



IES ROAD REPORT

PHOTOMETRIC FILENAME : BC-17 70HPS.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995

[TEST] Photopia 3.0.0.123 PHOTOMETRIC REPORT

[DATE] Mon Oct 08 10:17:40 2007

[LUMINAIRE] PROJECT: BC-17

[LAMP] HPS 70W coated B70

[LAMPCAT] SON Pro 70W E E27 CO CRP

CHARACTERISTICS

IES Classification	Type II
Longitudinal Classification	Short
Cutoff Classification	Full Cutoff
Total Rated Lamp Lumens	5600
Maximum Candela	1673.43
Maximum Candela Angle	75H 55V
Maximum Candela At 90 Degrees Vertical	0 (0.00% Lamp Lms)
Maximum Candela At 80 Degrees Vertical	261.96 (4.68% Lamp Lms)
Downward Total Efficiency	77.0%



IES ROAD REPORT
PHOTOMETRIC FILENAME : BC-17 70HPS.IES

CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>	<u>40</u>	<u>45</u>
0	805.06	805.06	805.06	805.06	805.06	805.06	805.06	805.06	805.06	805.06
2.5	767.69	854.54	802.46	720.17	815.56	742.4	817	755.78	934.39	793.9
5	794.14	795.56	827.24	799.05	765.68	804.69	811.82	781.14	742	797.15
7.5	855.61	813.31	787.86	738.52	802.41	840.35	819.89	788.37	824.46	827.99
10	814.77	809.38	815.23	837.16	852.08	871.06	814.26	865.05	808.62	866.76
12.5	909.1	887.1	883.92	835.33	901.24	869.56	916.86	858.05	895.71	860.72
15	943.9	895.31	897.86	917.89	938.48	903.36	975.15	942.04	919.42	937
17.5	953.83	958.71	926	949.32	995.14	971.3	993.4	954.72	986.22	986.75
20	1022.31	1031.57	1010.8	1010.12	982.88	1035.51	1058.71	1032.77	1058.21	1074.75
22.5	1066.61	1046.4	1049.96	1054.84	1069.59	1102.07	1078.21	1080.44	1087.06	1105.23
25	1059.03	1047.06	1042.92	1083.99	1089.55	1106.71	1154.51	1161.38	1176.38	1166.58
27.5	1118.04	1063.94	1078.14	1068.68	1074.27	1100.46	1131.03	1180.28	1201.96	1195.16
30	1026.27	1032.12	1060.98	1044.99	1079.98	1099.86	1121.68	1157.12	1213.49	1228.51
32.5	1022.83	993.06	1040.17	1040.34	1083.53	1095.82	1132.18	1146.9	1177.95	1197.18
35	962.03	985.78	960.65	990.74	1015.6	1054.78	1088.32	1096.69	1123.96	1148.39
37.5	975.27	906.78	952.29	978.25	1014.66	1027.35	1062.55	1058.88	1063.18	1083.96
40	875.23	879.95	891.72	924.68	963.44	962.88	991.62	982.45	975.79	1005.66
42.5	816.73	837.14	854.72	892.54	889.08	915.02	913	928.61	947	983.99
45	773.98	802.91	812.77	836.89	862.33	862.08	861.06	894.63	916.75	945
47.5	781.13	770.35	792.99	807.86	817.06	821.44	834.29	871.48	922.85	1012.53
50	747.4	729.24	748.97	757.43	767.14	789.72	836.6	876.81	927.17	1050.17
52.5	657.85	655.62	696.13	712.09	732.68	782.25	849.29	919.92	1016.82	1093.39
55	607.93	611.16	642.66	676.69	726.39	770.86	854.99	989.21	1072.62	1143.92
57.5	550.92	550.56	601.61	645.86	716.86	779.71	874.58	995.1	1092.52	1170.65
60	522.65	528.48	563.29	626.26	715.06	785.68	902.16	986.98	1102.97	1163.43
62.5	475.03	488.67	537.86	602.71	676.87	736.71	830.65	894.09	1013.5	1090.98
65	395.37	404.28	447.73	518.3	566.09	640.92	732.16	803.42	907	970.58
67.5	303.88	335.38	371.56	422.96	487.03	539.87	607.52	676.26	752.95	832.34
70	241.07	278.2	297.38	334.39	372.76	435.81	480.3	544.65	627.03	688.74
72.5	199.22	210.93	217.95	255.47	287.78	318.59	360.79	422.5	475.43	532.91
75	145.65	141.22	152.36	172.41	186.64	216.88	250.1	295.33	332.69	374.4
77.5	83.86	94.35	105.29	108.94	113.89	131.46	138.89	171.75	209.03	250.98
80	51.68	55.14	55.25	59.6	61.42	70.09	80.78	88.32	108.26	141.21
82.5	20.16	21.72	27.54	27.6	27.32	32.51	30.18	33.58	43.92	53.28
85	3.31	5.54	5.38	5.49	6.66	6.96	6.25	5.88	11.82	15.2
87.5	0.8	0.85	1.06	1.02	1.16	1.04	1.18	1.42	1.73	3.11
90	0	0	0	0	0	0	0	0	0	0
92.5	0	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0	0
97.5	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0
102.5	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0
107.5	0	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0
112.5	0	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0	0
117.5	0	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0	0
122.5	0	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0	0
127.5	0	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0	0

IES ROAD REPORT
PHOTOMETRIC FILENAME : BC-17 70HPS.IES

CANDELA TABULATION - (Cont.)

132.5	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0
137.5	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0
142.5	0	0	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0	0	0
147.5	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0
152.5	0	0	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0	0	0
157.5	0	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0	0
162.5	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0
167.5	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0
172.5	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0
177.5	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0

**Vert.
Angles**

Horizontal Angles

	<u>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>	<u>95</u>
0	805.06	805.06	805.06	805.06	805.06	805.06	805.06	805.06	805.06	805.06
2.5	734.78	764.69	822.09	747.37	708.56	824.68	808.04	789.16	768.17	804.41
5	787.04	840.25	826.6	836.51	807.08	776.44	864.9	822.63	842.07	792.69
7.5	866.84	821.78	847.05	843.36	839.84	791.68	828.53	814.39	835.59	851.31
10	841.35	830.48	850.97	837.46	859.98	859.87	903.87	861.21	902.11	849.16
12.5	940.66	863.19	850.05	901.84	849.72	894.77	855.11	890.07	887.54	894.64
15	875.43	952.47	944.12	918.61	924.14	901.38	908.7	945.04	898.48	934.73
17.5	1004.24	973.76	960.21	930.44	937.12	947.69	940.9	932.58	935.08	931.36
20	1061.47	1007.11	987.53	1008.24	974.92	974.97	967.44	957.27	943.57	1011.41
22.5	1130.4	1059.94	1115.05	1004.7	1011.38	1027.39	996.8	993.76	985.34	984.7
25	1168.71	1162.72	1120.39	1062.82	1046.8	1022.65	997.49	970.56	1006.22	962.3
27.5	1210.96	1186.36	1141.28	1111.35	1062.09	1032.92	1024.46	1012.08	987.37	971.06
30	1220.3	1192.43	1153.93	1117.32	1044.39	1032.03	1010.91	998.69	997.18	1017.18
32.5	1183.4	1162.1	1097.57	1098.07	1066.87	1042.38	1002.47	1050.47	1050.34	1055.57
35	1150.55	1112.93	1110.65	1082.07	1060.89	1063.77	1049.32	1084.89	1087.24	1128.64
37.5	1057.87	1055.82	1066.83	1104.35	1095.01	1120.35	1107.03	1135.38	1183.37	1169.94
40	1049.14	1029.55	1097.2	1136.56	1147.65	1211.5	1208.94	1199.51	1235.55	1230.65
42.5	1001.99	1064.14	1091.98	1162.66	1258.96	1292.27	1333.19	1317.5	1294.14	1252.21
45	1020.24	1087.41	1149.22	1283.09	1357.56	1398.3	1371.68	1361.97	1358.51	1322.14
47.5	1036.99	1177.69	1264.74	1360.3	1421.95	1473.68	1457.9	1438.94	1404.14	1331.07
50	1124.9	1228.82	1318.32	1425.76	1487.26	1564.64	1532.21	1505.73	1397.98	1330.26
52.5	1184.11	1265.76	1356.14	1464.14	1536.85	1587.75	1607.31	1520.26	1409.4	1307.78
55	1264.85	1318.23	1400.6	1515.67	1597.39	1673.43	1605.73	1538.59	1366.51	1228.64
57.5	1270.19	1371.64	1450.67	1560.03	1614	1620.49	1594.33	1478.15	1296.72	1148.47
60	1217.5	1293.65	1368.57	1463.13	1537.07	1546.4	1494.85	1355.46	1184.97	1035.58
62.5	1156.85	1201.07	1283.29	1354.84	1415.33	1415	1327.82	1204.87	1047.65	910.51
65	1033.86	1081.26	1166.8	1221.22	1266.84	1241.78	1147.94	1005.72	898.63	780.21
67.5	884.83	940.58	1015.99	1056.89	1102.12	1076.35	981.41	869.02	749.91	661.76
70	730.19	810.74	842.12	881.24	908.14	851.43	783.81	695.43	607.99	515.87
72.5	583.95	632.97	705.61	708.25	711.54	693.43	600.28	524.79	466.25	410.24
75	428.35	479.17	532.72	549.63	543.32	489.6	457.4	397.52	355.13	319.41
77.5	292.47	328.98	368.47	393.87	388.88	370.76	324.68	283.37	245.3	225.4

IES ROAD REPORT
PHOTOMETRIC FILENAME : BC-17 70HPS.IES

CANDELA TABULATION - (Cont.)

80	161.45	196.42	235.24	261.96	241.62	233	211	184.41	163.59	155.42
82.5	74.31	98.52	97.29	119.85	134.04	116.19	114.82	90.55	88.26	81.49
85	23.7	34.9	37.56	42.15	43	43.26	37.74	35.08	27.21	28.29
87.5	4.84	9.1	10.71	10.54	13.72	11.24	10.63	9.07	6.04	6.54
90	0	0	0	0	0	0	0	0	0	0
92.5	0	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0	0
97.5	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0
102.5	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0
107.5	0	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0
112.5	0	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0	0
117.5	0	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0	0
122.5	0	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0	0
127.5	0	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0	0
132.5	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0
137.5	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0
142.5	0	0	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0	0	0
147.5	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0
152.5	0	0	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0	0	0
157.5	0	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0	0
162.5	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0
167.5	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0
172.5	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0
177.5	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0

Vert. Horizontal Angles
Angles

	<u>100</u>	<u>105</u>	<u>110</u>	<u>115</u>	<u>120</u>	<u>125</u>	<u>130</u>	<u>135</u>	<u>140</u>	<u>145</u>
0	805.06	805.06	805.06	805.06	805.06	805.06	805.06	805.06	805.06	805.06
2.5	846.5	813.07	860.88	767.16	732.36	835.45	852.53	744.92	882.04	768.59
5	761.42	862.89	822.68	871.97	792.84	849.23	888.21	860.35	865.81	830.81
7.5	844.86	857.74	776.3	836.3	850.61	848.56	831.4	845.35	879.3	840.71
10	851.38	887.64	883.12	898.34	885.11	883.61	888.8	882.7	932.09	900.9
12.5	883.8	865.05	899.98	937.02	910.47	918.98	936.02	876.9	917.83	932.69
15	915.9	950.53	912.39	890.21	942.71	947.12	961.88	981.12	969.85	996.92
17.5	913.67	965.02	953.04	975.23	968.75	1009.46	974.67	956.46	993.99	949.44
20	976.63	993.7	970.32	1003.79	992.79	1003.55	1021.7	1011.7	1006.08	1005.78
22.5	975.49	973.41	1051.89	1017.71	1000.09	1036.43	1041.14	1004.57	1066.22	1084.99
25	1015.25	1032.14	1020.48	1042.92	1039.04	1067.72	1062.22	1066.44	1062.56	1031.21

IES ROAD REPORT
PHOTOMETRIC FILENAME : BC-17 70HPS.IES

CANDELA TABULATION - (Cont.)

27.5	1031.92	1059.91	1058.46	1082.92	1095.74	1081.52	1100.21	1085.57	1067.64	1089.83
30	1032.73	1074.42	1080.66	1093.01	1127.2	1110.32	1094.64	1105.09	1072.22	1074.15
32.5	1070.61	1102.77	1139.66	1156.4	1158.89	1151.44	1117.07	1096.48	1111.61	1081.71
35	1160.11	1148.28	1210.77	1175.82	1188.66	1175.98	1165.51	1119.48	1112.89	1095.47
37.5	1212.94	1239.51	1262.27	1255.41	1201.6	1185.91	1125.44	1142.07	1090.2	1088.61
40	1249.58	1272.56	1272.38	1262.63	1253.79	1200.05	1182.36	1087.94	1088.71	1054.28
42.5	1281.19	1314.51	1310.11	1277.23	1281.3	1220.2	1147.57	1122.7	1040.88	988.36
45	1326.81	1313.1	1307.89	1280.33	1241.19	1203.29	1106.72	1065.03	1011.94	954.23
47.5	1297.06	1276.16	1313.76	1261.47	1187.05	1155.28	1086.45	1004.1	953.37	892.8
50	1271.15	1230.82	1231.79	1178.18	1131.34	1093.89	1000.7	956.55	902.74	849.97
52.5	1229.95	1174.54	1142.31	1118.95	1080	995.62	935.87	875.04	823.11	788.07
55	1152.54	1095.31	1050.51	1010.4	968.29	910.46	860.35	802.68	768.34	712.73
57.5	1049.97	987.25	933.64	910.36	853.75	803.75	786.74	740.93	713.06	679.79
60	932.84	862.69	838.7	786.66	745.61	731.6	696.1	662.71	652	630.87
62.5	814.9	756.97	715.44	708.57	658.51	648.42	620.23	596.14	596.66	579.45
65	695.83	662.58	631.71	624.56	595.06	560.83	551.06	541.9	552.36	526.38
67.5	613.34	565.13	539.66	551.35	522.56	520.32	501.98	485.02	475.56	460.55
70	481.38	482.81	441.19	460.99	455.79	446.48	438.99	436	430.01	419.28
72.5	395.11	380.43	383.58	389.58	389.91	377.22	385.6	368.64	381.46	356.63
75	308.86	302.07	297.51	304.52	314.97	327.75	330.71	312.85	299.74	290.27
77.5	239.49	225.29	238.28	236.87	247.1	245.56	229.79	231.64	219.46	208.48
80	163.93	168.38	166.85	169.25	159.72	160.65	151.83	144.99	130.49	126.56
82.5	83.63	90.52	86.26	88.85	83.61	80.08	69.71	64.59	57.53	55.08
85	30.33	30.6	33.53	30.3	26.16	22.32	19.29	18.75	14.07	11.13
87.5	5.86	5.22	5.97	6.48	5.09	4.07	4.06	4.12	2.54	2.22
90	0	0	0	0	0	0	0	0	0	0
92.5	0	0	0	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0	0	0	0
97.5	0	0	0	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0	0	0	0
102.5	0	0	0	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0	0	0	0
107.5	0	0	0	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0	0	0	0
112.5	0	0	0	0	0	0	0	0	0	0
115	0	0	0	0	0	0	0	0	0	0
117.5	0	0	0	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0	0	0	0
122.5	0	0	0	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0	0	0	0
127.5	0	0	0	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0	0	0	0
132.5	0	0	0	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0	0	0	0
137.5	0	0	0	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0	0	0	0
142.5	0	0	0	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0	0	0	0
147.5	0	0	0	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0	0	0	0
152.5	0	0	0	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0	0	0	0
157.5	0	0	0	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0	0	0	0
162.5	0	0	0	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0	0	0	0

IES ROAD REPORT
PHOTOMETRIC FILENAME : BC-17 70HPS.IES

CANDELA TABULATION - (Cont.)

167.5	0	0	0	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0	0	0	0
172.5	0	0	0	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0	0	0	0
177.5	0	0	0	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0	0	0	0

Vert. Horizontal Angles

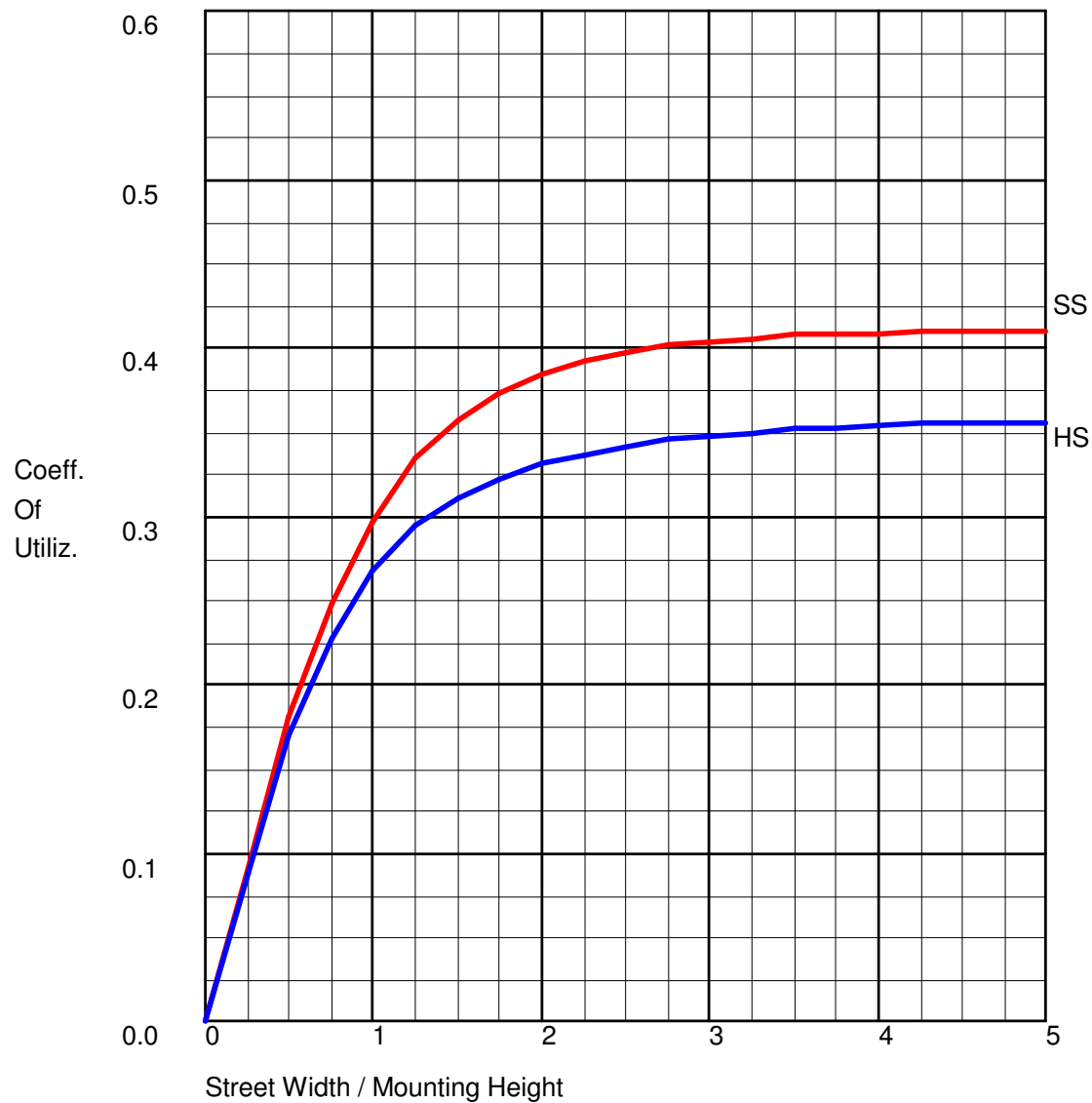
	<u>150</u>	<u>155</u>	<u>160</u>	<u>165</u>	<u>170</u>	<u>175</u>	<u>180</u>
0	805.06	805.06	805.06	805.06	805.06	805.06	805.06
2.5	762.89	872.36	855.37	765.83	834.69	829.99	744.15
5	835	842.87	817.3	900.1	854.36	810.43	868.54
7.5	872.49	899.03	825.2	857.46	832.32	895.78	829.47
10	926.65	858.68	895.52	891.67	942.79	903.97	936.49
12.5	963.93	929.14	964.94	944.68	901.2	941.61	1016.35
15	945.73	1004.66	947.47	983.55	961.1	970.77	953.83
17.5	975.78	964.62	988.79	996.57	980.25	977.33	1012.7
20	1004.23	1039.44	999.43	1015.85	983.19	998.04	982.02
22.5	1041.69	1046.67	999.43	1041.39	1039.5	1029.48	1015.67
25	1049.41	1070.4	1065.77	1029.03	1055.09	1030.11	1041.99
27.5	1070.6	1034.18	1051.16	1054.91	1030.24	986.31	1029.58
30	1075.24	1045.53	1050.14	1016.43	1042.01	993.33	1007.65
32.5	1066.63	1082.74	1035.29	1024.73	994.06	952.91	991.02
35	1072.07	1025.78	1028.46	1006.51	955.42	955.8	944.71
37.5	1039.77	1032.18	995.52	963.46	946.45	941.98	887.76
40	1011.6	981.83	976.43	943.87	908.54	869.84	872.34
42.5	976.59	955.73	924.56	885.1	867.61	843.76	827.35
45	892.39	892.24	862.19	818.64	798.42	772.77	797.97
47.5	858.8	811.14	806.56	772.8	744.91	747.75	738.49
50	805.33	787.86	736.22	734.5	723.83	695.56	702.62
52.5	744.58	697.4	697.78	663.9	652.87	648.08	656.64
55	678.69	663.85	665.23	629.03	621.01	620.44	591.28
57.5	644.75	629.04	594.38	590.49	560.1	567.54	557.7
60	593.75	594	564.47	551.38	554.69	532.68	544
62.5	557.1	540.63	520.34	510.55	496.33	486.67	486.17
65	494.67	488.11	476.48	458.73	459.95	442.47	457.95
67.5	440.58	441.11	423.54	412.36	399.79	398.51	409.44
70	409.99	390.01	379.78	371.17	370.05	361.17	343.33
72.5	355.03	330.31	321.44	321.07	303.65	308.43	295.11
75	284.9	270.46	263.85	258.21	241	251.55	241.76
77.5	201.1	191.75	177.47	181.35	168.56	165.44	156.65
80	113.67	113.13	101.97	100.92	97.77	87.02	95.66
82.5	46.84	48.14	39.08	37.79	35.07	33.66	35.1
85	11.98	8.76	7.48	8.69	6.49	6.96	7.21
87.5	2.26	1.87	1.7	1.88	1.95	1.9	2.12
90	0	0	0	0	0	0	0
92.5	0	0	0	0	0	0	0
95	0	0	0	0	0	0	0
97.5	0	0	0	0	0	0	0
100	0	0	0	0	0	0	0
102.5	0	0	0	0	0	0	0
105	0	0	0	0	0	0	0
107.5	0	0	0	0	0	0	0
110	0	0	0	0	0	0	0
112.5	0	0	0	0	0	0	0

IES ROAD REPORT
PHOTOMETRIC FILENAME : BC-17 70HPS.IES

CANDELA TABULATION - (Cont.)

115	0	0	0	0	0	0	0
117.5	0	0	0	0	0	0	0
120	0	0	0	0	0	0	0
122.5	0	0	0	0	0	0	0
125	0	0	0	0	0	0	0
127.5	0	0	0	0	0	0	0
130	0	0	0	0	0	0	0
132.5	0	0	0	0	0	0	0
135	0	0	0	0	0	0	0
137.5	0	0	0	0	0	0	0
140	0	0	0	0	0	0	0
142.5	0	0	0	0	0	0	0
145	0	0	0	0	0	0	0
147.5	0	0	0	0	0	0	0
150	0	0	0	0	0	0	0
152.5	0	0	0	0	0	0	0
155	0	0	0	0	0	0	0
157.5	0	0	0	0	0	0	0
160	0	0	0	0	0	0	0
162.5	0	0	0	0	0	0	0
165	0	0	0	0	0	0	0
167.5	0	0	0	0	0	0	0
170	0	0	0	0	0	0	0
172.5	0	0	0	0	0	0	0
175	0	0	0	0	0	0	0
177.5	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0

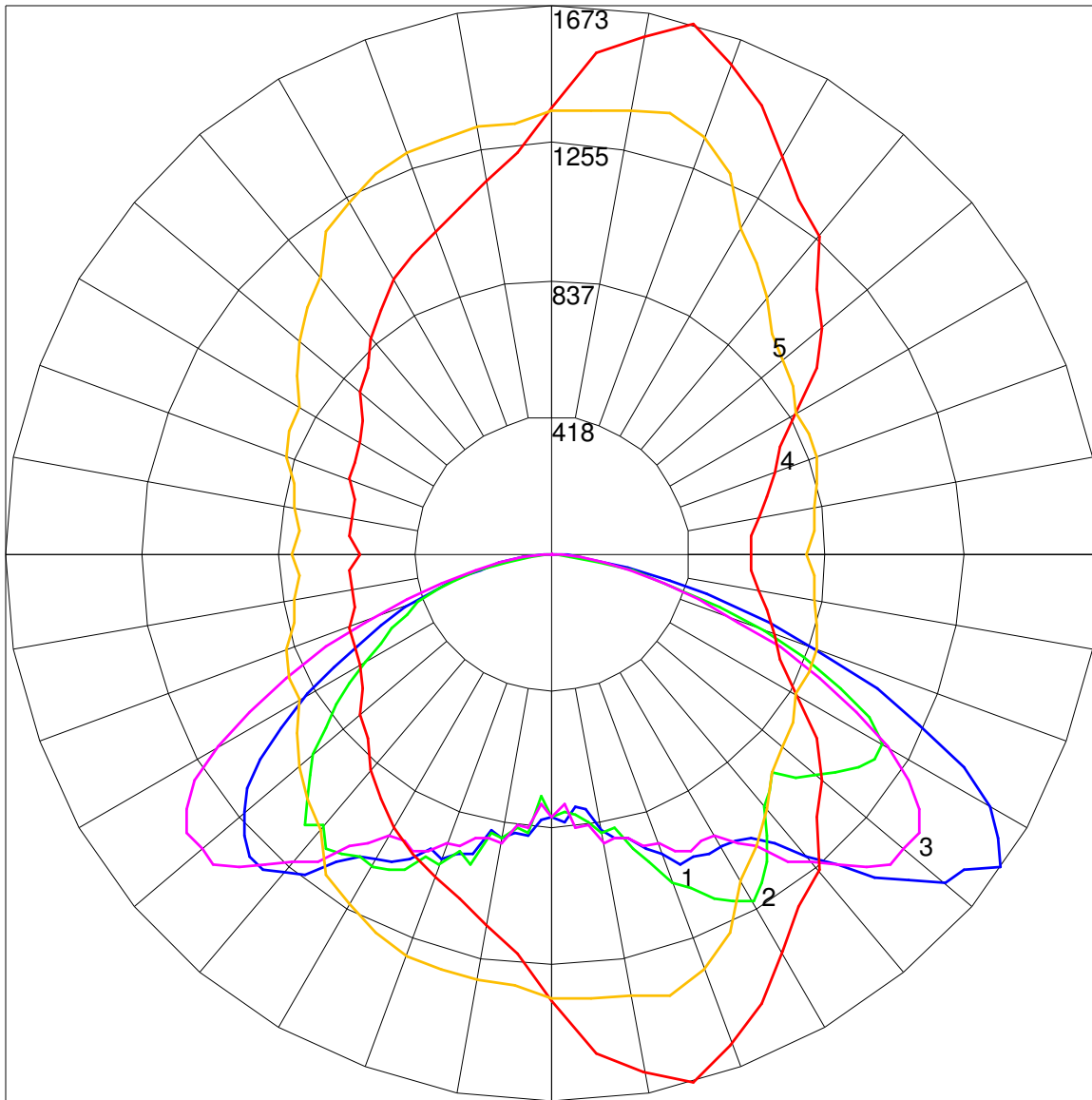
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Lamp
Downward Street Side	2308.5	41.2
Downward House Side	2005.2	35.8
Downward Total	4313.7	77.0
Upward Street Side	0.0	0.0
Upward House Side	0.0	0.0
Upward Total	0.0	0.0
Total Flux	4313.7	77.0

POLAR GRAPH



Maximum Candela = 1673.43 Located At Horizontal Angle = 75, Vertical Angle = 55
1 - Vertical Plane Through Horizontal Angles (75 - 255) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (45 - 225)
3 - Vertical Plane Through Horizontal Angles (90 - 270)
4 - Horizontal Cone Through Vertical Angle (55) (Through Max. Cd.)
5 - Horizontal Cone Through Vertical Angle (45)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE

