.455
98	3.460	4.913	7.064	9.628	6.948	5.361	5.917	6.168	7.333	6.598
99	3.326	4.608	6.257	9.718	6.993	5.433	5.881	6.231	7.414	6.643
100	3.236	4.438	5.773	9.933	6.966	5.495	5.791	6.302	7.450	6.499
101	3.165	4.303	5.316	9.243	6.966	5.567	5.737	6.383	7.414	6.428
102	3.120	4.151	4.886	8.086	6.975	5.666	5.737	6.482	7.432	6.446
103	3.120	4.034	4.760	7.844	7.046	5.764	5.746	6.598	7.432	6.311
104	3.138	3.900	4.733	7.504	7.163	5.881	5.809	6.724	7.504	6.186
105	3.165	3.810	4.733	7.190	7.315	6.006	5.917	6.867	7.656	6.311
106	3.218	3.774	4.733	7.145	7.450	6.159	6.024	7.019	7.781	6.473
107	3.290	3.729	4.715	7.261	7.566	6.302	6.186	7.190	7.925	6.625
108	3.353	3.711	4.680	7.405	7.701	6.473	6.338	7.351	8.050	6.750
109	3.389	3.685	4.662	7.530	7.826	6.616	6.499	7.521	8.185	6.876

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CANDELA TABULATION - (Cont.)

110	3.434	3.658	4.626	7.656	7.943	6.786	6.652	7.683	8.292	6.993
111	3.442	3.631	4.590	7.781	8.041	6.903	6.795	7.844	8.418	7.091
112	3.469	3.604	4.563	7.916	8.149	7.064	6.939	8.015	8.534	7.190
113	3.496	3.604	4.545	8.023	8.257	7.208	7.073	8.149	8.651	7.261
114	3.532	3.586	4.536	8.131	8.328	7.351	7.244	8.301	8.750	7.351
115	3.559	3.586	4.518	8.221	8.391	7.468	7.387	8.445	8.830	7.405
116	3.613	3.559	4.491	8.292	8.445	7.611	7.539	8.588	8.920	7.450
117	3.640	3.559	4.473	8.337	8.490	7.728	7.683	8.732	8.974	7.486
118	3.676	3.586	4.473	8.364	8.517	7.853	7.808	8.857	9.037	7.521
119	3.702	3.586	4.464	8.409	8.543	7.952	7.952	8.974	9.081	7.539
120	3.729	3.604	4.473	8.418	8.543	8.023	8.068	9.072	9.126	7.593
121	3.756	3.631	4.473	8.436	8.543	8.095	8.185	9.171	9.153	7.611
122	3.783	3.676	4.491	8.463	8.543	8.167	8.275	9.270	9.180	7.656
123	3.828	3.702	4.491	8.490	8.517	8.239	8.373	9.368	9.198	7.701
124	3.873	3.729	4.509	8.534	8.517	8.301	8.472	9.467	9.207	7.737
125	3.900	3.783	4.518	8.561	8.490	8.373	8.588	9.565	9.207	7.781
126	3.953	3.846	4.518	8.606	8.472	8.436	8.687	9.637	9.225	7.844
127	3.998	3.918	4.545	8.633	8.472	8.490	8.786	9.718	9.225	7.871
128	4.034	3.980	4.581	8.678	8.472	8.534	8.866	9.790	9.225	7.916
129	4.088	4.034	4.608	8.714	8.472	8.588	8.956	9.861	9.207	7.952
130	4.133	4.097	4.653	8.759	8.490	8.633	9.037	9.915	9.198	7.997
131	4.196	4.151	4.689	8.786	8.534	8.678	9.108	9.960	9.171	8.050
132	4.249	4.222	4.751	8.848	8.579	8.705	9.171	10.005	9.153	8.113
133	4.303	4.276	4.823	8.902	8.615	8.732	9.225	10.032	9.126	8.167
134	4.366	4.339	4.868	8.992	8.705	8.759	9.270	10.050	9.108	8.257
135	4.420	4.393	4.940	9.054	8.777	8.786	9.314	10.050	9.099	8.328
136	4.491	4.447	5.002	9.153	8.857	8.794	9.341	10.050	9.081	8.409
137	4.563	4.518	5.074	9.243	8.938	8.830	9.350	10.050	9.054	8.472
138	4.626	4.581	5.146	9.323	9.037	8.857	9.368	10.050	9.028	8.543
139	4.689	4.626	5.200	9.395	9.126	8.866	9.368	10.014	9.001	8.615
140	4.760	4.698	5.253	9.449	9.207	8.902	9.368	10.005	8.992	8.678
141	4.832	4.769	5.289	9.521	9.296	8.938	9.368	9.987	8.974	8.750
142	4.913	4.832	5.352	9.583	9.368	8.974	9.368	9.960	8.974	8.786
143	4.984	4.886	5.397	9.637	9.449	9.010	9.368	9.915	8.956	8.830
144	5.074	4.940	5.433	9.691	9.521	9.037	9.368	9.888	8.956	8.866
145	5.155	5.002	5.495	9.736	9.592	9.081	9.368	9.843	8.956	8.920
146	5.244	5.056	5.549	9.763	9.664	9.108	9.350	9.807	8.956	8.929
147	5.325	5.101	5.603	9.790	9.718	9.153	9.341	9.763	8.956	8.974
148	5.415	5.155	5.666	9.816	9.772	9.198	9.323	9.718	8.956	8.992
149	5.504	5.209	5.711	9.834	9.816	9.225	9.323	9.673	8.974	9.001
150	5.594	5.253	5.773	9.834	9.843	9.252	9.314	9.655	8.974	9.010
151	5.693	5.316	5.836	9.834	9.888	9.296	9.314	9.601	8.992	9.010
152	5.773	5.388	5.890	9.834	9.933	9.341	9.314	9.565	8.992	9.010
153	5.863	5.433	5.962	9.834	9.951	9.368	9.314	9.530	8.992	9.001
154	5.944	5.495	6.015	9.834	9.978	9.413	9.323	9.512	8.992	8.992
155	6.024	5.567	6.087	9.816	9.987	9.440	9.323	9.485	8.992	8.974
156	6.123	5.639	6.159	9.816	9.987	9.467	9.350	9.449	8.974	8.956
157	6.213	5.711	6.231	9.816	10.005	9.485	9.368	9.422	8.974	8.938
158	6.302	5.791	6.302	9.807	10.005	9.512	9.395	9.413	8.974	8.938
159	6.401	5.863	6.383	9.807	10.005	9.521	9.413	9.386	8.956	8.938
160	6.499	5.935	6.455	9.790	9.987	9.530	9.422	9.350	8.938	8.956
161	6.580	6.024	6.526	9.772	9.978	9.556	9.422	9.341	8.929	8.992
162	6.679	6.132	6.598	9.745	9.951	9.556	9.440	9.323	8.902	9.010
163	6.786	6.231	6.679	9.718	9.906	9.556	9.449	9.314	8.866	9.037
164	6.867	6.329	6.768	9.673	9.888	9.530	9.440	9.279	8.848	9.072
165	6.975	6.446	6.858	9.637	9.843	9.530	9.440	9.252	8.794	9.108

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CANDELA TABULATION - (Cont.)

166	7.073	6.571	6.939	9.592	9.816	9.512	9.440	9.225	8.759	9.144
167	7.208	6.679	7.002	9.556	9.772	9.494	9.422	9.171	8.714	9.171
168	7.288	6.786	7.073	9.512	9.736	9.485	9.395	9.144	8.660	9.180
169	7.387	6.867	7.145	9.467	9.691	9.449	9.350	9.099	8.615	9.198
170	7.504	6.966	7.235	9.422	9.655	9.422	9.314	9.037	8.579	9.207
171	7.611	7.073	7.315	9.413	9.601	9.386	9.279	8.992	8.534	9.225
172	7.728	7.181	7.414	9.395	9.583	9.350	9.243	8.920	8.472	9.225
173	7.808	7.279	7.486	9.386	9.556	9.296	9.180	8.848	8.436	9.243
174	7.871	7.378	7.566	9.368	9.512	9.252	9.081	8.759	8.373	9.243
175	7.952	7.486	7.656	9.368	9.467	9.198	8.992	8.660	8.337	9.252
176	8.068	7.611	7.737	9.368	9.413	9.144	8.893	8.561	8.275	9.279
177	8.185	7.772	7.844	9.368	9.386	9.072	8.821	8.472	8.221	9.314
178	8.301	7.916	7.943	9.368	9.341	9.001	8.732	8.373	8.194	9.323
179	8.436	8.068	8.050	9.368	9.296	8.938	8.651	8.275	8.122	9.341
180	8.543	8.543	8.543	8.543	8.543	8.543	8.543	8.543	8.543	8.543

Vert. Angles **Horizontal Angles**

	<u>300</u>	<u>330</u>	<u>360</u>
0	286.900	286.900	286.900
1	287.878	291.231	291.257
2	289.330	293.777	294.305
3	291.186	296.654	297.318
4	293.086	299.397	300.088
5	295.184	301.899	303.127
6	297.309	304.472	306.256
7	299.281	306.919	309.456
8	301.352	309.770	312.854
9	303.494	312.880	316.664
10	305.879	316.431	321.334
11	308.326	320.483	326.552
12	310.774	325.297	332.549
13	313.669	330.676	339.111
14	317.049	336.664	346.319
15	320.868	342.957	354.307
16	325.144	350.066	363.334
17	329.600	357.597	372.685
18	334.271	365.746	382.080
19	339.658	374.603	391.896
20	345.387	383.613	402.152
21	351.635	392.891	412.121
22	357.713	402.260	422.063
23	364.589	411.789	431.996
24	371.367	421.435	441.436
25	378.386	430.938	450.867
26	385.370	440.405	459.428
27	392.371	449.746	467.281
28	399.516	458.765	473.799
29	407.038	467.102	479.877
30	414.317	474.570	484.852
31	421.570	481.822	488.779
32	428.688	488.644	492.051
33	436.675	494.848	494.229
34	443.569	500.191	495.682
35	451.575	504.844	495.771
36	459.177	509.219	493.969

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

37	466.950	512.446	490.195
38	474.704	514.857	484.377
39	482.835	516.767	477.322
40	491.289	517.108	466.851
41	500.290	515.476	453.404
42	508.896	512.383	437.975
43	518.264	506.950	420.306
44	528.341	499.662	401.112
45	539.242	489.882	381.022
46	550.358	478.568	361.640
47	562.299	464.959	341.487
48	573.613	447.729	322.267
49	586.343	430.131	302.042
50	598.481	410.893	282.902
51	611.193	391.394	262.418
52	623.385	371.448	242.220
53	633.551	349.376	224.057
54	642.579	326.704	205.061
55	648.980	302.992	188.324
56	653.238	278.070	172.294
57	653.821	253.139	156.283
58	651.795	230.593	140.882
59	647.411	208.360	125.274
60	639.612	189.301	105.211
61	629.132	170.842	83.382
62	614.905	151.559	68.697
63	594.402	127.856	59.150
64	569.130	103.741	50.104
65	543.688	89.890	41.525
66	518.336	76.156	35.581
67	487.784	64.305	31.018
68	453.144	53.206	27.755
69	416.280	44.618	25.281
70	373.402	37.778	23.075
71	329.985	32.829	21.157
72	279.863	29.082	19.454
73	211.740	26.213	17.974
74	143.760	23.936	16.576
75	90.007	21.695	15.285
76	58.083	19.436	14.057
77	40.010	17.580	12.237
78	31.081	15.966	11.484
79	24.671	14.604	10.865
80	20.189	13.537	9.861
81	17.159	12.165	8.929
82	14.837	10.767	7.943
83	12.873	9.252	6.894
84	11.206	7.737	6.024
85	9.906	6.473	5.271
86	8.678	5.531	4.733
87	7.378	4.868	4.222
88	6.616	4.464	3.945
89	6.616	4.447	3.783
90	6.724	4.420	3.676
91	6.876	4.348	3.559
92	7.073	4.339	3.487

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

93	7.288	4.348	3.487
94	7.656	4.545	3.514
95	8.122	4.868	3.568
96	7.970	5.002	3.631
97	7.638	4.751	3.586
98	7.109	4.447	3.460
99	6.571	4.267	3.326
100	6.087	4.169	3.236
101	5.495	4.097	3.165
102	5.352	4.016	3.120
103	5.325	3.953	3.120
104	5.325	3.846	3.138
105	5.352	3.810	3.165
106	5.388	3.801	3.218
107	5.388	3.801	3.290
108	5.361	3.801	3.353
109	5.343	3.801	3.389
110	5.289	3.783	3.434
111	5.289	3.783	3.442
112	5.316	3.783	3.469
113	5.352	3.783	3.496
114	5.415	3.810	3.532
115	5.433	3.846	3.559
116	5.469	3.873	3.613
117	5.504	3.900	3.640
118	5.567	3.927	3.676
119	5.639	3.953	3.702
120	5.711	3.998	3.729
121	5.791	4.052	3.756
122	5.881	4.106	3.783
123	5.944	4.178	3.828
124	6.024	4.231	3.873
125	6.123	4.303	3.900
126	6.186	4.375	3.953
127	6.257	4.447	3.998
128	6.338	4.518	4.034
129	6.410	4.590	4.088
130	6.482	4.680	4.133
131	6.553	4.751	4.196
132	6.625	4.823	4.249
133	6.697	4.904	4.303
134	6.768	4.975	4.366
135	6.831	5.038	4.420
136	6.876	5.128	4.491
137	6.939	5.200	4.563
138	7.002	5.271	4.626
139	7.046	5.343	4.689
140	7.109	5.424	4.760
141	7.163	5.495	4.832
142	7.208	5.576	4.913
143	7.244	5.666	4.984
144	7.306	5.737	5.074
145	7.351	5.809	5.155
146	7.387	5.890	5.244
147	7.414	5.980	5.325
148	7.459	6.051	5.415

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CANDELA TABULATION - (Cont.)

149	7.504	6.123	5.504
150	7.539	6.186	5.594
151	7.593	6.257	5.693
152	7.611	6.338	5.773
153	7.674	6.410	5.863
154	7.701	6.482	5.944
155	7.737	6.553	6.024
156	7.772	6.643	6.123
157	7.826	6.715	6.213
158	7.871	6.795	6.302
159	7.916	6.867	6.401
160	7.970	6.948	6.499
161	8.023	7.037	6.580
162	8.086	7.118	6.679
163	8.131	7.208	6.786
164	8.194	7.306	6.867
165	8.266	7.405	6.975
166	8.337	7.504	7.073
167	8.391	7.602	7.208
168	8.463	7.701	7.288
169	8.517	7.799	7.387
170	8.588	7.898	7.504
171	8.660	8.015	7.611
172	8.732	8.095	7.728
173	8.786	8.194	7.808
174	8.857	8.292	7.871
175	8.929	8.409	7.952
176	9.001	8.508	8.068
177	9.072	8.606	8.185
178	9.126	8.705	8.301
179	9.180	8.821	8.436
180	8.543	8.543	8.543

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLS-2A-3500°K-P.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	108.31	8.20	8.20
0-30	246.46	18.60	18.60
0-40	441.53	33.30	33.30
0-60	943.38	71.20	71.20
0-80	1271.34	96.00	96.00
0-90	1281.9	96.70	96.80
10-90	1254.7	94.70	94.70
20-40	333.22	25.10	25.20
20-50	572.31	43.20	43.20
40-70	752.33	56.80	56.80
60-80	327.95	24.80	24.80
70-80	77.48	5.80	5.80
80-90	10.56	0.80	0.80
90-110	12.79	1.00	1.00
90-120	19.14	1.40	1.40
90-130	25.36	1.90	1.90
90-150	36.02	2.70	2.70
90-180	43.02	3.20	3.20
110-180	30.23	2.30	2.30
0-180	1324.92	100.00	100.00

Total Luminaire Efficiency = 100.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	27.20
10-20	81.11
20-30	138.15
30-40	195.07
40-50	239.09
50-60	262.77
60-70	250.47
70-80	77.48
80-90	10.56
90-100	6.65
100-110	6.14
110-120	6.36
120-130	6.22
130-140	5.74
140-150	4.93
150-160	3.78
160-170	2.39
170-180	0.82

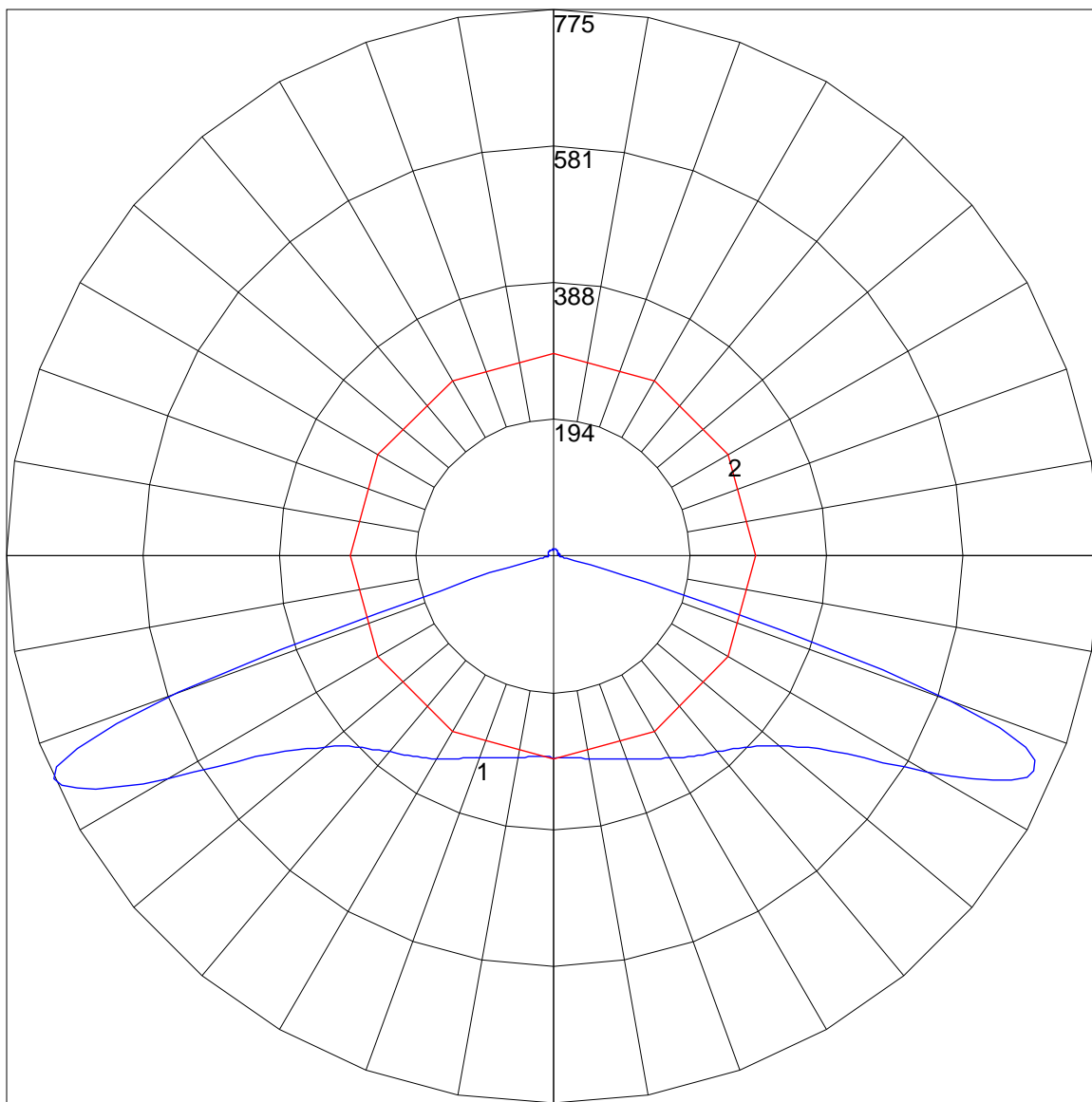
IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLS-2A-3500°K-P.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	118	118	118	118	115	115	115	115	109	109	109	104	104	104	99	99	99	97
1	108	103	98	94	104	100	96	92	95	92	89	91	88	86	87	84	82	80
2	97	88	81	75	94	86	79	74	82	76	71	78	73	69	74	71	67	65
3	87	76	67	60	84	74	66	59	71	64	58	67	61	57	64	59	55	53
4	79	66	57	49	76	65	56	49	62	54	48	59	52	47	56	51	46	43
5	72	58	48	41	69	57	48	41	54	46	40	52	45	39	50	44	39	36
6	66	52	42	35	64	50	41	35	48	40	34	46	39	34	44	38	33	31
7	61	46	37	30	59	45	36	30	43	35	30	42	34	29	40	34	29	27
8	56	42	33	27	54	41	32	26	39	32	26	38	31	26	36	30	25	23
9	52	38	29	23	50	37	29	23	36	28	23	34	28	23	33	27	22	20
10	49	35	26	21	47	34	26	21	33	26	21	32	25	20	31	24	20	18

POLAR GRAPH



Maximum Candela = 775.124 Located At Horizontal Angle = 270, Vertical Angle = 66
1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0)