



IES INDOOR REPORT

PHOTOMETRIC FILENAME : BLS-6A-5700°K.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] -

[TESTLAB] BEGHELLI

[TESTDATE] 2017-2-14

[ISSUEDATE] 2017-2-14 15:9:47

[NEARFIELD]

[LAMPPOSITION] "0,0"

[OTHER]

[MANUFAC] BEGHELLI

[LUMCAT] BLS-6A-5700°K

[OTHER] TOTAL LUMINAIRE WATTS REPRESENT LUMINAIRE POWER DELIVERY

CHARACTERISTICS

Lumens Per Lamp	6110.39 (1 lamp)
Total Lamp Lumens	6110.39
Luminaire Lumens	4888
Total Luminaire Efficiency	80 %
Luminaire Efficacy Rating (LER)	144
Total Luminaire Watts	33.9
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.36
Spacing Criterion (90-270)	1.50
Spacing Criterion (Diagonal)	1.46
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLS-6A-5700°K.IES

CANDELA TABULATION

	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>	<u>112.5</u>	<u>135.0</u>	<u>157.5</u>	<u>180.0</u>	<u>202.5</u>
0	1666.804	1666.804	1666.804	1666.804	1666.804	1666.804	1666.804	1666.804	1666.804	1666.804
1	1665.592	1666.032	1671.360	1671.600	1675.512	1674.680	1672.192	1668.816	1667.888	1660.360
2	1661.384	1663.000	1670.872	1666.864	1671.656	1671.704	1664.616	1657.912	1657.136	1649.944
3	1656.208	1655.568	1661.928	1653.368	1661.432	1660.896	1651.856	1637.432	1639.344	1636.944
4	1651.856	1647.552	1652.784	1641.832	1646.872	1650.680	1640.416	1613.184	1622.864	1620.176
5	1649.312	1643.296	1646.280	1634.456	1640.024	1648.824	1627.512	1591.480	1604.048	1611.872
6	1642.760	1640.168	1645.888	1632.056	1642.368	1652.200	1619.200	1569.632	1566.992	1587.672
7	1634.016	1635.088	1650.584	1631.520	1652.392	1666.128	1610.256	1528.080	1513.320	1543.088
8	1629.664	1633.032	1658.208	1631.472	1666.272	1689.496	1587.376	1493.032	1473.184	1503.984
9	1628.000	1633.032	1663.144	1630.640	1678.888	1695.120	1548.760	1470.304	1449.872	1476.264
10	1629.616	1637.528	1666.912	1631.472	1694.136	1686.904	1502.760	1445.520	1439.848	1446.888
11	1633.232	1643.400	1669.400	1635.384	1703.672	1666.712	1458.424	1413.400	1406.216	1403.672
12	1641.488	1648.432	1671.600	1637.968	1698.736	1637.088	1421.320	1371.800	1363.496	1349.856
13	1646.136	1649.656	1671.408	1638.848	1691.304	1599.352	1391.648	1337.048	1337.440	1319.208
14	1649.800	1654.640	1671.408	1639.680	1681.816	1567.920	1369.016	1311.480	1312.896	1299.704
15	1650.632	1662.464	1663.440	1636.896	1668.864	1547.000	1363.544	1291.048	1288.216	1286.792
16	1650.680	1669.840	1653.760	1636.600	1651.216	1544.552	1352.400	1277.408	1262.600	1273.544
17	1659.728	1674.440	1645.888	1637.728	1634.504	1549.392	1320.968	1266.360	1235.224	1258.104
18	1674.144	1677.808	1638.952	1640.224	1619.496	1551.256	1295.104	1254.240	1209.168	1241.384
19	1684.800	1681.768	1633.816	1647.648	1610.256	1547.392	1281.416	1241.384	1180.816	1219.584
20	1690.616	1681.576	1633.520	1654.544	1610.256	1535.320	1272.376	1222.904	1149.288	1191.720
21	1699.024	1677.128	1633.232	1656.600	1610.056	1519.528	1266.512	1193.328	1107.056	1159.064
22	1702.544	1673.752	1621.792	1655.864	1614.704	1514.056	1259.032	1157.840	1053.624	1121.128
23	1703.376	1672.536	1609.280	1656.104	1640.904	1517.720	1250.376	1117.712	995.008	1080.512
24	1692.968	1668.672	1601.648	1661.384	1662.168	1527.744	1242.312	1073.424	927.752	1033.824
25	1665.832	1665.784	1590.704	1665.056	1659.872	1535.808	1232.584	1027.424	851.392	985.288
26	1640.168	1660.016	1586.496	1675.712	1659.672	1536.440	1221.096	973.504	769.512	937.088
27	1611.672	1647.552	1585.032	1673.360	1661.288	1531.208	1208.192	918.752	693.352	894.952
28	1584.984	1631.176	1583.072	1650.928	1660.408	1520.944	1194.752	869.776	624.968	858.432
29	1557.512	1609.424	1579.456	1635.280	1654.008	1512.880	1179.496	824.216	565.376	817.176
30	1535.560	1583.320	1575.840	1628.192	1637.680	1510.632	1168.592	781.000	510.872	772.792
31	1514.880	1555.656	1569.680	1619.400	1633.280	1509.608	1161.656	742.336	463.992	728.552
32	1494.160	1524.560	1562.888	1610.792	1634.888	1512.488	1161.656	702.008	433.832	690.032
33	1471.912	1494.112	1553.352	1611.376	1644.768	1529.304	1162.192	663.728	408.904	654.440
34	1454.760	1467.712	1543.184	1627.512	1645.256	1547.784	1161.944	630.248	388.032	622.232
35	1436.328	1445.520	1528.080	1646.576	1637.968	1554.968	1161.656	596.960	371.608	590.944
36	1412.520	1422.448	1521.968	1657.768	1625.608	1554.720	1161.312	568.016	356.304	561.760
37	1384.272	1397.464	1516.448	1655.568	1615.928	1556.536	1158.432	540.200	344.768	530.576
38	1349.608	1370.144	1508.920	1639.584	1607.760	1562.640	1148.752	513.952	333.768	497.528
39	1298.824	1333.432	1496.160	1621.496	1601.648	1569.096	1135.992	488.488	321.944	470.152
40	1244.608	1292.416	1480.864	1613.288	1596.616	1570.512	1117.856	463.112	312.312	443.024
41	1198.656	1248.664	1466.688	1615.880	1590.112	1567.088	1099.624	439.848	301.608	420.536
42	1152.120	1196.312	1450.752	1626.536	1582.096	1557.904	1081.536	419.904	291.288	401.424
43	1111.064	1149.088	1430.512	1627.800	1574.176	1549.344	1066.920	403.576	282.544	389.256
44	1076.792	1099.816	1403.776	1624.136	1568.560	1539.128	1057.488	389.256	275.504	379.136
45	1051.032	1055.624	1369.160	1618.664	1563.328	1530.040	1046.536	378.496	269.536	369.408
46	1032.160	1020.776	1334.016	1617.096	1555.704	1515.424	1036.512	370.872	264.304	360.608
47	1030.792	993.496	1299.504	1621.256	1549.296	1500.024	1025.664	363.000	259.224	353.272
48	1050.784	982.352	1259.032	1625.456	1540.496	1487.608	1014.760	356.208	253.256	350.048
49	1125.872	980.496	1204.376	1627.216	1528.720	1473.824	1003.912	350.440	249.152	345.696
50	1235.664	995.992	1142.736	1626.976	1522.216	1459.400	990.272	347.312	246.560	342.272
51	1216.112	1086.328	1100.600	1623.992	1516.984	1441.856	968.808	345.304	242.992	339.784
52	1056.504	1173.928	1072.880	1621.104	1513.416	1412.720	940.656	343.400	242.456	335.384
53	903.992	1119.616	1063.304	1619.056	1515.376	1379.624	903.648	340.856	242.160	329.128

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLS-6A-5700°K.IES

CANDELA TABULATION - (Cont.)

54	726.352	961.920	1061.736	1613.088	1522.408	1339.880	858.528	338.216	242.456	321.696
55	589.328	828.760	1060.904	1607.032	1526.368	1298.920	810.968	332.888	242.752	314.264
56	507.840	696.872	1069.752	1612.696	1516.304	1256.048	763.696	322.432	243.920	306.688
57	453.488	613.384	1114.040	1597.304	1483.208	1207.896	718.288	311.040	246.712	293.344
58	419.312	553.400	1091.896	1576.816	1438.576	1152.416	674.240	294.808	249.840	280.048
59	390.624	521.432	1017.840	1543.336	1382.848	1100.256	636.256	280.000	257.024	270.464
60	369.064	492.200	934.248	1491.760	1323.944	1051.664	608.344	269.928	263.768	265.232
61	352.200	469.176	848.312	1428.360	1253.752	1006.056	579.264	264.304	271.344	264.408
62	336.504	446.496	790.536	1327.120	1183.456	964.560	539.472	261.768	271.008	260.984
63	324.384	422.640	755.776	1238.160	1112.232	922.808	483.936	257.368	268.464	249.840
64	307.768	401.912	730.800	1173.776	1066.968	872.904	424.256	247.592	260.888	232.928
65	292.168	383.728	711.880	1075.424	1057.240	809.648	368.040	233.312	248.520	216.696
66	273.152	365.056	701.080	985.384	1077.872	745.808	319.840	218.552	245.584	206.280
67	269.784	354.840	693.696	908.880	1060.176	686.264	294.128	207.992	250.032	207.552
68	260.296	345.408	679.664	868.016	977.320	628.728	282.880	205.744	253.648	213.912
69	255.952	334.064	666.416	884.728	877.304	560.880	260.200	205.448	246.856	212.536
70	246.272	319.200	632.840	845.528	767.072	502.952	229.064	197.976	228.624	199.192
71	236.832	309.768	580.336	766.584	669.008	452.552	200.616	176.560	206.968	177.688
72	231.064	294.960	520.064	688.072	608.784	407.728	178.368	156.376	186.880	167.424
73	219.680	285.032	465.120	584.296	622.080	369.304	165.760	153.928	161.216	172.552
74	212.248	276.480	415.744	482.568	643.152	322.920	154.856	164.440	128.464	185.312
75	207.112	261.768	378.400	404.600	594.760	272.320	147.920	175.976	100.352	176.416
76	207.360	245.680	349.416	387.344	511.360	229.848	141.464	165.856	97.568	142.976
77	204.624	222.608	330.840	400.984	436.864	205.112	129.536	130.952	104.848	99.280
78	157.544	208.384	309.960	376.056	395.952	186.048	116.384	90.336	103.040	67.208
79	111.400	196.656	288.112	325.016	340.024	157.936	100.600	65.008	90.720	60.368
80	82.024	177.440	259.128	264.992	259.024	130.808	88.720	64.176	76.152	64.616
81	78.304	137.208	224.568	229.744	263.864	112.328	88.912	71.120	65.744	64.720
82	82.752	104.264	194.352	227.792	271.832	100.056	85.296	67.552	56.408	59.440
83	47.856	73.568	173.776	195.288	215.376	89.064	78.304	55.624	26.736	50.000
84	24.336	69.752	162.096	158.720	156.912	74.640	63.200	41.696	7.088	41.984
85	19.448	54.888	140.240	152.264	112.424	54.600	41.304	36.704	0.000	37.096
86	13.536	28.544	112.480	134.032	85.296	37.488	26.248	36.024	0.000	27.368
87	8.552	19.400	88.864	93.072	64.472	26.200	18.328	28.544	0.000	16.912
88	5.128	15.248	72.000	68.920	51.664	21.704	16.712	17.448	0.000	10.896
89	2.000	10.456	60.416	63.688	44.824	21.112	15.488	10.600	0.000	7.424
90	0.000	6.208	41.208	52.640	38.176	17.304	10.264	4.936	0.000	0.536
91	0.000	1.952	26.784	34.752	28.792	10.944	4.448	0.000	0.000	0.000
92	0.000	0.048	11.192	20.768	20.480	5.568	0.000	0.000	0.000	0.000
93	0.000	0.000	3.320	10.600	11.728	0.536	0.000	0.000	0.000	0.000
94	0.000	0.000	0.000	2.248	4.344	0.000	0.000	0.000	0.000	0.000
95	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
96	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
97	0.000	0.000	0.000	0.000	0.240	0.000	0.000	0.000	0.000	0.000
98	0.000	0.000	0.000	0.000	0.000	0.240	0.000	0.000	0.000	0.000
99	0.000	0.000	0.000	0.000	0.776	0.536	0.240	0.000	0.000	0.000
100	0.000	0.000	0.000	0.000	0.536	0.240	0.000	0.000	0.000	0.000
101	0.000	0.000	0.000	0.000	0.536	0.824	0.000	0.000	0.000	0.000
102	0.000	0.000	0.000	0.000	0.536	0.536	0.536	0.000	0.000	0.000
103	0.000	0.000	0.000	0.000	0.536	0.536	0.536	0.000	0.000	0.000
104	0.000	0.000	0.000	0.000	0.536	0.536	0.824	0.000	0.000	0.000
105	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.240
106	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.000
107	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.000
108	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.000
109	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLS-6A-5700°K.IES

CANDELA TABULATION - (Cont.)

110	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.000
111	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.000
112	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.000
113	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.000
114	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.000
115	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.000
116	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.000
117	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.000
118	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.000
119	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.000
120	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.000
121	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.000
122	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.000
123	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.240
124	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.000	0.000	0.536
125	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.240	0.000	0.536
126	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.776	0.000	0.536
127	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.536	0.000	0.536
128	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.536	0.000	0.536
129	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.536	0.000	0.536
130	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.536	0.000	0.240
131	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.536	0.000	0.240
132	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.536	0.000	0.240
133	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.536	0.000	0.240
134	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.536	0.000	0.240
135	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.536	0.000	0.240
136	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.536	0.000	0.240
137	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.536	0.000	0.240
138	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.536	0.000	0.240
139	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.536	0.000	0.240
140	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.536	0.000	0.240
141	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.536	0.000	0.240
142	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.536	0.000	0.240
143	0.000	0.000	0.000	0.000	0.776	0.536	0.824	0.536	0.000	0.240
144	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.000	0.536
145	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
146	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
147	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
148	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
149	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
150	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
151	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
152	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.240
153	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
154	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
155	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
156	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
157	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
158	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
159	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
160	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
161	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
162	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
163	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
164	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
165	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLS-6A-5700°K.IES

CANDELA TABULATION - (Cont.)

166	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
167	0.000	0.000	0.000	0.000	0.776	0.536	0.536	0.536	0.240	0.000
168	0.000	0.000	0.000	0.000	0.536	0.536	0.536	0.536	0.240	0.000
169	0.000	0.000	0.000	0.000	0.536	0.536	0.536	0.536	0.240	0.000
170	0.000	0.000	0.000	0.000	0.536	0.536	0.536	0.536	0.240	0.000
171	0.000	0.000	0.000	0.000	0.536	0.536	0.240	0.536	0.240	0.000
172	0.000	0.000	0.240	0.000	0.536	0.536	0.240	0.536	0.240	0.000
173	0.000	0.000	0.240	0.000	0.536	0.536	0.240	0.536	0.240	0.000
174	0.000	0.000	0.240	0.000	0.776	0.536	0.240	0.536	0.240	0.000
175	0.000	0.000	0.240	0.000	0.240	0.536	0.240	0.536	0.000	0.000
176	0.000	0.000	0.240	0.000	0.240	0.536	0.240	0.536	0.000	0.000
177	0.000	0.000	0.240	0.000	0.240	0.536	0.240	0.536	0.000	0.000
178	0.000	0.000	0.240	0.536	0.240	0.536	0.240	0.536	0.000	0.000
179	0.000	0.240	0.240	0.536	0.240	0.536	0.240	0.536	0.000	0.000
180	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

Vert. Angles **Horizontal Angles**

	<u>225.0</u>	<u>247.5</u>	<u>270.0</u>	<u>292.5</u>	<u>315.0</u>	<u>337.5</u>	<u>360.0</u>
0	1666.804	1666.804	1666.804	1666.804	1666.804	1666.804	1666.804
1	1653.568	1646.672	1638.800	1643.496	1651.168	1659.672	1665.592
2	1646.432	1638.312	1631.032	1631.272	1641.784	1654.736	1661.384
3	1635.768	1639.632	1630.440	1630.104	1637.288	1650.632	1656.208
4	1635.768	1654.400	1637.584	1625.752	1631.864	1644.080	1651.856
5	1635.384	1671.064	1652.536	1622.472	1630.640	1642.128	1649.312
6	1629.120	1687.592	1663.976	1630.688	1639.632	1649.120	1642.760
7	1606.736	1696.192	1676.736	1641.104	1652.096	1660.848	1634.016
8	1558.440	1690.128	1686.368	1645.840	1663.832	1669.744	1629.664
9	1503.592	1672.680	1694.432	1652.976	1673.024	1678.304	1628.000
10	1452.952	1644.176	1696.928	1661.336	1677.568	1680.496	1629.616
11	1410.808	1606.688	1696.144	1665.056	1678.248	1680.256	1633.232
12	1381.632	1569.000	1688.712	1666.224	1673.264	1680.496	1641.488
13	1367.992	1553.456	1674.584	1662.856	1669.552	1682.992	1646.136
14	1368.336	1555.944	1664.616	1660.016	1662.464	1685.000	1649.800
15	1357.384	1566.408	1651.168	1660.264	1658.208	1686.416	1650.632
16	1324.048	1568.408	1634.400	1666.912	1655.032	1686.120	1650.680
17	1295.984	1558.392	1623.552	1675.168	1648.680	1681.672	1659.728
18	1280.096	1539.616	1628.392	1679.128	1645.992	1676.440	1674.144
19	1276.528	1512.928	1639.288	1677.808	1653.960	1673.216	1684.800
20	1275.360	1494.352	1652.640	1673.072	1662.704	1673.216	1690.616
21	1271.984	1489.168	1674.488	1676.880	1670.136	1680.496	1699.024
22	1267.000	1489.272	1688.128	1683.968	1678.400	1688.664	1702.544
23	1257.808	1495.376	1693.992	1693.112	1680.256	1691.648	1703.376
24	1247.640	1497.088	1685.048	1703.032	1675.760	1689.544	1692.968
25	1234.976	1496.648	1678.104	1706.016	1659.088	1678.936	1665.832
26	1219.920	1492.840	1672.872	1719.216	1648.384	1660.656	1640.168
27	1203.008	1491.424	1673.072	1726.888	1639.488	1633.816	1611.672
28	1188.984	1493.376	1673.904	1728.016	1639.144	1606.000	1584.984
29	1176.272	1493.128	1676.392	1719.952	1646.480	1577.600	1557.512
30	1170.208	1495.432	1675.664	1712.712	1650.440	1540.600	1535.560
31	1166.888	1509.896	1675.368	1714.184	1643.152	1507.792	1514.880
32	1167.768	1525.248	1675.072	1740.528	1630.056	1473.824	1494.160
33	1170.504	1539.224	1669.208	1770.296	1615.824	1444.832	1471.912
34	1170.504	1554.480	1661.488	1781.152	1603.264	1416.872	1454.760
35	1169.280	1564.160	1651.952	1778.120	1591.240	1395.120	1436.328
36	1164.048	1566.800	1641.440	1747.424	1584.888	1380.208	1412.520

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLS-6A-5700°K.IES

CANDELA TABULATION - (Cont.)

37	1158.328	1570.368	1635.624	1717.944	1579.120	1361.488	1384.272
38	1145.472	1569.728	1632.152	1697.608	1569.832	1344.576	1349.608
39	1123.576	1564.112	1628.832	1686.952	1558.736	1318.960	1298.824
40	1100.744	1552.424	1625.752	1681.480	1543.184	1284.496	1244.608
41	1085.544	1541.136	1625.656	1672.384	1525.488	1244.656	1198.656
42	1070.832	1532.240	1625.944	1666.272	1508.232	1198.368	1152.120
43	1058.024	1522.464	1620.128	1663.976	1493.816	1155.248	1111.064
44	1050.152	1510.240	1611.328	1664.224	1479.440	1110.128	1076.792
45	1043.408	1499.240	1602.584	1663.976	1457.448	1073.912	1051.032
46	1034.216	1487.120	1592.904	1673.560	1411.744	1043.848	1032.160
47	1018.232	1475.144	1583.856	1682.648	1368.480	1016.128	1030.792
48	995.648	1465.120	1575.696	1693.456	1325.168	1000.240	1050.784
49	967.592	1453.928	1573.200	1705.872	1284.008	991.104	1125.872
50	938.744	1434.080	1573.152	1717.264	1248.224	1003.032	1235.664
51	905.112	1405.632	1574.280	1731.192	1221.288	1106.416	1216.112
52	866.208	1376.544	1575.936	1741.552	1218.456	1191.568	1056.504
53	821.040	1342.472	1567.192	1750.744	1219.480	1121.032	903.992
54	772.008	1301.072	1541.672	1751.480	1202.720	971.400	726.352
55	724.736	1253.800	1508.336	1734.568	1175.248	852.080	589.328
56	682.160	1200.272	1463.120	1697.808	1181.696	730.896	507.840
57	646.864	1145.864	1409.048	1646.040	1217.968	649.704	453.488
58	617.344	1098.056	1330.936	1589.968	1193.528	591.040	419.312
59	589.624	1050.248	1245.784	1522.512	1111.600	550.368	390.624
60	555.752	1000.632	1177.832	1429.632	1033.824	520.800	369.064
61	510.336	939.776	1153.200	1304.592	959.624	496.896	352.200
62	452.216	868.064	1168.400	1218.360	919.096	473.920	336.504
63	389.496	800.064	1203.744	1188.736	900.376	455.248	324.384
64	336.608	742.288	1212.496	1174.024	882.384	439.456	307.768
65	302.872	686.216	1169.816	1182.920	854.768	424.888	292.168
66	285.864	627.608	1089.016	1186.976	825.336	410.176	273.152
67	270.072	568.848	965.240	1140.976	786.480	395.952	269.784
68	248.128	507.992	818.496	1051.720	733.096	378.208	260.296
69	221.192	448.544	765.656	947.592	672.824	363.536	255.952
70	197.040	398.248	783.448	793.464	599.256	349.904	246.272
71	178.712	364.472	801.536	616.560	526.224	337.824	236.832
72	165.904	322.528	750.304	538.056	464.144	327.216	231.064
73	159.840	270.416	659.384	516.544	418.192	317.440	219.680
74	151.336	230.288	580.192	521.384	404.800	298.136	212.248
75	140.336	208.632	535.560	504.224	392.136	279.360	207.112
76	125.920	190.104	520.800	444.096	372.536	252.576	207.360
77	110.328	162.384	386.808	353.272	341.984	234.096	204.624
78	98.840	136.528	290.752	297.648	297.160	220.168	157.544
79	94.144	119.128	264.304	295.888	252.624	199.784	111.400
80	91.944	109.200	218.256	261.912	213.912	177.536	82.024
81	89.304	97.520	188.096	200.664	194.552	136.136	78.304
82	79.336	80.064	159.256	188.976	187.808	101.184	82.752
83	56.312	59.392	124.400	169.424	175.096	82.808	47.856
84	36.856	39.592	93.752	106.464	148.504	72.880	24.336
85	21.552	28.544	66.768	78.600	120.296	53.720	19.448
86	17.640	24.000	53.960	72.584	102.800	29.080	13.536
87	16.760	22.528	44.288	61.048	84.712	19.552	8.552
88	14.512	20.528	33.576	43.744	66.328	15.736	5.128
89	8.840	13.736	22.288	32.256	46.680	9.088	2.000
90	4.200	8.792	16.568	23.952	26.976	4.248	0.000
91	0.000	2.736	9.480	14.464	12.168	0.240	0.000
92	0.000	0.536	4.592	5.272	4.104	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLS-6A-5700°K.IES

CANDELA TABULATION - (Cont.)

93	0.000	0.240	0.824	0.872	0.096	0.000	0.000
94	0.000	0.000	0.000	0.000	0.000	0.000	0.000
95	0.000	0.240	0.000	0.000	0.000	0.000	0.000
96	0.000	0.536	0.000	0.000	0.000	0.000	0.000
97	0.000	0.536	0.000	0.000	0.000	0.000	0.000
98	0.240	0.536	0.000	0.000	0.000	0.000	0.000
99	0.000	0.776	0.000	0.000	0.000	0.000	0.000
100	0.000	0.536	0.000	0.000	0.000	0.000	0.000
101	0.000	0.536	0.000	0.000	0.000	0.000	0.000
102	0.240	0.536	0.000	0.000	0.000	0.000	0.000
103	0.776	0.536	0.000	0.000	0.000	0.000	0.000
104	0.536	0.536	0.000	0.000	0.000	0.000	0.000
105	0.776	0.536	0.000	0.000	0.000	0.000	0.000
106	0.776	0.536	0.000	0.000	0.000	0.000	0.000
107	0.776	0.536	0.000	0.000	0.000	0.000	0.000
108	0.776	0.536	0.000	0.000	0.000	0.000	0.000
109	0.776	0.536	0.000	0.000	0.000	0.000	0.000
110	0.776	0.536	0.000	0.000	0.000	0.000	0.000
111	0.776	0.536	0.000	0.000	0.000	0.000	0.000
112	0.776	0.536	0.000	0.000	0.000	0.000	0.000
113	0.776	0.536	0.000	0.000	0.000	0.000	0.000
114	0.776	0.536	0.000	0.000	0.000	0.000	0.000
115	0.776	0.536	0.000	0.000	0.000	0.000	0.000
116	0.776	0.536	0.000	0.000	0.000	0.000	0.000
117	0.776	0.536	0.000	0.000	0.000	0.000	0.000
118	0.776	0.536	0.000	0.000	0.000	0.000	0.000
119	0.776	0.536	0.000	0.000	0.000	0.000	0.000
120	0.776	0.536	0.000	0.000	0.000	0.000	0.000
121	0.776	0.536	0.000	0.000	0.000	0.000	0.000
122	0.776	0.536	0.000	0.000	0.000	0.000	0.000
123	0.776	0.536	0.000	0.000	0.000	0.000	0.000
124	0.776	0.536	0.000	0.000	0.000	0.000	0.000
125	0.776	0.536	0.000	0.000	0.000	0.000	0.000
126	0.776	0.536	0.000	0.000	0.000	0.000	0.000
127	0.776	0.536	0.000	0.000	0.000	0.000	0.000
128	0.776	0.536	0.000	0.000	0.000	0.000	0.000
129	0.776	0.536	0.000	0.000	0.000	0.000	0.000
130	0.776	0.536	0.000	0.000	0.000	0.000	0.000
131	0.776	0.536	0.000	0.000	0.000	0.000	0.000
132	0.776	0.536	0.000	0.000	0.000	0.000	0.000
133	0.776	0.536	0.000	0.000	0.000	0.000	0.000
134	0.776	0.536	0.000	0.000	0.000	0.000	0.000
135	0.776	0.536	0.000	0.000	0.000	0.000	0.000
136	0.776	0.536	0.000	0.000	0.000	0.000	0.000
137	0.776	0.536	0.000	0.000	0.000	0.000	0.000
138	0.776	0.536	0.000	0.000	0.000	0.000	0.000
139	0.776	0.536	0.000	0.000	0.000	0.000	0.000
140	0.776	0.536	0.000	0.000	0.000	0.000	0.000
141	0.776	0.536	0.000	0.000	0.000	0.000	0.000
142	0.776	0.536	0.000	0.000	0.000	0.000	0.000
143	0.776	0.536	0.000	0.000	0.000	0.000	0.000
144	0.776	0.536	0.000	0.000	0.000	0.000	0.000
145	0.536	0.536	0.000	0.000	0.000	0.000	0.000
146	0.536	0.536	0.000	0.000	0.000	0.000	0.000
147	0.536	0.776	0.000	0.000	0.000	0.000	0.000
148	0.536	0.240	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLS-6A-5700°K.IES

CANDELA TABULATION - (Cont.)

149	0.536	0.536	0.000	0.000	0.000	0.000	0.000
150	0.536	0.240	0.000	0.000	0.000	0.000	0.000
151	0.536	0.240	0.000	0.000	0.000	0.000	0.000
152	0.536	0.240	0.000	0.000	0.000	0.000	0.000
153	0.536	0.240	0.536	0.000	0.000	0.000	0.000
154	0.536	0.240	0.240	0.000	0.000	0.000	0.000
155	0.536	0.240	0.240	0.240	0.000	0.000	0.000
156	0.536	0.240	0.776	0.536	0.000	0.000	0.000
157	0.536	0.240	0.536	0.240	0.000	0.000	0.000
158	0.536	0.240	0.536	0.240	0.000	0.000	0.000
159	0.536	0.240	0.536	0.240	0.000	0.000	0.000
160	0.536	0.240	0.536	0.240	0.000	0.000	0.000
161	0.536	0.240	0.536	0.240	0.000	0.000	0.000
162	0.536	0.240	0.536	0.240	0.000	0.000	0.000
163	0.536	0.240	0.536	0.240	0.000	0.000	0.000
164	0.536	0.240	0.536	0.240	0.000	0.000	0.000
165	0.536	0.240	0.536	0.240	0.000	0.000	0.000
166	0.536	0.240	0.536	0.240	0.000	0.000	0.000
167	0.536	0.240	0.536	0.240	0.000	0.000	0.000
168	0.536	0.240	0.536	0.240	0.000	0.000	0.000
169	0.536	0.240	0.536	0.240	0.000	0.000	0.000
170	0.536	0.240	0.536	0.240	0.000	0.000	0.000
171	0.536	0.240	0.536	0.240	0.240	0.000	0.000
172	0.536	0.240	0.536	0.240	0.240	0.000	0.000
173	0.536	0.240	0.536	0.240	0.240	0.000	0.000
174	0.536	0.240	0.536	0.240	0.240	0.000	0.000
175	0.536	0.240	0.536	0.240	0.536	0.000	0.000
176	0.536	0.240	0.536	0.240	0.776	0.000	0.000
177	0.776	0.240	0.536	0.240	0.536	0.000	0.000
178	0.240	0.240	0.536	0.240	0.536	0.000	0.000
179	0.240	0.240	0.536	0.240	0.536	0.000	0.000
180	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLS-6A-5700°K.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	591.08	9.70	12.10
0-30	1260.67	20.60	25.80
0-40	2085.07	34.10	42.70
0-60	3870.61	63.30	79.20
0-80	4802.97	78.60	98.30
0-90	4884.13	79.90	99.90
10-90	4729.04	77.40	96.70
20-40	1493.98	24.40	30.60
20-50	2396.3	39.20	49.00
40-70	2404.52	39.40	49.20
60-80	932.36	15.30	19.10
70-80	313.38	5.10	6.40
80-90	81.17	1.30	1.70
90-110	2.85	0.00	0.10
90-120	3.07	0.10	0.10
90-130	3.30	0.10	0.10
90-150	3.66	0.10	0.10
90-180	3.87	0.10	0.10
110-180	1.01	0.00	0.00
0-180	4888.00	80.00	100.00

Total Luminaire Efficiency = 80.00%

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	155.09
10-20	435.99
20-30	669.59
30-40	824.39
40-50	902.31
50-60	883.23
60-70	618.98
70-80	313.38
80-90	81.17
90-100	2.66
100-110	0.20
110-120	0.21
120-130	0.23
130-140	0.20
140-150	0.15
150-160	0.11
160-170	0.07
170-180	0.02

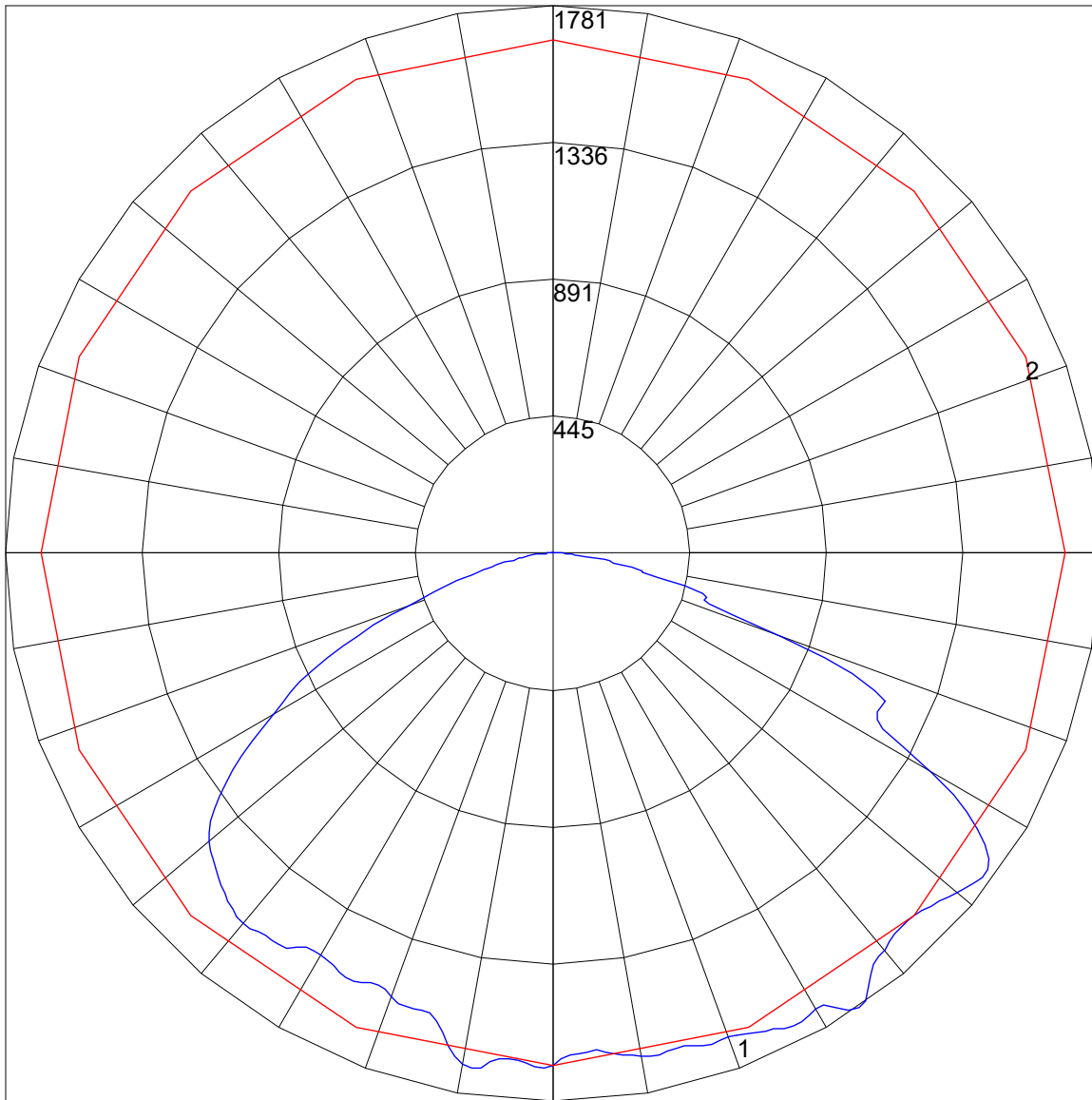
IES INDOOR REPORT
PHOTOMETRIC FILENAME : BLS-6A-5700°K.IES

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	93	93	93	93	89	89	89	85	85	85	82	82	82	80
1	87	83	80	77	85	81	78	75	78	75	73	75	73	71	72	70	69	67
2	79	72	67	62	77	71	66	61	68	64	60	65	62	59	63	60	57	55
3	72	63	57	51	70	62	56	51	60	54	50	57	53	49	55	51	48	46
4	66	56	49	43	64	55	48	43	53	47	42	51	46	42	49	45	41	39
5	60	50	42	37	58	49	42	37	47	41	36	46	40	36	44	39	36	34
6	55	45	37	32	54	44	37	32	42	36	32	41	36	31	40	35	31	29
7	51	40	33	28	50	40	33	28	38	32	28	37	32	28	36	31	27	26
8	48	37	30	25	46	36	30	25	35	29	25	34	29	25	33	28	25	23
9	45	34	27	23	43	33	27	22	32	26	22	31	26	22	31	26	22	21
10	42	31	25	20	41	31	24	20	30	24	20	29	24	20	28	23	20	19

POLAR GRAPH



Maximum Candela = 1781.152 Located At Horizontal Angle = 292.5, Vertical Angle = 34
1 - Vertical Plane Through Horizontal Angles (292.5 - 112.5) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (0)