



IES INDOOR REPORT

PHOTOMETRIC FILENAME : BLS-2A-5700°K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] BEGHELLI

[TESTDATE] 2020/3/10

[ISSUEDATE] 2020/3/10 11:57:32

[NEARFIELD]

[LAMPPOSITION] 0 0

[OTHER] BEGHELLI

[MANUFAC] BEGHELLI

[LUMINAIRE] BLS-2A-5700°K

[OTHER] TOTAL LUMINAIRE WATTS REPRESENT LUMINAIRE POWER DELIVERY

CHARACTERISTICS

Lumens Per Lamp	2037.47 (1 lamp)
Total Lamp Lumens	2037.47
Luminaire Lumens	1630
Total Luminaire Efficiency	80 %
Luminaire Efficacy Rating (LER)	144
Total Luminaire Watts	11.3
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	2.26
Spacing Criterion (90-270)	1.84
Spacing Criterion (Diagonal)	1.84
Basic Luminous Shape	Point
Luminous Length (0-180)	0.00 m
Luminous Width (90-270)	0.00 m
Luminous Height	0.00 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

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CANDELA TABULATION

	<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	352.664	352.664	352.664	352.664	352.664	352.664	352.664	352.664	352.664	352.664
1	358.248	358.336	356.088	353.280	349.152	345.952	343.096	345.584	349.840	354.648
2	366.224	364.912	359.640	352.792	344.768	338.720	335.080	338.744	346.696	355.600
3	373.968	371.016	363.000	352.176	340.376	331.296	326.072	331.208	343.256	356.904
4	381.880	377.592	366.528	351.704	335.656	323.288	315.840	322.992	339.528	358.264
5	389.376	384.096	370.040	351.568	331.144	315.160	305.776	314.520	336.144	359.568
6	397.176	390.880	374.144	351.568	326.344	306.432	296.072	306.096	332.528	361.008
7	404.712	397.392	378.032	351.632	321.816	297.600	285.488	298.480	328.672	362.448
8	413.064	403.952	382.152	351.712	317.296	288.824	274.952	290.392	324.944	364.152
9	421.624	410.464	386.424	351.912	312.296	280.168	264.752	281.224	321.520	366.008
10	430.000	417.872	390.640	352.120	307.912	271.144	254.312	272.312	318.024	368.536
11	438.664	425.816	395.216	352.600	303.328	261.840	243.992	263.752	314.304	370.928
12	448.792	432.880	399.736	353.152	298.728	253.536	233.808	255.792	310.672	373.608
13	458.944	440.696	404.576	354.184	294.408	244.792	223.912	247.984	307.040	376.208
14	468.816	449.208	409.632	355.352	290.088	235.840	214.080	240.168	303.360	378.608
15	478.952	458.584	414.936	356.512	285.912	227.112	204.384	231.608	299.704	381.680
16	488.392	467.576	420.552	357.816	281.880	218.920	194.528	223.000	295.864	385.096
17	497.848	477.304	426.856	359.392	277.640	210.656	185.400	214.568	292.048	387.984
18	507.304	487.648	433.064	361.248	273.384	202.176	176.384	207.096	288.136	391.000
19	516.688	497.704	439.568	363.224	268.728	193.504	167.688	199.408	284.144	394.016
20	526.960	509.832	447.984	365.144	264.480	185.216	159.512	191.704	280.360	396.952
21	536.552	521.872	456.416	367.344	260.304	177.720	151.904	184.448	276.496	400.240
22	546.360	530.304	465.120	369.328	256.184	170.536	144.952	177.096	272.448	403.608
23	556.832	540.328	474.024	371.592	252.008	163.536	138.320	170.208	268.440	407.160
24	567.520	552.424	483.208	373.992	248.096	156.664	131.936	163.496	264.472	410.664
25	579.560	560.224	491.912	376.592	244.056	150.256	126.216	157.008	260.472	414.160
26	590.608	566.408	499.328	379.480	239.472	144.280	121.192	150.592	256.544	418.256
27	601.744	575.136	506.440	382.352	235.096	138.672	116.720	144.408	252.680	422.424
28	612.368	586.096	513.488	385.640	230.512	133.600	112.584	138.656	248.912	426.680
29	620.560	596.568	520.824	388.584	226.184	128.848	108.824	133.600	245.136	430.656
30	628.912	606.536	529.376	391.672	222.008	124.552	105.464	128.744	241.552	434.416
31	637.816	615.096	537.672	395.240	217.552	120.624	102.224	123.840	237.912	438.128
32	646.592	622.912	546.504	399.200	213.168	116.616	99.424	119.064	234.408	441.688
33	653.800	631.896	555.608	402.912	209.192	112.968	96.752	114.248	230.896	445.256
34	660.248	641.000	565.472	406.744	205.416	109.864	95.040	110.288	227.432	449.288
35	666.080	649.288	574.384	410.440	201.480	106.888	93.944	106.816	223.824	453.808
36	670.688	657.160	583.360	413.864	197.536	103.712	92.376	103.808	220.480	458.064
37	673.920	663.856	591.600	417.224	194.048	100.480	90.464	101.296	217.152	461.824
38	676.056	669.256	599.792	420.368	190.504	97.464	88.536	99.192	213.872	465.528
39	677.832	673.296	607.072	423.328	187.024	94.680	87.016	97.272	210.576	469.360
40	677.920	676.304	614.064	426.824	183.672	92.128	86.184	95.616	207.168	473.808
41	675.760	678.896	621.256	430.512	180.368	89.600	86.176	93.712	204.928	477.512
42	672.688	680.392	627.968	434.560	176.944	86.960	87.448	92.216	202.936	481.488
43	668.520	680.600	634.424	439.008	173.288	84.608	89.408	91.048	201.384	484.304
44	662.504	680.728	640.384	442.640	169.856	82.784	92.488	89.792	200.640	487.312
45	653.504	680.104	646.144	446.544	166.904	81.672	99.928	87.744	200.304	489.792
46	642.088	678.376	652.512	450.040	164.120	80.544	105.232	85.560	200.384	491.712
47	627.520	675.208	658.336	453.536	161.968	78.472	120.440	83.592	200.416	493.016
48	610.152	669.352	662.880	457.024	160.152	76.696	192.096	81.744	200.224	494.120
49	589.416	660.704	667.328	460.112	158.544	74.872	348.248	80.680	200.096	494.936
50	565.192	650.120	670.480	463.464	157.200	74.016	241.200	80.184	200.088	495.016
51	540.808	636.872	673.232	466.408	156.472	72.464	179.224	79.152	200.280	494.200
52	515.592	620.392	674.752	469.008	156.104	73.136	201.216	81.760	200.512	492.024
53	489.776	600.544	674.168	471.256	155.800	75.304	162.336	76.808	200.528	488.952

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CANDELA TABULATION - (Cont.)

54	465.632	577.648	671.784	472.680	155.624	72.144	97.776	74.560	200.304	484.504
55	439.144	552.760	667.832	472.744	155.688	71.936	101.008	81.080	200.048	478.496
56	411.408	525.768	661.960	472.472	156.128	83.264	128.264	93.296	199.648	470.760
57	380.800	499.664	654.376	471.224	156.864	95.736	134.576	92.024	199.272	461.792
58	349.504	474.080	646.016	468.664	157.704	90.096	130.512	84.320	198.472	452.072
59	317.176	445.320	637.056	463.648	158.304	81.192	130.560	76.696	197.568	440.976
60	285.104	416.544	625.432	456.208	158.880	72.432	103.752	70.816	196.632	427.160
61	255.888	385.368	612.184	445.424	159.552	65.560	81.216	66.480	195.312	411.864
62	227.304	354.376	598.288	434.616	160.544	58.208	69.608	63.496	193.304	395.096
63	190.424	322.376	583.632	421.792	161.440	53.320	63.648	59.856	190.832	377.824
64	153.440	290.752	568.360	405.872	162.456	49.712	59.184	56.560	187.544	362.192
65	125.168	260.152	550.848	385.672	163.432	46.632	55.512	53.608	183.136	348.672
66	110.808	229.840	529.176	364.608	163.744	45.368	54.144	51.632	177.592	336.464
67	95.744	195.392	502.168	343.432	162.824	44.200	56.016	50.064	170.496	324.536
68	78.920	161.000	472.600	323.664	161.208	43.104	52.976	48.856	161.200	321.864
69	62.872	133.072	438.520	306.000	158.168	41.928	48.696	47.560	147.840	331.760
70	51.256	109.320	401.272	288.872	153.520	40.824	46.144	46.032	131.240	346.992
71	44.912	92.424	363.592	282.632	146.264	39.720	44.856	44.688	114.136	367.440
72	40.848	79.520	326.824	290.504	134.976	38.352	43.048	43.992	97.032	373.976
73	37.472	68.432	282.104	306.576	120.376	37.496	41.440	43.736	80.048	346.696
74	34.400	59.104	233.920	330.304	103.752	36.904	39.848	43.800	61.904	283.392
75	31.600	51.352	201.160	344.008	83.104	36.432	38.600	43.896	43.072	202.696
76	29.120	44.960	168.600	315.552	63.208	35.856	35.288	44.328	36.888	132.048
77	26.416	40.312	150.232	246.824	42.288	35.112	32.840	45.568	37.768	61.504
78	23.952	35.680	133.528	156.416	32.904	34.880	29.408	45.616	40.872	34.984
79	21.608	32.008	110.216	82.632	30.888	35.224	19.352	43.984	39.200	30.584
80	19.272	28.752	84.376	58.336	30.712	35.560	17.192	40.776	37.488	29.672
81	17.856	25.856	68.096	34.240	30.880	35.160	15.560	36.512	32.568	29.568
82	16.200	23.256	52.992	33.632	30.104	33.280	14.408	31.784	27.376	26.664
83	14.512	21.192	40.856	33.536	27.488	30.304	13.296	26.952	22.120	24.304
84	13.008	19.120	33.176	30.816	23.728	26.752	12.048	21.184	17.440	20.760
85	11.608	17.000	28.416	26.536	19.936	22.592	10.976	16.064	13.400	17.208
86	10.216	15.024	25.296	21.832	16.144	18.040	10.168	12.816	10.528	14.928
87	8.960	12.920	20.888	17.984	12.784	13.864	9.504	10.696	9.216	11.992
88	7.744	11.048	16.464	14.984	10.344	11.600	8.816	9.192	8.720	9.120
89	6.872	9.600	12.168	11.976	9.400	9.088	8.000	9.440	8.376	8.776
90	6.352	8.528	10.192	9.064	9.048	9.416	7.976	9.752	8.336	8.408
91	6.032	7.952	10.624	7.960	9.096	10.160	7.984	10.200	8.664	7.424
92	6.088	7.800	9.736	7.536	9.080	10.496	7.976	10.704	8.704	7.568
93	6.176	7.520	9.424	6.648	8.920	10.792	8.056	10.520	8.712	7.712
94	6.432	7.256	9.320	6.576	8.640	10.480	8.168	10.040	9.264	8.672
95	6.672	7.312	9.560	6.800	8.840	9.984	8.344	9.504	9.528	9.432
96	6.864	7.584	9.528	8.472	8.912	9.368	8.360	9.336	8.664	9.296
97	7.888	9.848	9.344	9.616	8.504	9.056	8.504	9.184	8.288	9.032
98	8.160	9.368	8.704	8.128	8.104	8.880	8.448	9.144	8.448	8.728
99	7.184	8.672	8.472	8.256	8.000	8.768	8.472	9.280	8.328	8.088
100	6.704	8.064	7.992	7.616	8.088	8.880	8.552	9.448	8.296	7.856
101	6.304	7.576	7.704	7.416	7.960	9.040	8.608	9.592	8.424	7.712
102	6.072	7.360	7.072	7.472	8.072	9.144	8.688	9.744	8.576	7.056
103	5.904	7.120	6.904	7.320	8.216	9.328	8.792	9.800	8.728	7.032
104	5.832	7.096	6.816	6.880	8.392	9.424	8.936	9.936	8.872	7.104
105	5.736	6.944	6.824	6.928	8.584	9.488	9.048	10.056	8.976	7.200
106	5.720	6.824	6.816	7.040	8.728	9.616	9.192	10.216	9.072	7.288
107	5.728	6.528	6.808	7.168	8.856	9.824	9.408	10.264	9.184	7.384
108	5.816	6.512	6.808	7.296	9.000	9.984	9.712	10.360	9.296	7.472
109	6.000	6.488	6.864	7.440	9.144	10.096	10.232	10.520	9.416	7.552

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CANDELA TABULATION - (Cont.)

110	6.328	6.448	6.792	7.568	9.304	10.296	10.696	10.672	9.528	7.600
111	7.752	6.456	6.712	7.672	9.448	10.480	10.800	10.848	9.664	7.656
112	12.624	6.688	6.624	7.792	9.608	10.632	10.960	11.072	9.784	7.696
113	11.416	10.184	6.592	7.888	9.752	10.864	11.272	11.352	9.896	7.712
114	11.464	12.896	6.536	7.960	9.896	11.112	11.632	11.744	10.016	7.720
115	15.696	12.552	6.496	7.992	10.024	11.432	12.160	12.032	10.144	7.720
116	21.168	10.256	6.488	8.024	10.136	11.752	12.632	12.104	10.248	7.744
117	17.128	8.336	6.456	8.056	10.224	11.840	12.752	12.048	10.352	7.768
118	10.080	7.608	6.432	8.096	10.320	11.824	12.776	12.040	10.448	7.808
119	8.032	7.288	6.424	8.128	10.400	11.832	12.752	12.072	10.544	7.880
120	7.464	6.960	6.440	8.152	10.472	11.912	12.680	12.208	10.616	7.936
121	7.016	6.624	6.464	8.152	10.536	12.056	12.632	12.440	10.680	7.984
122	6.656	6.376	6.512	8.168	10.600	12.208	12.672	12.600	10.744	8.040
123	6.440	6.272	6.576	8.200	10.672	12.424	12.816	12.704	10.816	8.096
124	6.296	6.208	6.640	8.224	10.744	12.464	12.984	12.752	10.880	8.144
125	6.192	6.136	6.704	8.256	10.800	12.496	13.152	12.808	10.912	8.192
126	5.968	6.088	6.760	8.280	10.864	12.520	13.200	12.776	10.952	8.256
127	5.816	6.040	6.832	8.312	10.920	12.496	13.112	12.720	10.992	8.304
128	5.736	5.984	6.904	8.352	10.968	12.496	12.920	12.768	11.040	8.352
129	5.648	5.976	6.984	8.384	11.024	12.504	12.704	12.888	11.088	8.400
130	5.608	5.976	7.080	8.432	11.080	12.456	12.520	12.864	11.128	8.456
131	5.608	6.008	7.176	8.488	11.136	12.432	12.400	12.696	11.144	8.512
132	5.632	6.056	7.248	8.552	11.176	12.432	12.312	12.704	11.144	8.568
133	5.680	6.120	7.312	8.624	11.208	12.496	12.256	12.768	11.160	8.616
134	5.728	6.216	7.360	8.680	11.248	12.576	12.216	12.888	11.192	8.656
135	5.776	6.312	7.432	8.744	11.288	12.584	12.176	12.904	11.248	8.696
136	5.848	6.424	7.528	8.808	11.352	12.600	12.160	12.864	11.296	8.728
137	5.936	6.544	7.632	8.864	11.440	12.640	12.184	12.808	11.368	8.768
138	6.048	6.664	7.752	8.912	11.504	12.704	12.224	12.840	11.416	8.808
139	6.176	6.816	7.864	8.960	11.544	12.816	12.288	12.920	11.456	8.848
140	6.328	6.960	7.928	9.008	11.544	12.928	12.344	13.040	11.480	8.904
141	6.472	7.096	7.984	9.048	11.552	13.032	12.432	13.136	11.624	8.952
142	6.632	7.264	8.032	9.104	11.632	13.144	12.584	13.224	11.832	9.008
143	6.824	7.472	8.080	9.144	11.744	13.328	12.864	13.432	11.808	9.064
144	7.032	7.680	8.136	9.192	11.776	13.648	13.272	13.592	11.592	9.120
145	7.264	7.880	8.192	9.248	11.696	13.864	13.360	13.640	11.384	9.184
146	7.504	8.064	8.240	9.296	11.552	14.008	13.680	13.744	11.240	9.256
147	7.752	8.200	8.272	9.352	11.416	14.048	14.264	13.864	11.144	9.312
148	8.000	8.312	8.304	9.408	11.312	14.000	14.912	13.904	11.088	9.376
149	8.216	8.376	8.328	9.456	11.248	13.968	15.296	13.648	11.048	9.440
150	8.376	8.424	8.368	9.496	11.208	13.768	15.240	13.440	11.048	9.496
151	8.504	8.464	8.400	9.544	11.192	13.536	14.760	13.248	11.056	9.552
152	8.616	8.504	8.440	9.592	11.192	13.272	14.336	13.072	11.080	9.616
153	8.712	8.552	8.496	9.640	11.200	13.064	13.992	12.864	11.104	9.672
154	8.816	8.608	8.560	9.696	11.216	12.872	13.672	12.664	11.176	9.728
155	8.928	8.664	8.624	9.760	11.240	12.696	13.328	12.512	11.232	9.808
156	9.032	8.704	8.704	9.816	11.272	12.544	13.080	12.384	11.200	9.896
157	9.120	8.736	8.752	9.888	11.320	12.400	12.904	12.280	11.176	10.016
158	9.176	8.784	8.784	9.984	11.288	12.288	12.760	12.208	11.168	10.104
159	9.232	8.824	8.864	10.088	11.288	12.184	12.632	12.144	11.192	10.072
160	9.288	8.872	8.944	10.176	11.304	12.104	12.528	12.112	11.216	10.080
161	9.360	8.920	9.032	10.184	11.328	12.048	12.448	12.072	11.240	10.120
162	9.440	8.984	9.120	10.232	11.352	12.000	12.400	12.032	11.248	10.176
163	9.512	9.040	9.208	10.296	11.360	11.952	12.360	11.992	11.264	10.216
164	9.584	9.112	9.288	10.352	11.368	11.888	12.328	11.968	11.264	10.264
165	9.656	9.184	9.376	10.400	11.368	11.840	12.280	11.928	11.256	10.296

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CANDELA TABULATION - (Cont.)

166	9.728	9.256	9.464	10.440	11.360	11.784	12.232	11.888	11.248	10.336
167	9.816	9.344	9.552	10.480	11.352	11.736	12.192	11.840	11.216	10.368
168	9.912	9.440	9.648	10.512	11.336	11.680	12.152	11.800	11.192	10.400
169	10.016	9.544	9.736	10.544	11.312	11.632	12.120	11.760	11.168	10.432
170	10.120	9.648	9.832	10.568	11.280	11.568	12.088	11.704	11.144	10.464
171	10.224	9.760	9.920	10.592	11.248	11.520	12.056	11.656	11.112	10.488
172	10.320	9.880	10.000	10.616	11.200	11.448	12.008	11.592	11.072	10.504
173	10.416	9.992	10.080	10.624	11.144	11.376	11.952	11.544	11.040	10.536
174	10.528	10.120	10.168	10.648	11.104	11.296	11.888	11.456	10.992	10.560
175	10.616	10.224	10.216	10.640	11.008	11.184	11.800	11.352	10.920	10.568
176	10.720	10.312	10.264	10.616	10.912	11.056	11.696	11.224	10.856	10.568
177	10.824	10.384	10.288	10.592	10.776	10.896	11.576	11.088	10.776	10.576
178	10.936	10.472	10.344	10.576	10.696	10.752	11.448	10.952	10.688	10.560
179	11.072	10.608	10.448	10.584	10.632	10.656	11.328	10.840	10.608	10.576
180	11.192	11.192	11.192	11.192	11.192	11.192	11.192	11.192	11.192	11.192

Vert. Angles **Horizontal Angles**

	<u>300</u>	<u>330</u>	<u>360</u>
0	352.664	352.664	352.664
1	357.576	359.968	358.248
2	362.176	367.112	366.224
3	367.320	374.784	373.968
4	372.656	382.424	381.880
5	377.592	389.736	389.376
6	382.528	396.736	397.176
7	388.288	403.976	404.712
8	393.616	411.160	413.064
9	399.104	419.496	421.624
10	405.000	428.000	430.000
11	411.096	436.616	438.664
12	417.400	445.976	448.792
13	423.640	455.344	458.944
14	430.152	463.848	468.816
15	436.808	474.528	478.952
16	444.208	485.656	488.392
17	451.752	497.240	497.848
18	459.840	507.464	507.304
19	467.976	517.736	516.688
20	476.888	531.816	526.960
21	486.072	542.808	536.552
22	495.176	547.528	546.360
23	503.736	556.184	556.832
24	511.544	567.680	567.520
25	518.872	577.144	579.560
26	526.760	584.424	590.608
27	534.512	592.488	601.744
28	543.088	602.000	612.368
29	552.680	612.272	620.560
30	562.320	621.800	628.912
31	571.912	630.104	637.816
32	581.720	637.784	646.592
33	591.848	645.872	653.800
34	601.296	654.152	660.248
35	609.432	662.512	666.080
36	617.176	669.784	670.688

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

37	624.224	675.416	673.920
38	630.376	679.456	676.056
39	635.864	683.096	677.832
40	641.272	686.384	677.920
41	646.456	688.656	675.760
42	650.976	689.896	672.688
43	655.352	690.048	668.520
44	658.840	688.960	662.504
45	661.656	686.576	653.504
46	664.728	682.688	642.088
47	667.184	677.008	627.520
48	669.032	668.264	610.152
49	669.984	656.704	589.416
50	669.816	642.104	565.192
51	667.464	624.992	540.808
52	663.552	604.816	515.592
53	659.240	580.392	489.776
54	654.088	554.160	465.632
55	647.488	528.392	439.144
56	639.320	504.392	411.408
57	629.504	480.616	380.800
58	618.672	456.568	349.504
59	607.096	427.824	317.176
60	596.032	396.128	285.104
61	582.112	362.376	255.888
62	566.992	327.992	227.304
63	548.512	294.136	190.424
64	526.544	262.728	153.440
65	500.664	228.904	125.168
66	470.984	192.600	110.808
67	434.064	156.288	95.744
68	399.024	128.816	78.920
69	363.608	106.064	62.872
70	326.872	90.304	51.256
71	285.032	76.824	44.912
72	239.176	65.376	40.848
73	198.992	56.952	37.472
74	171.816	50.448	34.400
75	154.392	44.592	31.600
76	136.648	39.680	29.120
77	112.728	35.792	26.416
78	85.144	32.344	23.952
79	67.088	29.384	21.608
80	52.264	26.608	19.272
81	42.400	24.096	17.856
82	32.592	22.440	16.200
83	27.952	20.488	14.512
84	25.832	18.536	13.008
85	20.968	16.320	11.608
86	17.152	13.984	10.216
87	13.600	11.888	8.960
88	11.456	10.648	7.744
89	11.432	9.512	6.872
90	11.128	9.144	6.352
91	10.504	8.944	6.032
92	10.120	8.592	6.088

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

93	9.824	8.376	6.176
94	10.824	8.480	6.432
95	10.232	9.032	6.672
96	10.712	11.392	6.864
97	10.480	10.352	7.888
98	9.072	9.560	8.160
99	9.184	8.864	7.184
100	8.264	8.528	6.704
101	7.608	8.184	6.304
102	7.424	7.944	6.072
103	7.424	7.864	5.904
104	7.416	7.792	5.832
105	7.336	7.632	5.736
106	7.256	7.344	5.720
107	7.256	7.352	5.728
108	7.200	7.400	5.816
109	7.024	7.360	6.000
110	6.832	7.408	6.328
111	6.656	8.080	7.752
112	6.600	12.920	12.624
113	6.632	15.248	11.416
114	6.696	14.560	11.464
115	6.664	11.904	15.696
116	6.656	9.640	21.168
117	6.640	8.728	17.128
118	6.640	8.312	10.080
119	6.656	7.920	8.032
120	6.680	7.576	7.464
121	6.720	7.384	7.016
122	6.784	7.264	6.656
123	6.832	7.136	6.440
124	6.880	7.080	6.296
125	6.944	6.984	6.192
126	7.000	6.880	5.968
127	7.080	6.808	5.816
128	7.168	6.784	5.736
129	7.264	6.792	5.648
130	7.368	6.784	5.608
131	7.440	6.768	5.608
132	7.488	6.824	5.632
133	7.552	6.936	5.680
134	7.600	7.128	5.728
135	7.672	7.160	5.776
136	7.776	7.256	5.848
137	7.896	7.336	5.936
138	8.000	7.424	6.048
139	8.088	7.496	6.176
140	8.176	7.584	6.328
141	8.264	7.712	6.472
142	8.304	7.848	6.632
143	8.360	8.024	6.824
144	8.400	8.200	7.032
145	8.440	8.376	7.264
146	8.488	8.528	7.504
147	8.528	8.648	7.752
148	8.544	8.712	8.000

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

149	8.552	8.760	8.216
150	8.568	8.784	8.376
151	8.560	8.800	8.504
152	8.640	8.824	8.616
153	8.720	8.856	8.712
154	8.936	8.888	8.816
155	9.000	8.896	8.928
156	8.928	8.904	9.032
157	8.936	8.896	9.120
158	8.984	8.904	9.176
159	9.056	8.920	9.232
160	9.128	8.944	9.288
161	9.200	8.976	9.360
162	9.272	9.016	9.440
163	9.344	9.064	9.512
164	9.416	9.104	9.584
165	9.480	9.160	9.656
166	9.552	9.224	9.728
167	9.608	9.288	9.816
168	9.688	9.384	9.912
169	9.760	9.480	10.016
170	9.832	9.568	10.120
171	9.920	9.672	10.224
172	10.008	9.792	10.320
173	10.088	9.888	10.416
174	10.168	9.992	10.528
175	10.232	10.072	10.616
176	10.288	10.168	10.720
177	10.344	10.240	10.824
178	10.392	10.320	10.936
179	10.472	10.424	11.072
180	11.192	11.192	11.192

IES INDOOR REPORT
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	134.32	6.60	8.20
0-30	306.57	15.00	18.80
0-40	555.37	27.30	34.10
0-60	1201.7	59.00	73.70
0-80	1550.13	76.10	95.10
0-90	1571.84	77.10	96.40
10-90	1538.27	75.50	94.40
20-40	421.05	20.70	25.80
20-50	738.24	36.20	45.30
40-70	885.62	43.50	54.30
60-80	348.42	17.10	21.40
70-80	109.14	5.40	6.70
80-90	21.72	1.10	1.30
90-110	18.00	0.90	1.10
90-120	27.55	1.40	1.70
90-130	35.72	1.80	2.20
90-150	49.34	2.40	3.00
90-180	58.16	2.90	3.60
110-180	40.16	2.00	2.50
0-180	1630.00	80.00	100.00

Total Luminaire Efficiency = 80.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	33.57
10-20	100.75
20-30	172.25
30-40	248.80
40-50	317.20
50-60	329.14
60-70	239.29
70-80	109.14
80-90	21.72
90-100	9.54
100-110	8.46
110-120	9.55
120-130	8.17
130-140	7.24
140-150	6.39
150-160	4.82
160-170	2.98
170-180	1.02

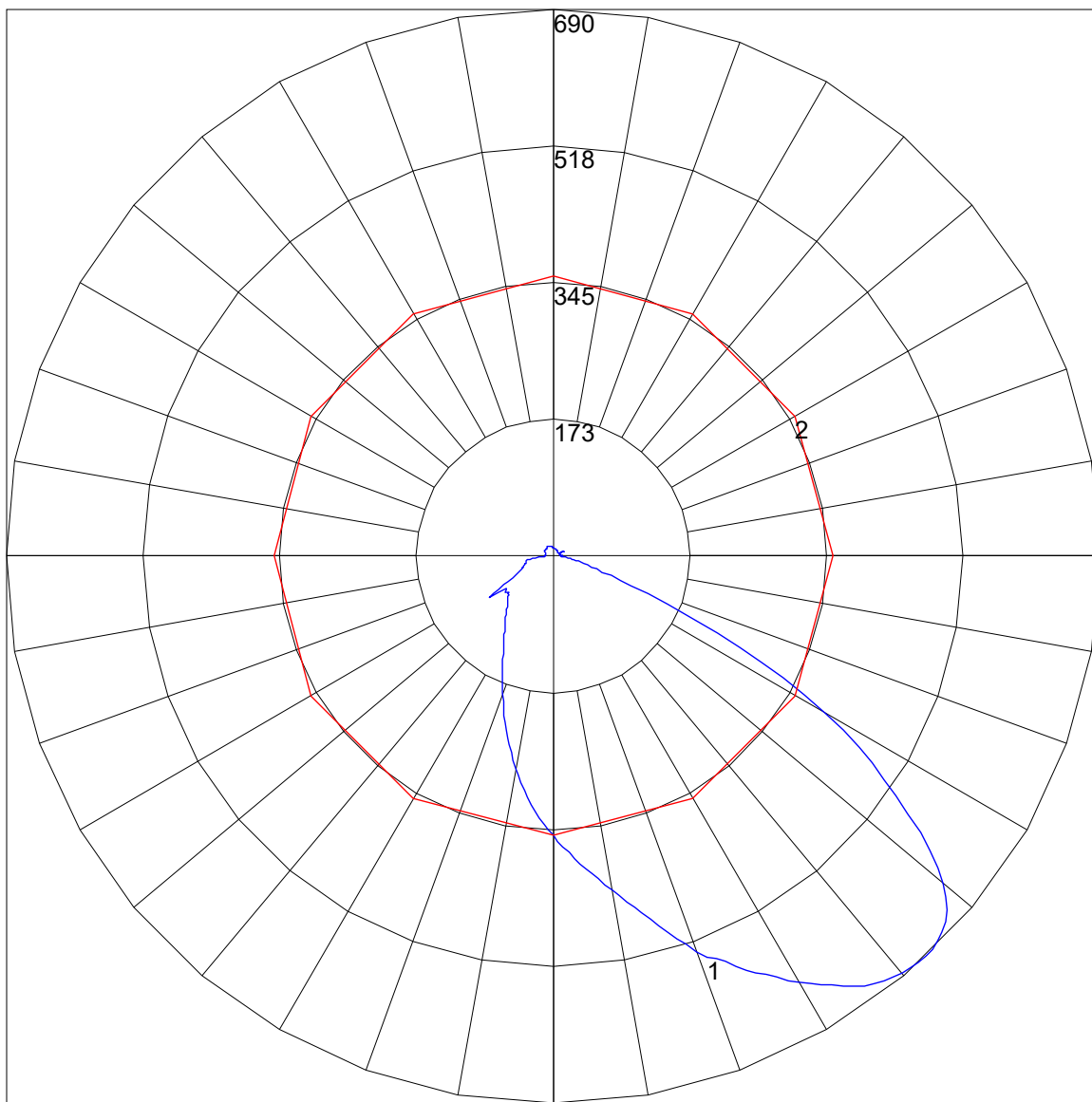
IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLS-2A-5700°K.IES

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	95	95	95	95	92	92	92	92	87	87	87	83	83	83	79	79	79	77
1	86	82	78	75	83	80	77	74	76	73	71	72	70	68	69	67	66	64
2	78	71	65	60	75	69	64	59	65	61	57	62	59	55	60	56	54	52
3	70	61	54	49	68	60	53	48	57	51	47	54	49	46	52	48	44	42
4	64	53	46	40	61	52	45	40	50	44	39	47	42	38	45	41	37	35
5	58	47	39	34	56	46	39	33	44	38	33	42	36	32	40	35	32	30
6	53	42	34	29	51	41	34	29	39	33	28	37	32	28	36	31	27	25
7	49	37	30	25	47	37	30	25	35	29	24	34	28	24	32	27	24	22
8	45	34	27	22	44	33	26	22	32	26	21	31	25	21	29	24	21	19
9	42	31	24	19	41	30	24	19	29	23	19	28	22	19	27	22	18	17
10	39	28	22	17	38	28	21	17	27	21	17	26	20	17	25	20	16	15

POLAR GRAPH



Maximum Candela = 690.048 Located At Horizontal Angle = 330, Vertical Angle = 43
1 - Vertical Plane Through Horizontal Angles (330 - 150) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0)