



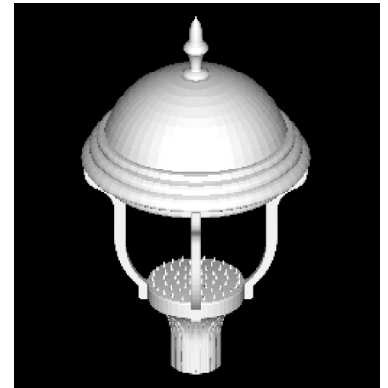
IES ROAD REPORT
PHOTOMETRIC FILENAME : BA-CON-HYD-HOR 42CFL.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995
[TEST] Photopia 3.0.0.123 PHOTOMETRIC REPORT
[DATE] Tue Nov 27 10:49:43 2007
[LUMINAIRE] PROJECT: BA-CON-HYD-HOR
[LAMP] Fluor. 42W DULUX triple tube
[LAMPCAT] CF42DT/E/IN/830

CHARACTERISTICS

IES Classification	Type III
Longitudinal Classification	Short
Cutoff Classification	Cutoff
Total Rated Lamp Lumens	3200
Maximum Candela	778.4
Maximum Candela Angle	75H 57.5V
Maximum Candela At 90 Degrees Vertical	1.38 (0.04% Lamp Lms)
Maximum Candela At 80 Degrees Vertical	140.06 (4.38% Lamp Lms)
Downward Total Efficiency	65.1%



IES ROAD REPORT
PHOTOMETRIC FILENAME : BA-CON-HYD-HOR 42CFL.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	48.59	48.59	48.59	48.59	48.59	48.59	48.59	48.59	48.59	48.59
2.5	52.79	60.72	44.96	71.86	59.33	56.58	57.36	60.84	54.73	63.74
5	79.13	73.65	74.18	73.31	74.28	76.84	75.78	74.68	76.96	78.29
7.5	102.98	97.95	99.96	102.24	105.43	114.91	104.71	110.08	101.29	101.34
10	135.12	138.11	130.26	142.73	137.2	137.44	139	137.97	128.62	133.23
12.5	196.37	177.15	186.19	178.55	184.41	176.9	171.04	166.67	167.95	161.58
15	252.73	258.26	266.13	264.63	263.86	259.36	242.82	234.87	225.11	234.14
17.5	331.94	342.86	348.7	352.53	350.11	350.17	336.27	316.81	316.14	307.92
20	427.64	422.59	411.26	429.65	444.24	427.66	417.09	389.21	382.38	404.09
22.5	492.91	490.02	507.64	509.68	513.14	536.43	489.07	466.23	464.78	489.29
25	542.26	544.97	557.55	581.87	596.2	581.65	525.51	498.37	510.43	532.61
27.5	590.78	604.08	609.52	613.61	640	619.21	568.76	493.77	513.59	530.46
30	607.84	616.6	607.18	625	632.08	633.1	540	487.12	492.95	514.53
32.5	581.67	598.27	594.37	600.49	627.55	622.94	545.73	463.43	490.07	519.47
35	595.77	590.62	595	605.18	605.69	622.89	544.35	483.19	485.25	526.29
37.5	564.22	576.82	584.89	584.82	586.1	595.5	540.27	467.42	458.42	496.02
40	533.85	543.67	557.64	562.06	567.54	582.02	514.92	440.35	428.26	461.4
42.5	490.38	505.84	514.19	536.69	534.41	535.7	508.61	419.56	411.14	444.88
45	463.65	462.39	483.62	497.79	503.92	505.79	480.88	411.25	395.15	434.69
47.5	426.33	431.86	440.31	464.46	464.8	484.97	459.87	408.2	411.18	442.01
50	383.85	395	404.85	427.45	446.61	466.78	456.51	430.67	418.91	459.52
52.5	351.22	360.88	361.45	399.65	423.33	449.83	477.04	453.23	446.54	473.97
55	320.27	333.75	345.49	375.99	415.33	450.95	474.74	474.39	464.95	507.55
57.5	294.85	293.39	321.98	359.7	410.15	457.7	496.11	499.47	500.36	520.26
60	263.54	273.47	304.6	361.34	411.5	462.86	498.04	516.91	515.29	532.64
62.5	239.02	252.6	296.37	353.94	416	479.46	499.89	497.66	506.52	501.6
65	186.74	198.67	243.97	317.88	378.84	427.21	459.65	455.17	458.81	474.86
67.5	123.61	142.23	191.93	248.5	320.45	381.36	416.12	403.43	417.77	441.27
70	98.35	108.81	145.59	199.84	256.58	310.83	331.84	326.69	345.6	368.93
72.5	79.42	93.99	115	150.26	196.8	230.01	257.63	246.87	259.69	277.25
75	67.24	69.91	79.63	95.4	124.33	146.93	169.01	163.62	171.6	191.14
77.5	43.08	44.07	47.9	57.65	63.98	78.17	88.61	91.39	90.11	103.24
80	21.83	25.52	25.83	27	29.6	33.08	36.08	41.23	39.51	39.64
82.5	8.7	10.92	10.8	9.9	10.39	11.04	11.47	12.18	17.61	15.34
85	1.41	1.72	2.04	1.82	1.96	2.28	2.59	3.07	4.12	5.81
87.5	0.74	0.89	0.81	0.93	1.1	1.09	1.53	1.76	2.01	1.25
90	0.22	0.32	0.38	0.4	0.45	0.63	0.78	1.03	1.28	0.5
92.5	0.16	0.21	0.23	0.27	0.3	0.49	0.65	1.05	1.05	0.4
95	0.19	0.21	0.22	0.19	0.29	0.43	0.64	0.93	1.26	0.44
97.5	0.2	0.16	0.17	0.19	0.25	0.36	0.56	0.77	0.98	0.37
100	0.13	0.13	0.14	0.15	0.17	0.23	0.36	0.49	0.7	0.29
102.5	0.15	0.14	0.13	0.15	0.12	0.17	0.31	0.49	0.59	0.28
105	0.13	0.11	0.13	0.11	0.14	0.2	0.28	0.42	0.62	0.26
107.5	0.12	0.14	0.12	0.12	0.2	0.23	0.27	0.46	0.5	0.2
110	0.17	0.11	0.11	0.16	0.15	0.17	0.27	0.4	0.47	0.22
112.5	0.12	0.13	0.1	0.1	0.14	0.16	0.18	0.36	0.38	0.13
115	0.15	0.14	0.12	0.17	0.16	0.15	0.22	0.31	0.39	0.18
117.5	0.17	0.17	0.14	0.16	0.16	0.14	0.18	0.28	0.35	0.18
120	0.27	0.2	0.16	0.19	0.2	0.16	0.21	0.21	0.33	0.17
122.5	0.29	0.24	0.21	0.18	0.25	0.27	0.3	0.32	0.31	0.23
125	0.43	0.37	0.31	0.37	0.31	0.33	0.36	0.31	0.37	0.25
127.5	0.5	0.47	0.49	0.43	0.48	0.44	0.48	0.41	0.34	0.36
130	0.68	0.63	0.64	0.67	0.64	0.61	0.58	0.51	0.48	0.45

IES ROAD REPORT
PHOTOMETRIC FILENAME : BA-CON-HYD-HOR 42CFL.IES

CANDELA TABULATION - (Cont.)

132.5	0.88	0.89	0.88	0.89	0.89	0.82	0.79	0.69	0.66	0.59
135	1.23	1.25	1.19	1.13	1.26	1.31	1.21	0.83	0.88	0.91
137.5	1.63	1.66	1.62	1.62	1.66	1.55	1.44	1.31	1.14	1.1
140	2.04	2.12	2	2.03	1.99	2.01	1.77	1.42	1.36	1.55
142.5	2.37	2.45	2.36	2.34	2.56	2.33	2.16	1.92	1.63	1.8
145	2.11	2.22	2.36	2.34	2.31	2.51	2.23	1.94	1.81	1.85
147.5	2	1.9	1.8	1.94	2.05	1.94	1.66	1.38	1.34	1.42
150	0.94	0.72	0.78	0.89	0.84	0.77	0.81	0.64	0.64	0.69
152.5	0.05	0.07	0.06	0.08	0.06	0.06	0.06	0.04	0.06	0.06
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	48.59	48.59	48.59	48.59	48.59	48.59	48.59	48.59	48.59	48.59
2.5	63.1	60.17	67.22	57.83	60.49	68.39	57.92	60.23	65.22	58.47
5	71.42	84.6	86.42	87.51	79.56	74.49	77.46	77.68	70.72	67.12
7.5	94.92	85.29	92.69	89.42	80.17	92.32	81.44	82.32	85.28	80.91
10	123.85	111.45	102.54	100.42	110.38	108.15	102.77	106.83	105.3	105.31
12.5	155.3	152.23	152.34	147.68	155	157.7	162.76	171.18	171.25	180.31
15	225.42	215.48	223	227.61	223.62	233.16	241.49	249.11	259.17	264.58
17.5	310.34	310.64	331.52	338	355.49	372.58	353.51	373.56	377.1	369.09
20	414.23	436.71	449.27	462.53	469.53	468.24	464.06	469.31	475.94	468.74
22.5	500.54	516.36	536.05	537.92	525.02	517.73	497.59	501.6	481.05	472.83
25	546.94	535.2	545.48	542.54	520.65	510.53	493.3	474.27	468.99	466.82
27.5	533.36	541.72	529.94	538.71	508.59	493.27	471.61	465.28	459.97	439.06
30	531.65	522.45	535.93	521.49	497.82	477.74	477.85	461.3	446.12	439.62
32.5	532.24	542.73	537.22	533.25	500.32	493.15	484.23	474.57	465.61	465.97
35	544.86	528.62	539.83	518.66	499.83	502.59	503.08	493.79	471.85	488.12
37.5	520.6	515.74	533.1	523.18	519.03	529.15	515.58	516.33	535.98	538.06
40	488.97	511.22	521.77	544.32	548.68	575.07	564.36	557.91	565.97	567.97
42.5	468.26	502.88	530.67	552.96	568.54	584.59	592.39	582.92	595.33	614.62
45	477.49	520.16	561.06	581.77	596.84	624.84	630.85	627.45	615.6	632.41
47.5	493.29	550.56	596.58	609.15	635.63	652.56	649.61	639.43	641.14	649.05
50	519.95	586.54	627.24	646.06	651.71	670.91	676.14	673.56	656.49	662.04
52.5	542.01	605.01	650.69	671.42	691.16	714.4	721.75	690.05	666.81	647.2
55	550.58	612.93	671.02	705.54	739.61	750.99	740.71	716.41	682.08	656.72
57.5	566.89	615.44	692.69	729.55	759.68	778.4	760.8	730.28	669.15	641.55
60	561.31	596.77	661.5	725.73	757.39	766.74	757.49	715.81	662.23	612.74
62.5	530.5	571.88	629.55	691.16	736.92	750.59	730.51	699.23	668.62	609.07
65	491.59	535.81	587.5	628.47	655.89	676.81	680.38	668.97	624.8	589.87
67.5	452.92	473.02	516.3	532.15	583.62	601.38	612.78	614.28	601.04	558.6
70	380.36	400	422.14	454.96	472.51	509.45	547.27	556.46	542.76	506.61
72.5	291.5	308.18	326.58	354.35	388.35	428.99	457.32	471.3	472.61	440.52
75	209.26	222.27	232.21	261.22	301.68	334.24	355.19	356.92	354.73	341.48
77.5	115.09	134.45	150.48	170.93	197.38	224.39	253.23	259.23	246.91	227.32

IES ROAD REPORT
PHOTOMETRIC FILENAME : BA-CON-HYD-HOR 42CFL.IES

CANDELA TABULATION - (Cont.)

80	47.89	64.06	72.63	89.25	104.77	126.08	139.62	140.06	137.47	126.44
82.5	17.63	23.97	27.58	34.49	42.53	49.89	53.53	57.76	57.86	57.56
85	7.34	8.84	11.08	13.38	16.29	18.28	18.47	19.71	18.28	18.48
87.5	2.07	2.12	3.56	4.72	4.63	4.8	4.77	4.79	4.62	4.39
90	1.08	0.85	0.64	0.46	0.37	0.36	0.25	0.25	0.23	0.39
92.5	1.02	0.71	0.55	0.35	0.31	0.25	0.21	0.2	0.2	0.2
95	0.93	0.79	0.46	0.41	0.26	0.18	0.18	0.21	0.23	0.18
97.5	0.8	0.65	0.48	0.32	0.23	0.17	0.13	0.16	0.19	0.22
100	0.65	0.52	0.37	0.29	0.21	0.17	0.14	0.12	0.19	0.19
102.5	0.61	0.48	0.35	0.28	0.16	0.11	0.12	0.17	0.16	0.17
105	0.6	0.44	0.33	0.28	0.18	0.12	0.11	0.12	0.13	0.13
107.5	0.53	0.43	0.32	0.23	0.16	0.16	0.12	0.13	0.13	0.09
110	0.46	0.39	0.3	0.25	0.16	0.14	0.13	0.12	0.13	0.13
112.5	0.5	0.34	0.32	0.27	0.22	0.12	0.12	0.11	0.07	0.14
115	0.38	0.38	0.29	0.22	0.19	0.13	0.13	0.1	0.12	0.13
117.5	0.35	0.32	0.28	0.19	0.22	0.14	0.14	0.13	0.09	0.1
120	0.4	0.36	0.28	0.28	0.18	0.15	0.13	0.1	0.13	0.16
122.5	0.39	0.36	0.3	0.28	0.2	0.13	0.16	0.14	0.14	0.21
125	0.44	0.4	0.37	0.3	0.27	0.18	0.21	0.19	0.17	0.16
127.5	0.47	0.43	0.37	0.33	0.24	0.3	0.24	0.22	0.25	0.26
130	0.44	0.49	0.47	0.37	0.36	0.38	0.36	0.34	0.34	0.37
132.5	0.67	0.62	0.68	0.59	0.56	0.53	0.42	0.47	0.42	0.55
135	0.94	0.95	0.9	0.98	0.89	0.75	0.78	0.78	0.72	0.83
137.5	1.25	1.3	1.29	1.25	1.17	1.14	1.13	1.07	1.1	1.17
140	1.67	1.74	1.86	1.66	1.77	1.68	1.53	1.46	1.58	1.64
142.5	2.01	2.13	1.98	2.08	2.16	2.12	1.95	2.05	2.15	2.07
145	2.1	2.24	2.13	2.35	2.54	2.36	2.6	2.47	2.27	2.52
147.5	1.75	1.78	1.86	2.02	2.21	2.1	2.25	2.23	2.3	2.15
150	0.65	0.84	0.99	1.05	0.94	0.97	1.15	1.16	1.24	1.12
152.5	0.09	0.06	0.1	0.06	0.07	0.12	0.07	0.12	0.1	0.08
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

	<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	48.59	48.59	48.59	48.59	48.59	48.59	48.59	48.59	48.59	48.59
2.5	66.64	61.22	43.99	53.49	52.72	62.62	58.65	62.09	48.26	41.46
5	69.31	76.73	75.98	66.97	70.69	63.69	65.35	70.06	60.03	55.8
7.5	79.27	84.55	77.3	74.69	76.31	76.95	72.14	69.5	72.96	70.39
10	101.86	108.87	97.35	101.47	101.44	106.7	120.09	113.15	126.92	116.96
12.5	174.42	166	159.42	168.83	161.71	163.75	168.18	179.61	175.9	177.94
15	257.38	252.29	225.51	222.78	211.32	215.1	220.05	234.73	234.85	245.55
17.5	353.76	342.19	316.94	293.75	271.15	257.32	263.04	279.84	284.3	307.03
20	438.68	418.76	392.11	368.02	332.45	321.76	304.88	327.59	338.3	354.32
22.5	484.97	458.12	433.73	399.43	389.43	367.38	364.26	354.6	382.21	392.25
25	460.99	463.99	450.11	422.36	403.74	403.95	391.84	389.24	376.82	395.87

IES ROAD REPORT
PHOTOMETRIC FILENAME : BA-CON-HYD-HOR 42CFL.IES

CANDELA TABULATION - (Cont.)

27.5	442.66	460.66	449.54	440.89	412.64	407.4	407.39	387.49	388.8	420.9
30	451.68	480.31	484.67	459.16	436.88	420.08	406.87	407.74	391.79	430.75
32.5	482.03	504.35	514.54	490.09	455.56	438.55	424.32	415.65	417.29	446
35	508.3	550.21	552.73	536.53	487.9	475.97	442.48	443.22	448.12	487.7
37.5	558.44	582.51	595.47	572.96	536.14	508.24	480.09	459.68	456.85	514.69
40	598.7	627.47	632.71	605.81	557.73	523.63	468.91	455.33	464.72	516.17
42.5	630.93	668.31	651.21	614.39	574.75	528.89	477.73	448.32	449.47	510.69
45	644.82	671.88	666.57	633.57	580.16	533.44	472.48	447.83	440.55	497.3
47.5	673.16	667.02	675.24	635.33	583.12	515.05	460.31	437.01	432.31	468.3
50	661.28	663.55	656.55	625.87	552.91	495.69	442.28	419.63	409.5	447.45
52.5	654.7	636.9	641.55	609.2	543.56	473.59	425.99	396.43	400.54	430.49
55	627.63	619.52	604.18	568.6	510.2	438.95	391.58	371.89	369.43	397.25
57.5	608.54	590.69	572.47	527.12	468.53	406.77	363.49	347.94	341.94	369.99
60	588.32	553.88	524.29	483.53	423.73	362.43	313.74	314.42	303.52	335.03
62.5	562.7	507.6	468.43	423.49	375.85	320.56	274.96	260.65	266.38	291.65
65	531.59	463.56	417.77	384.58	338.2	281.85	247.04	224.24	237.35	260.7
67.5	501.38	435.84	370.05	333	292.88	248.51	219.11	192.53	201.07	231.66
70	459.62	384.07	326.83	293.48	256.95	217.77	191.65	164.51	167.6	200.54
72.5	382.76	325.76	280.13	247.39	226.71	191.16	162.82	138.1	133.85	160.89
75	291.84	248.99	218.15	195.97	176.35	155.83	127.69	102.92	93.67	119.1
77.5	207.17	177.38	149	137.1	125.03	118	98.77	73.26	64.27	83.34
80	111.17	96.11	91.21	86.9	79.67	73.3	65.45	44.61	36.83	49.11
82.5	49.23	44.01	42.62	42.23	40.43	38.83	31.58	23.64	18.69	22.02
85	17.18	17.63	16.32	15.31	17.28	15.51	10.66	8.43	7.15	8.7
87.5	4.97	4.46	4.5	4.55	4.32	3.9	3.4	2.35	2.63	2.69
90	0.38	0.41	0.51	0.59	0.74	1.14	1.38	0.62	1.25	1.01
92.5	0.22	0.27	0.37	0.45	0.64	1	1.21	0.49	1.04	0.86
95	0.22	0.25	0.27	0.39	0.65	1.01	1.2	0.49	1.03	0.9
97.5	0.18	0.24	0.27	0.37	0.51	0.8	0.94	0.34	0.87	0.74
100	0.17	0.19	0.22	0.22	0.39	0.62	0.72	0.28	0.63	0.51
102.5	0.17	0.15	0.19	0.27	0.36	0.63	0.71	0.27	0.58	0.39
105	0.1	0.12	0.2	0.23	0.34	0.51	0.71	0.22	0.5	0.34
107.5	0.11	0.17	0.16	0.23	0.37	0.47	0.61	0.21	0.5	0.34
110	0.15	0.12	0.15	0.24	0.3	0.44	0.55	0.17	0.43	0.32
112.5	0.15	0.13	0.18	0.21	0.3	0.38	0.49	0.2	0.42	0.3
115	0.11	0.19	0.17	0.23	0.31	0.38	0.45	0.2	0.4	0.36
117.5	0.13	0.14	0.14	0.22	0.34	0.38	0.43	0.23	0.43	0.34
120	0.15	0.13	0.15	0.19	0.32	0.45	0.44	0.3	0.51	0.43
122.5	0.15	0.17	0.2	0.32	0.4	0.53	0.64	0.41	0.56	0.63
125	0.19	0.23	0.34	0.44	0.49	0.64	0.62	0.58	0.67	0.62
127.5	0.28	0.32	0.43	0.56	0.67	0.65	0.84	0.81	0.8	0.88
130	0.4	0.5	0.5	0.68	0.83	0.93	1.04	1.05	1.07	1.14
132.5	0.56	0.69	0.83	0.9	1.11	1.2	1.17	1.27	1.32	1.26
135	0.92	1	1.06	1.28	1.46	1.57	1.59	1.62	1.5	1.49
137.5	1.28	1.46	1.52	1.77	1.71	1.88	1.81	1.85	1.83	1.86
140	1.62	1.91	2.09	2.2	2.21	2.16	2.22	2.14	2.03	1.93
142.5	2.27	2.25	2.36	2.52	2.38	2.49	2.25	2.1	2.11	2.15
145	2.58	2.44	2.56	2.6	2.45	2.08	2.04	1.88	1.87	1.98
147.5	2.32	2.06	2.19	2.07	1.74	1.48	1.45	1.36	1.39	1.51
150	1.18	1	0.97	1.01	0.85	0.8	0.75	0.65	0.73	0.74
152.5	0.08	0.13	0.14	0.09	0.08	0.08	0.08	0.05	0.05	0.09
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 : BA-CON-HYD-HOR 42CFL.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

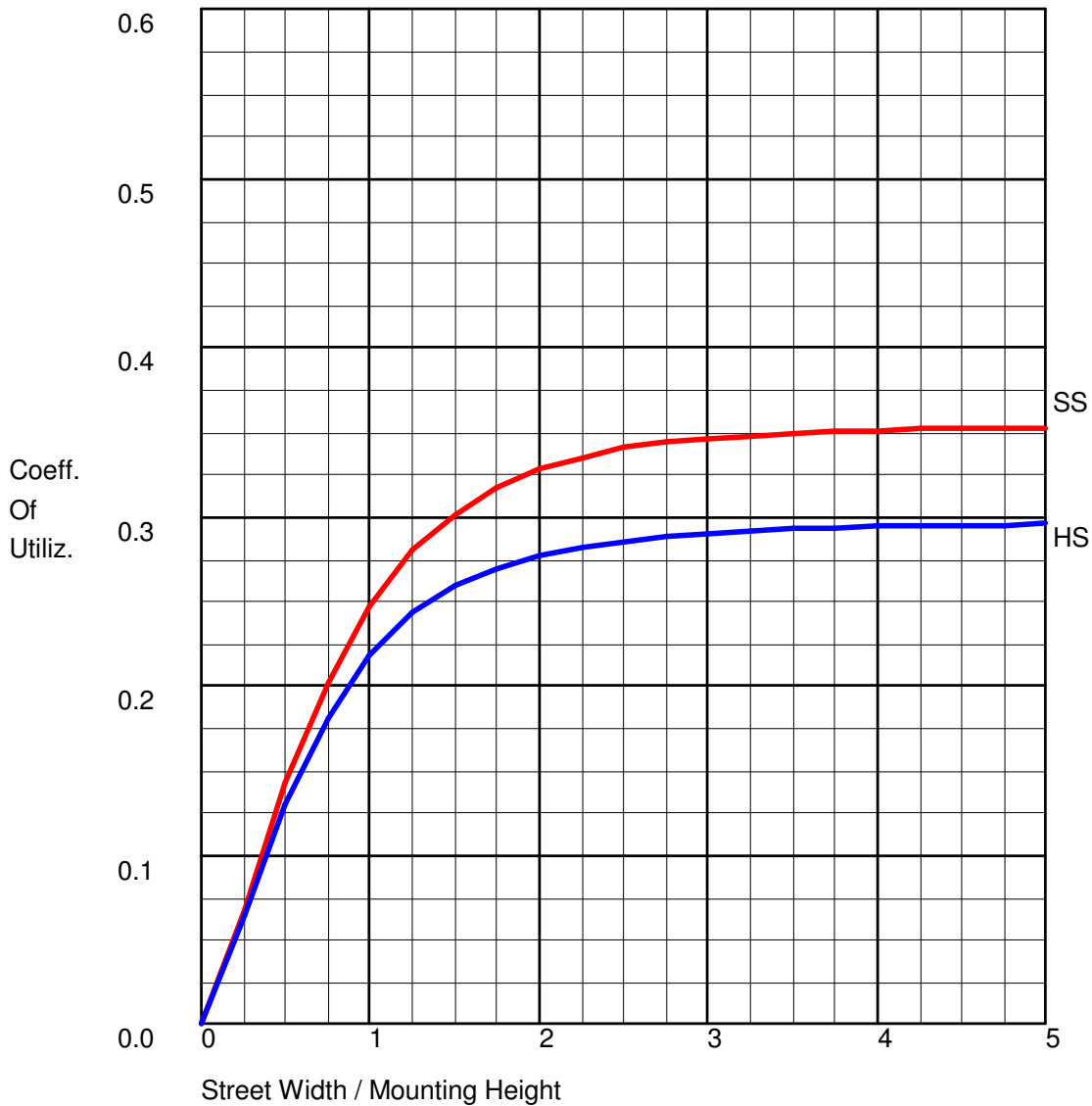
	<u>150</u>	<u>155</u>	<u>160</u>	<u>165</u>	<u>170</u>	<u>175</u>	<u>180</u>
0	48.59	48.59	48.59	48.59	48.59	48.59	48.59
2.5	61.52	53.41	52.36	48.9	52.6	54.93	53.52
5	60.81	60.72	56.29	58.13	47.8	40.36	47.36
7.5	74.81	72.98	68.06	74.74	79.12	79.26	75.89
10	116.48	118.05	131.71	119.13	130.24	119.86	129.74
12.5	196.35	178.15	186.75	194.07	185.42	171.59	174.94
15	237.66	244.6	257.41	242.5	231.06	232.5	235.41
17.5	308.42	312.71	316.36	298.29	294.06	285.66	289.2
20	377.02	368.93	359.98	358.36	347.88	330.66	338.93
22.5	403.39	409.27	417.39	408.38	384.25	370.32	367.18
25	439.22	444.88	434.35	421.97	409.23	404.57	411.36
27.5	445.5	443.73	444.31	437.5	417.75	420.33	416.41
30	439.86	439.6	449	421.61	432.6	407.89	420.79
32.5	476.4	456.95	447.17	451.13	442.58	425.67	422.32
35	509.75	489.75	487.27	467.48	454.35	451.32	427.84
37.5	537.01	516.97	501.87	500.44	473.93	452.72	455.1
40	542.59	522.11	522.33	518.13	485.61	461.32	436.46
42.5	527.69	514.52	507.38	495.71	474.01	462.98	444.46
45	505.38	488.85	499.37	475.15	458.13	439.01	427.83
47.5	483.13	441.54	474.02	453.44	427.74	405.47	388.2
50	457.75	418.49	443.96	424.9	401.96	377.07	350.23
52.5	416.42	385.6	400.9	389.35	365.18	353.6	328.84
55	394.94	361.13	375.08	357.02	339.54	313.08	318.03
57.5	358.32	322.99	340.27	321.67	302.42	292.79	281.59
60	322.49	291.42	309.1	300.76	285.82	261.39	262.17
62.5	287.89	264.33	269.82	273.38	250.52	242.32	244.09
65	255.27	235.99	244.03	241.98	227.94	218.23	212.1
67.5	224.09	209.34	209.82	212.57	200.88	191.22	189.46
70	197.05	184.96	182.03	181.5	171.37	163.25	162.65
72.5	165.46	152.29	143.57	145.78	139.03	133.65	131.89
75	125.54	116.93	112.9	108.83	103.82	94.83	89.85
77.5	83.93	79.13	75.29	73.6	67.51	64.48	61.6
80	50.13	48.2	43.96	41.54	36	36.48	33.12
82.5	20.99	21.91	20.43	18.16	15.89	15.39	15.69
85	6.24	6.25	6.4	5.94	5.56	6.23	5.46
87.5	2.3	2.38	1.95	2.21	2.21	2	1.86
90	0.88	0.92	0.88	0.86	0.8	0.61	0.57
92.5	0.76	0.64	0.76	0.69	0.6	0.54	0.55
95	0.75	0.72	0.71	0.69	0.56	0.56	0.88
97.5	0.55	0.53	0.49	0.52	0.37	0.52	0.55
100	0.36	0.29	0.25	0.21	0.19	0.19	0.25
102.5	0.33	0.25	0.19	0.14	0.13	0.12	0.11
105	0.24	0.21	0.17	0.16	0.1	0.09	0.09
107.5	0.27	0.23	0.16	0.14	0.12	0.09	0.15
110	0.26	0.24	0.16	0.19	0.17	0.15	0.13
112.5	0.26	0.32	0.25	0.17	0.18	0.21	0.21

IES ROAD REPORT
PHOTOMETRIC FILENAME : BA-CON-HYD-HOR 42CFL.IES

CANDELA TABULATION - (Cont.)

115	0.28	0.26	0.23	0.27	0.27	0.28	0.25
117.5	0.37	0.41	0.38	0.39	0.44	0.44	0.43
120	0.45	0.5	0.52	0.59	0.58	0.62	0.68
122.5	0.59	0.7	0.78	0.81	0.77	0.83	0.78
125	0.8	0.9	0.98	1.07	1.05	1.08	1.1
127.5	0.95	1.09	1.31	1.24	1.32	1.32	1.51
130	1.12	1.35	1.65	1.7	1.66	1.77	1.64
132.5	1.41	1.72	1.85	2.01	1.95	1.91	2.04
135	1.66	2.01	2.25	2.24	2.18	2.39	2.5
137.5	1.93	2.38	2.58	2.66	2.85	2.6	2.69
140	2.33	2.6	2.83	3	2.85	2.8	2.92
142.5	2.21	2.4	2.67	2.63	2.7	2.73	2.92
145	2.02	2.12	2.28	2.4	2.44	2.27	2.57
147.5	1.57	1.77	1.77	1.86	1.79	1.76	1.85
150	0.82	0.8	0.95	0.88	0.92	0.98	0.91
152.5	0.05	0.15	0.1	0.12	0.12	0.07	0.07
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

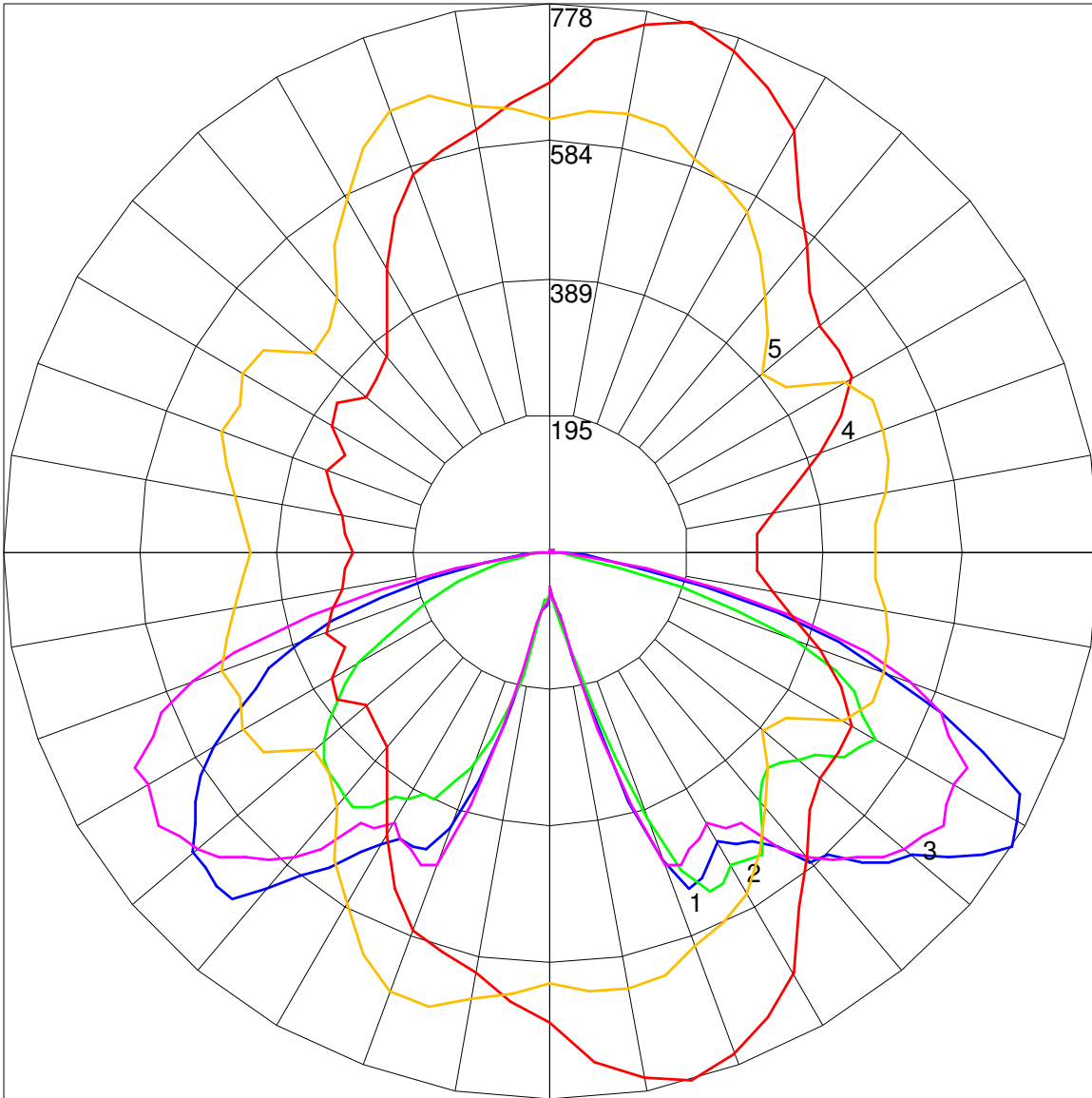
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

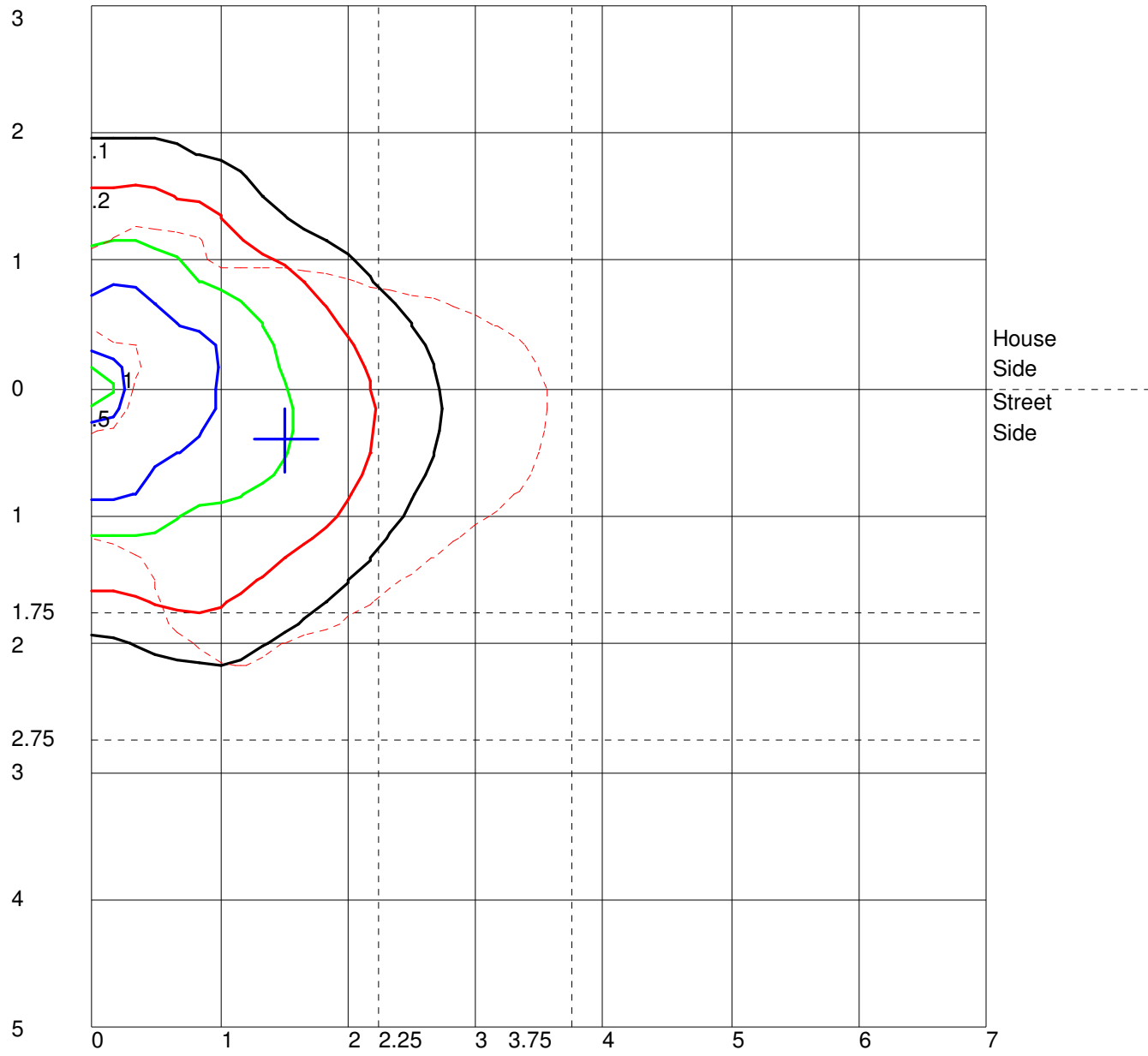
	Lumens	Percent Of Lamp
Downward Street Side	1131.6	35.4
Downward House Side	952.6	29.8
Downward Total	2084.2	65.1
Upward Street Side	1.6	0.1
Upward House Side	2.2	0.1
Upward Total	3.8	0.1
Total Flux	2088.0	65.2

POLAR GRAPH



- Maximum Candela = 778.4 Located At Horizontal Angle = 75, Vertical Angle = 57.5
- # 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 (57.5) (Through Max. Cd.)
 - # 5 - Horizontal Cone Through Vertical Angle (45)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
 Values Based On 15 Foot Mounting Height
 1/2 Maximum Candela Trace Shown As Dashed Curve
 (+) = Maximum Candela Point