



IES ROAD REPORT

PHOTOMETRIC FILENAME : JT-HOR-FCUT 42CFL.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-1995

[TEST] Photopia 3.0.0.123 PHOTOMETRIC REPORT

[DATE] Wed Nov 28 09:11:34 2007

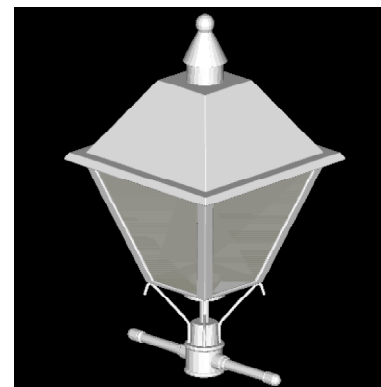
[LUMINAIRE] PROJECT: JT-HOR-FCUT

[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	706.9
Maximum Candela Angle	85H 62.5V
Maximum Candela At 90 Degrees Vertical	50.36 (1.57% Lamp Lms)
Maximum Candela At 80 Degrees Vertical	275.59 (8.61% Lamp Lms)
Downward Total Efficiency	61.0%



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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	19.13	19.13	19.13	19.13	19.13	19.13	19.13	19.13	19.13	19.13
2.5	26.07	31.6	23.58	20.12	30.18	24.54	29.42	27.07	30.41	24.6
5	28.47	29.8	34.99	35.46	35.91	37.89	28.65	41.87	40.34	34.07
7.5	43.79	51.94	46.33	50.43	51.86	56.28	52.53	50.73	55.47	53.01
10	74.87	71.15	75.2	74.79	82.4	85.56	77.76	79.67	74.33	70.67
12.5	108.45	112.19	118.9	119.34	119.16	108.35	97.89	96.93	90.35	90.54
15	169.2	176.77	199.02	198.25	181.3	164.77	143.98	132.96	125.27	122.58
17.5	217.87	239.56	289.12	287.09	252.7	239.56	224.11	219.18	180.55	172.92
20	279.7	312.57	377.79	367.38	343.56	322.75	308.16	279.95	235.82	223.21
22.5	306.36	377.7	444.77	433.88	424.74	418.34	390.42	305.62	272.05	274.15
25	389.86	462.05	498.33	505.5	500.88	480.93	426.39	349.51	294.95	322.61
27.5	437.75	507.2	520.1	538.65	542.79	534.96	457.42	356.25	308.37	333.5
30	508.53	512.32	515.21	535.36	550.62	555.69	477.9	361.22	309.52	333.78
32.5	529.26	528.62	538.59	533.71	545.76	555.14	493.73	382.05	314.64	335.9
35	500.72	513.01	525.05	529.56	537.08	538.54	495.52	375.85	303.91	329.87
37.5	487.85	498.03	505.39	505.27	521.82	529.85	490.16	366.41	280.08	311.37
40	472.15	470.77	492.02	491.64	507.29	504.15	467.06	358.58	254.09	285.98
42.5	450.75	450.19	457.25	477.89	476.21	482.69	451.94	349.53	253.33	265.69
45	430.7	420.92	440.25	451.15	448.21	443.37	430.37	344.48	252.34	258.02
47.5	391.37	406.64	410.15	428.8	423.2	437.47	431.18	355.99	266.07	263.77
50	370.14	372.33	378	400.11	405.8	418.07	428.83	376.32	289.21	275.99
52.5	345.56	342.7	360.38	372.3	398.52	410.37	435.2	411.12	313.09	290.31
55	313.16	318.61	326.8	358.46	393.62	420.83	442.56	415.73	343.21	315.6
57.5	275.04	284.96	307.74	345.97	397.15	419.41	445.68	432.24	367.99	331.93
60	246	255.62	286.23	339.13	399.17	441.96	466.99	457.5	393.03	356.71
62.5	241.3	247.8	286.18	343.52	406.62	447.65	477.96	465.33	402.68	359.14
65	221.08	242.06	267.78	329.53	394.21	442.03	468.73	454.03	395.43	353.34
67.5	176.85	197.86	237.36	299.31	363.6	409.85	432.65	420.73	363.78	339.18
70	136.4	152.57	184.92	236.15	310.78	358.78	390.57	378.31	326.27	308.63
72.5	116.99	128.89	149.6	191.55	258.07	300.47	329.37	313.2	275	266.72
75	99.74	107.06	128.59	150.67	196.76	247.63	268.94	253.68	220.68	214.15
77.5	88.4	91.63	105.77	108.71	143.06	175.45	195.38	188.18	158.72	155.71
80	69.12	70.28	75.2	73.59	88.6	116.14	134.91	128.16	105	93.43
82.5	47.87	52.31	52.27	42.85	54.36	71.58	76.77	78.13	63.38	49.53
85	32.83	34.78	36.34	25.5	31.64	40.06	40.94	37.39	34.85	21.17
87.5	25.2	25.49	27.67	18.5	21.39	30.5	27.46	20.91	15.51	11.61
90	24.95	23.42	25.87	19.48	20.6	27.28	25.41	20.16	11.52	7.51
92.5	22.47	23.25	23.81	17.85	19.09	23.65	23.24	17.41	11.87	9.43
95	21.25	20.11	21.01	21.22	17.05	21.43	20.11	19.92	12.27	10.4
97.5	16.86	16.33	17.41	17.49	13.95	16.4	20.12	18.67	12.19	13.09
100	11.84	12.08	11.02	13.31	9.44	13.74	14.89	15.36	13.15	11.09
102.5	6.31	6.56	7.67	9.11	7.4	8.05	11.01	11.29	12.8	11.26
105	4.77	5.43	6.39	6.61	5.29	5.47	5.08	6.68	9.14	8.49
107.5	4.19	4.73	5.44	4.62	3.8	2.88	2.06	3.63	4.07	4.62
110	5	4.5	5.05	2.17	1.42	1.36	1.28	0.85	1.29	1.98
112.5	3.58	4.39	3.19	1.54	1.08	0.95	0.89	0.76	0.75	0.79
115	4.12	3.76	3.68	1.08	0.54	0.83	0.95	0.63	0.36	0.58
117.5	3.86	3.13	3.33	1.4	0.53	0.55	0.45	0.39	0.2	0.22
120	2.81	2.55	1.95	0.93	0.51	0.4	0.46	0.24	0.23	0.41
122.5	1.86	2.05	1.8	0.95	0.41	0.42	0.33	0.23	0.16	0.21
125	1.84	1.66	1.44	0.84	0.44	0.25	0.27	0.11	0.17	0.2
127.5	1.55	1.44	1.29	0.86	0.36	0.27	0.19	0.17	0.14	0.08
130	1.27	1.12	1.14	0.65	0.42	0.23	0.1	0.15	0.11	0.15

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CANDELA TABULATION - (Cont.)

132.5	0.88	0.77	0.71	0.49	0.29	0.11	0.12	0.19	0.15	0.14
135	0.42	0.37	0.32	0.27	0.2	0.17	0.21	0.16	0.18	0.2
137.5	0.2	0.21	0.23	0.24	0.21	0.17	0.22	0.21	0.19	0.21
140	0.19	0.35	0.26	0.27	0.27	0.31	0.27	0.25	0.23	0.26
142.5	0.41	0.43	0.44	0.46	0.37	0.41	0.37	0.33	0.27	0.26
145	0.57	0.57	0.61	0.65	0.57	0.49	0.41	0.31	0.26	0.22
147.5	0.72	0.66	0.66	0.71	0.56	0.46	0.34	0.24	0.16	0.12
150	0.5	0.53	0.62	0.47	0.44	0.35	0.11	0.08	0.09	0.13
152.5	0.35	0.32	0.28	0.14	0.1	0.06	0.05	0.08	0.08	0.1
155	0.01	0	0.03	0	0	0.06	0.04	0.06	0.06	0.1
157.5	0	0.02	0.03	0.04	0.03	0.04	0.07	0.03	0.05	0.04
160	0	0.05	0.03	0.02	0.03	0.03	0.02	0.04	0.03	0.02
162.5	0.01	0.03	0.01	0.03	0.03	0.03	0.02	0.03	0.04	0.02
165	0.03	0.02	0.05	0.02	0.01	0.02	0.01	0.01	0.01	0.01
167.5	0.03	0.02	0.02	0.04	0.01	0.01	0.01	0.02	0	0.01
170	0.02	0.01	0.02	0	0.02	0	0	0	0	0.01
172.5	0	0	0.03	0	0	0	0	0	0	0
175	0	0	0	0.03	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	19.13	19.13	19.13	19.13	19.13	19.13	19.13	19.13	19.13	19.13
2.5	33.31	26.47	27.06	27.84	21.89	33.88	26.53	26.73	25.04	21.67
5	41.38	38.97	44.08	40.23	37.92	33.34	44.16	39.51	31.67	37.46
7.5	58.11	50.82	49.58	53.14	53.3	53.91	48.83	49.19	52.15	44.66
10	66.05	67.18	66.92	68.16	66.55	63.68	62.45	54.55	56.74	56.9
12.5	90.09	92.82	89.09	90.72	101.57	101.86	107.86	120.83	107.18	98.9
15	130.77	143.88	148.41	149.24	163.89	175.1	177.95	171.66	176.88	157.65
17.5	165.41	194.91	223.99	255.27	272.76	281.48	307.01	296.54	295.44	281.75
20	246.29	289.67	331.22	365.76	395.3	382.38	399	382.92	385.02	380.11
22.5	329.85	381.72	417.68	435.52	434.48	404.78	409.15	398.39	389.48	387.54
25	361.41	411.92	422.23	445.96	432.53	427.01	410.42	386.7	393.13	392.2
27.5	373.03	425.46	447.83	451.4	432.79	402.86	394.39	387.89	387.85	390.7
30	386.36	423.8	447.61	449.21	419.26	399.04	384.89	393.88	389.34	398.34
32.5	384.36	441.98	443.96	442.63	423.52	393.27	384.02	393.8	392.47	415.44
35	387.97	432.19	439.53	441.62	419.99	407.98	394.87	394.65	416.97	449.28
37.5	375.71	421.2	434.54	447.94	427.94	418.23	408.31	418.55	447.17	497.69
40	352.81	406.48	429.21	449.75	450.06	440.58	444.73	455.6	502.4	545.53
42.5	342.81	401.42	443.68	468.65	469.06	469.41	466.2	495.81	539.47	590.88
45	327.29	414.37	457.69	479.75	492.61	503.94	509.92	530.68	577.77	607.57
47.5	341.92	440.88	483.94	509.86	517.88	531.76	545.6	577.22	602.46	636.1
50	360.87	461.47	506.4	529.72	561.99	562.14	580.65	607.66	627.86	629.86
52.5	372.4	476.15	530.62	565.43	586.01	614.51	624.22	631.08	653.28	650.83
55	378.58	485	538.27	591.91	620.68	645.56	657.48	667.17	658.67	642.78
57.5	382.88	481.53	555.34	615.86	665.89	673.82	678.85	677.89	671.28	643.32
60	390.58	481.42	563.88	632.96	672.33	695.37	693.41	698.38	672.09	619.66
62.5	382.5	465.02	543.99	620.2	667.55	691.19	700.31	706.9	662.69	606.3
65	376.34	430.59	524.15	582.59	635.88	655.8	699.74	698.55	663.09	596.9
67.5	346.45	393	465.28	530.94	597.86	637.63	674.2	677.58	634.67	579.01
70	321.78	360.53	404.88	469.95	527.59	593.5	625.32	623.95	603.12	547.69
72.5	276.24	298.76	359.47	409.87	474.39	519.19	544.23	550.07	537.75	488.85
75	221.39	244.94	289.72	348.3	401.16	438.71	462.9	454.83	450.96	420.97
77.5	163.99	192.82	232.98	287.26	320.6	345.3	369.37	364.39	357.45	341.95

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CANDELA TABULATION - (Cont.)

80	109.69	142.75	176.19	218.45	239.24	258.17	272.63	275.59	263.07	255.45
82.5	64.26	99.08	124.21	150.25	158.37	164.19	166.32	170.9	168.13	157.31
85	30.38	53.72	74.83	84.03	81.19	86.5	89.4	90.91	94.12	94.98
87.5	17.8	30.59	45.63	54.07	48.22	47.88	51.12	58.79	60.85	60.36
90	14.12	27.88	38	39.54	32.01	34.4	38.83	46.92	50.36	49.62
92.5	15.27	26	35.29	37.44	33.23	35.85	37.46	43.74	47.84	45.55
95	15.73	25.74	34.78	37.51	33.42	37.59	42.91	48.73	49.16	46.38
97.5	16.54	24.21	33.38	33.47	30.19	38.94	40.54	47	45.57	44.43
100	17.46	22.27	28.22	28.46	23.95	25.31	26.36	31.11	30.93	29.41
102.5	12.33	17.29	18.11	16.96	13.81	13.94	15.01	13.55	13.34	14.14
105	8.77	10.36	10.83	10.25	8.85	6.67	6.17	3.98	3.91	6.59
107.5	5.22	5.55	5.87	5.77	5.26	5.7	3.65	3	3.81	5.83
110	1.93	2.33	2.41	2.64	3.06	2.91	4.12	3.73	3.32	4.73
112.5	1.03	1.04	1.18	1.31	1.47	1.96	3.14	3.83	4.43	4.22
115	0.71	0.46	1.01	0.86	0.94	2.03	3.18	4.25	4.82	5.31
117.5	0.52	0.24	0.76	0.85	0.85	1.67	3.23	4.03	4.25	5.1
120	0.45	0.3	0.59	0.49	0.63	1.25	2.13	3.13	3.19	3.5
122.5	0.27	0.31	0.32	0.33	0.53	1.09	1.92	2.3	2.85	2.51
125	0.14	0.13	0.27	0.23	0.41	1.02	1.49	2.17	1.93	2.05
127.5	0.13	0.13	0.16	0.19	0.48	1.01	1.45	1.73	1.87	1.58
130	0.15	0.22	0.2	0.18	0.47	0.77	1.21	1.15	1.1	1.26
132.5	0.17	0.21	0.2	0.18	0.29	0.36	0.75	0.83	0.92	0.9
135	0.21	0.24	0.21	0.23	0.18	0.29	0.38	0.36	0.43	0.34
137.5	0.31	0.26	0.27	0.21	0.26	0.18	0.19	0.21	0.23	0.22
140	0.3	0.35	0.3	0.36	0.25	0.23	0.27	0.24	0.25	0.33
142.5	0.38	0.4	0.41	0.35	0.42	0.36	0.37	0.39	0.33	0.41
145	0.28	0.37	0.5	0.49	0.53	0.51	0.54	0.47	0.53	0.52
147.5	0.18	0.29	0.45	0.55	0.6	0.59	0.57	0.7	0.73	0.74
150	0.12	0.1	0.24	0.38	0.51	0.64	0.64	0.61	0.57	0.68
152.5	0.1	0.13	0.09	0.07	0.08	0.16	0.25	0.35	0.38	0.33
155	0.08	0.07	0.06	0.08	0.02	0.02	0.01	0	0	0
157.5	0.05	0.07	0.05	0.01	0.03	0.02	0	0	0	0
160	0.05	0.01	0.04	0.02	0.01	0	0	0	0	0
162.5	0.05	0.01	0.01	0	0.02	0	0	0	0	0
165	0.01	0.02	0.01	0.01	0.01	0	0	0	0	0
167.5	0	0	0	0	0	0	0	0	0	0
170	0	0.01	0	0	0	0	0	0	0	0
172.5	0	0	0.01	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	19.13	19.13	19.13	19.13	19.13	19.13	19.13	19.13	19.13	19.13
2.5	25.19	19.05	13.66	13.19	23.82	20.33	27.47	20.88	18.13	20.85
5	28.81	33.68	27.31	21.13	31.02	25.11	19.87	22.54	17.94	20.7
7.5	39.6	36.16	41.3	38.11	33.59	30.93	27.44	26.9	23.86	18.81
10	60.07	52	43.06	43.54	44.82	37.87	30.87	30.04	28.48	23.64
12.5	94.81	88.61	73.73	63.05	51.93	49.36	41.95	44.22	53.22	68.69
15	156.62	136.31	116.08	103.18	88.84	72.67	69.87	82.54	98.7	117.91
17.5	275.62	251.37	214.97	165.34	130.9	101.93	102.74	124.31	141.59	173.3
20	363.03	339.16	300.86	251.72	215.73	158.13	139.9	153.83	192.76	218.29
22.5	381.99	375.99	365.02	334.79	282.35	221.84	175.64	183.39	207.3	255.32
25	386.19	394.02	395.45	378.79	336.48	275.25	219.99	209.54	227.56	279.41

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CANDELA TABULATION - (Cont.)

27.5	397.99	418.5	420.72	401.64	364.34	306.23	240	219.58	242.99	297.69
30	422.11	442.2	450.46	440.77	394.57	320.45	265.26	241.19	260	315.09
32.5	457.21	473.88	479.51	466.04	410.21	353.8	293.13	267.55	277.27	340.04
35	486.58	517.9	527.72	502.58	455.95	378.28	317.96	277.34	295.2	361.96
37.5	517.81	551.19	543.06	525.26	485.53	405.97	319.81	279.59	307.99	384.88
40	566.15	582.18	583.51	568.27	513.2	418.39	328.82	279.18	321.47	398.84
42.5	596.54	606.62	598.62	592.98	532.74	439.33	323.54	271.71	309.58	395.89
45	630.19	630.36	634.13	602.94	551.14	443.04	323.44	268.99	318.35	393.61
47.5	641.71	632.79	627.91	606.05	546.32	445.21	325.76	263.41	311.71	398.95
50	639.46	637.48	614.55	603.17	549.57	441.44	319.09	257.27	308.82	394.08
52.5	622.54	616.7	612.37	587.81	537.46	436.66	303.37	248.15	305.58	374.62
55	625.62	606.02	576.89	555.8	508.99	416.62	286.99	232.52	288.8	360.88
57.5	608.79	574.46	553.48	519.03	471.63	385.59	272.68	224	270.95	338.43
60	591.55	542.03	513.21	483.28	442.45	367.51	251.22	207.44	249.07	313.24
62.5	556.15	513.43	482.22	442.24	403.11	338.13	230.51	179.81	227.8	282.58
65	526.7	473.03	441.1	401.83	361.49	309.25	215.42	148.18	197.23	253.61
67.5	505.49	448.42	399.47	360.17	324.42	274.08	193.15	134.46	171.1	236.33
70	476.38	407.62	361.89	325.46	291.59	248.94	179.99	115.46	139.91	208.88
72.5	431.22	373.79	322.86	286.26	261.07	222.78	156.19	101.42	122.77	184.18
75	375.92	323.4	285.35	254.06	231.34	197.33	147.2	87.26	102.57	159.1
77.5	311.12	264.44	240.53	216.01	204.86	174.44	129	81.66	87.99	140.55
80	223.3	208.44	193.13	181.63	171.81	152.43	113.26	69.57	72.64	116.01
82.5	143.45	124.91	131.6	136.69	135.81	119.75	93.95	58.93	57.74	87.89
85	86.74	74.08	70.21	81.18	83.43	77.33	60.27	41.36	42.87	54.51
87.5	60.49	46.41	43.72	49.8	50.98	44.68	36.26	30.23	34.26	37.58
90	47.3	37.83	32.06	40.07	37.33	34.76	30.19	26.84	30.83	36.23
92.5	45.04	37.95	28.55	34.34	35.62	33.48	28.95	28.58	31.57	35.17
95	44.78	36.15	28.22	32.33	30.27	33.71	28.67	28.26	31.62	35.09
97.5	42.75	35.07	25.02	27.96	30.21	30.54	29.56	27.22	29.08	29.96
100	28.32	25.06	18.91	20.36	25.06	25.41	23.29	22.91	21.87	21.92
102.5	16.06	14.24	11.46	10.08	14.44	19	20.08	17.96	16.1	13.87
105	7.84	9.46	8.65	6.63	6.23	8.78	11.5	11.86	9.38	6.8
107.5	7.65	8.87	7.53	4.63	3.26	2.57	4.9	6.58	5.44	2.89
110	5.2	7.09	4.38	2.8	1.47	1.27	1.34	1.2	1.46	0.97
112.5	4.44	3.29	1.85	1.66	1.16	1.02	0.88	0.68	0.55	0.46
115	4.94	2.59	1.6	1.01	1.18	0.69	0.53	0.49	0.45	0.27
117.5	4.3	2.83	1.2	0.98	0.86	0.58	0.52	0.44	0.31	0.37
120	2.7	1.73	1.05	0.84	0.65	0.62	0.52	0.39	0.47	0.32
122.5	1.81	1.28	0.68	0.53	0.39	0.44	0.31	0.23	0.33	0.24
125	1.44	1.06	0.66	0.45	0.32	0.32	0.22	0.25	0.24	0.25
127.5	1.27	0.98	0.57	0.34	0.3	0.23	0.25	0.21	0.25	0.34
130	1.08	0.8	0.39	0.27	0.22	0.27	0.26	0.24	0.27	0.28
132.5	0.75	0.4	0.25	0.27	0.28	0.26	0.31	0.28	0.36	0.3
135	0.28	0.28	0.21	0.3	0.33	0.34	0.41	0.36	0.42	0.43
137.5	0.25	0.27	0.29	0.35	0.41	0.45	0.52	0.49	0.48	0.41
140	0.22	0.28	0.3	0.41	0.54	0.6	0.56	0.53	0.47	0.53
142.5	0.37	0.4	0.48	0.58	0.69	0.56	0.54	0.5	0.32	0.45
145	0.51	0.56	0.64	0.76	0.7	0.66	0.42	0.26	0.29	0.33
147.5	0.72	0.73	0.76	0.71	0.57	0.4	0.19	0.11	0.13	0.25
150	0.67	0.57	0.56	0.44	0.21	0.08	0.09	0.1	0.08	0.06
152.5	0.28	0.22	0.09	0.07	0.04	0.05	0.06	0.09	0.09	0.05
155	0	0.01	0.01	0.02	0.07	0.04	0.03	0.05	0.08	0.03
157.5	0	0	0.01	0.03	0.03	0.06	0.05	0.04	0.04	0.02
160	0	0	0.01	0.01	0.02	0.02	0.02	0.03	0.03	0.01
162.5	0	0	0	0	0	0.01	0.01	0.01	0.01	0.02
165	0	0	0	0	0	0	0	0	0.02	0.02

IES ROAD REPORT
PHOTOMETRIC FILENAME : JT-HOR-FCUT 42CFL.IES

CANDELA TABULATION - (Cont.)

167.5	0	0	0	0	0	0	0	0	0	0.01
170	0	0	0	0	0	0	0.01	0.02	0	0.01
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

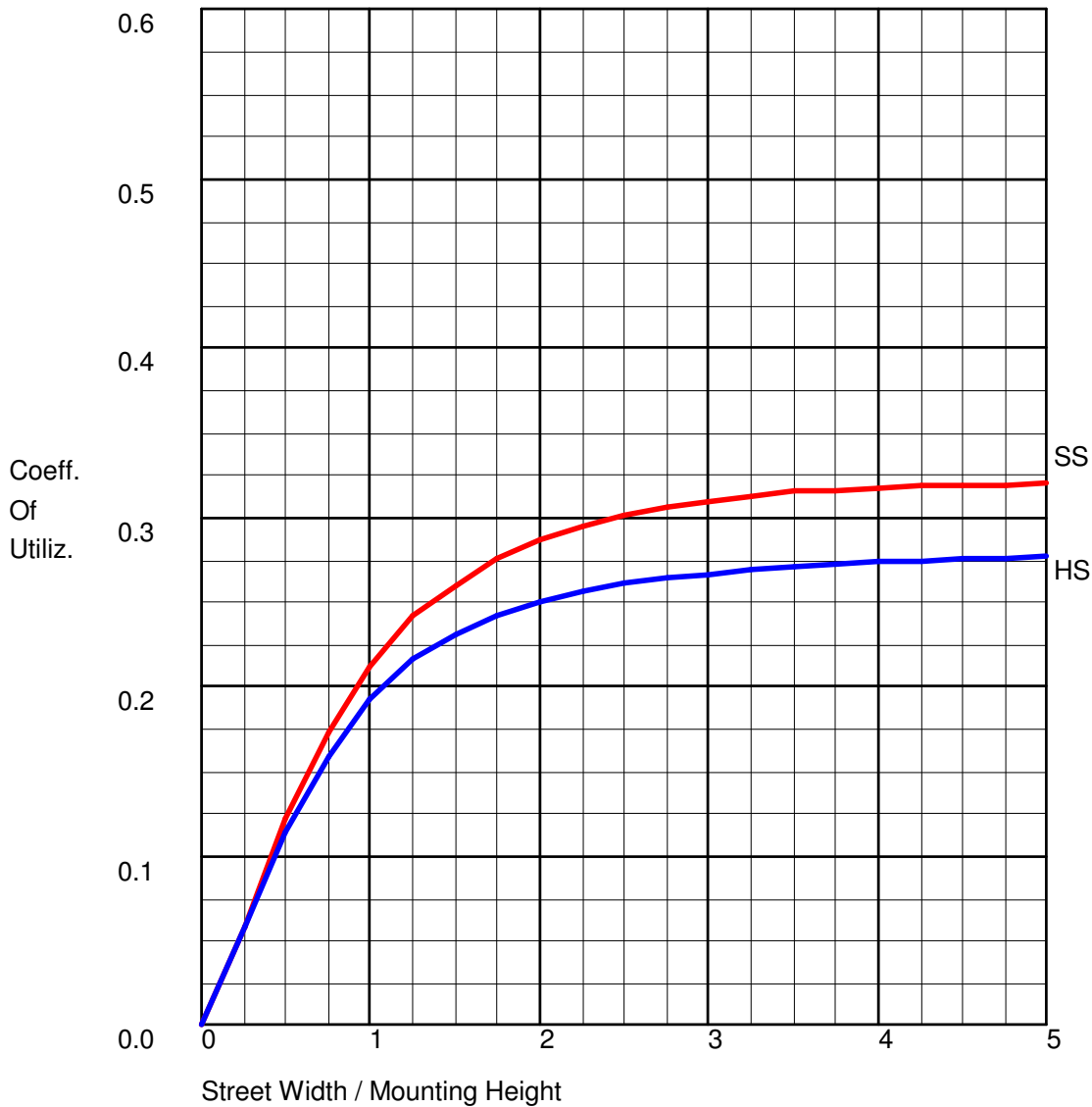
	<u>150</u>	<u>155</u>	<u>160</u>	<u>165</u>	<u>170</u>	<u>175</u>	<u>180</u>
0	19.13	19.13	19.13	19.13	19.13	19.13	19.13
2.5	22.61	22.26	19.94	21.15	10.44	16.42	13.42
5	17.13	10.67	14.2	13.03	10.94	9.66	8.24
7.5	13.93	15.89	12.64	13.19	14.85	11.67	10.47
10	29.28	33.6	36.39	40.48	37.26	35.44	27.02
12.5	71.53	77.34	99.4	98.25	94.42	68.82	70.54
15	130.31	136.17	154.37	152	145.73	109.44	95.19
17.5	186.01	187.76	204.99	203.37	198.65	159.21	122.64
20	243.77	255.22	263	248.35	262.52	191.93	125.04
22.5	282.39	305.94	317.46	313.85	323.59	252.68	178.39
25	326.97	350.69	355.9	356.67	348.13	304.64	239.91
27.5	343.15	364.36	369.2	364.26	348.53	326.28	294.98
30	353.19	379.46	373.71	365.87	356.62	352.6	347.56
32.5	372.36	388.56	392.22	393.07	368.86	379.55	385.57
35	406.05	424.41	429.39	412.61	405.07	398.21	390.31
37.5	438.06	432.63	446.86	441.3	434.41	419.23	414.97
40	437.65	439.46	451.98	459.8	452.93	435.35	431.48
42.5	438.28	448.64	454.05	458.85	442.95	421.4	413.85
45	434.9	430.56	435.74	426.41	416.09	408.17	380.95
47.5	416.83	417.1	419.83	423.66	393.39	377.93	357.54
50	395.13	389	409.09	391.06	374.16	353.28	336.1
52.5	381.36	369.15	385.63	365.62	354.13	335.57	314.92
55	358.77	351	360.63	351.83	321.46	305.89	294.24
57.5	328.32	322.14	331.08	321.58	305.51	297.31	286.59
60	305.58	311.47	316.53	301.32	281	274.05	265.54
62.5	286.24	283.98	286.31	284.36	263.25	256.43	249.9
65	261.5	256.96	270.34	262.54	241.63	239.75	229.2
67.5	232.73	236.72	245.85	239.25	217.94	219.85	219.96
70	219.29	214.48	222.7	207.75	193.48	202	194.88
72.5	194.15	197.43	188.43	182.49	173.38	173.77	168.63
75	173.65	176.82	164.3	153.72	157.84	150.72	150.18
77.5	150.23	153.62	141.09	120.96	126.75	126.77	120.29
80	127.54	125.28	106.75	88.9	94.4	94.25	93.6
82.5	91.97	89.09	72.45	56.11	68.25	64.81	59.95
85	58.02	56.4	43.83	36.26	40.63	38.95	42.05
87.5	39.44	37.6	28.29	24.69	28.57	27.95	30.16
90	35.77	32.75	22.48	22.62	25.25	25.43	24.46
92.5	35.85	28.22	21.79	21.33	22.96	22.58	20.37
95	33.25	25.91	20.84	23.31	19.84	17.43	15.58
97.5	29.92	20.92	19.23	20.91	15.86	12.89	11.6
100	18.68	14.95	12.89	11.97	8.87	7.51	7.47
102.5	11.98	7.63	8.19	5.78	3.66	3.61	3.07
105	5.78	6.91	7.74	5.54	3.51	3.05	3.09
107.5	2.75	4.2	5.5	4.45	3.45	3.46	3.17
110	1.67	2.53	3.63	3.23	3.06	3.64	3.05
112.5	0.76	0.86	1.23	1.53	2.97	3.78	4.21

IES ROAD REPORT
PHOTOMETRIC FILENAME : JT-HOR-FCUT 42CFL.IES

CANDELA TABULATION - (Cont.)

115	0.78	0.73	0.66	1.24	3.46	3.54	4.3
117.5	0.54	0.68	0.7	1.25	2.86	3.63	3.7
120	0.55	0.52	0.58	1.33	2.61	3.12	2.94
122.5	0.38	0.41	0.78	1.38	1.96	2.45	2.15
125	0.3	0.34	0.59	1.27	1.69	2.13	2
127.5	0.33	0.37	0.72	1.22	1.72	1.79	1.75
130	0.25	0.43	0.7	1.15	1.62	1.74	1.74
132.5	0.31	0.46	0.75	1.18	1.36	1.41	1.27
135	0.42	0.63	0.85	1.04	1.2	1.31	1.25
137.5	0.57	0.75	1.05	1.2	1.32	1.32	1.36
140	0.66	0.96	1.19	1.33	1.46	1.62	1.5
142.5	0.71	1.07	1.36	1.5	1.69	1.77	1.67
145	0.58	1.02	1.34	1.74	1.67	1.84	1.69
147.5	0.39	0.61	0.87	1.15	1.36	1.55	1.43
150	0.12	0.35	0.52	0.66	0.85	0.86	0.95
152.5	0.04	0.04	0.1	0.22	0.31	0.35	0.44
155	0.05	0.04	0.04	0.02	0.02	0.01	0
157.5	0	0.02	0.03	0.01	0.01	0.02	0.02
160	0	0.04	0.02	0.02	0.02	0	0.01
162.5	0.02	0.03	0.01	0.02	0.02	0.01	0.03
165	0.02	0.02	0	0.03	0.02	0.01	0
167.5	0.01	0.03	0.03	0.02	0.02	0	0.02
170	0	0.02	0	0.02	0.01	0.01	0.02
172.5	0	0	0	0.02	0	0	0
175	0	0	0	0.03	0	0	0
177.5	0	0	0	0	0	0	0
180	0	0	0	0	0	0	0

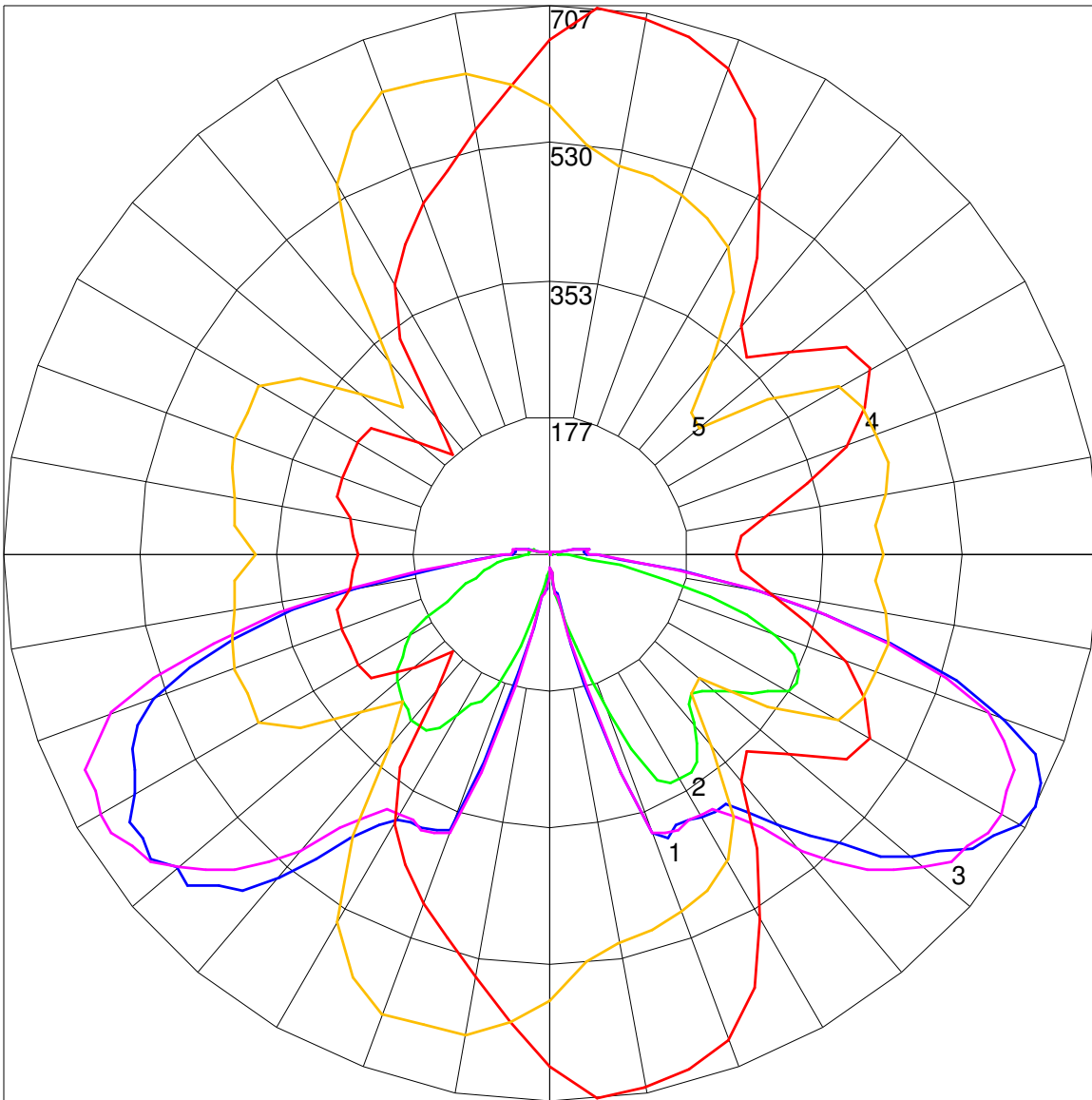
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

	Lumens	Percent Of Lamp
Downward Street Side	1043.4	32.6
Downward House Side	907.6	28.4
Downward Total	1951.0	61.0
Upward Street Side	19.7	0.6
Upward House Side	22.5	0.7
Upward Total	42.2	1.3
Total Flux	1993.2	62.3

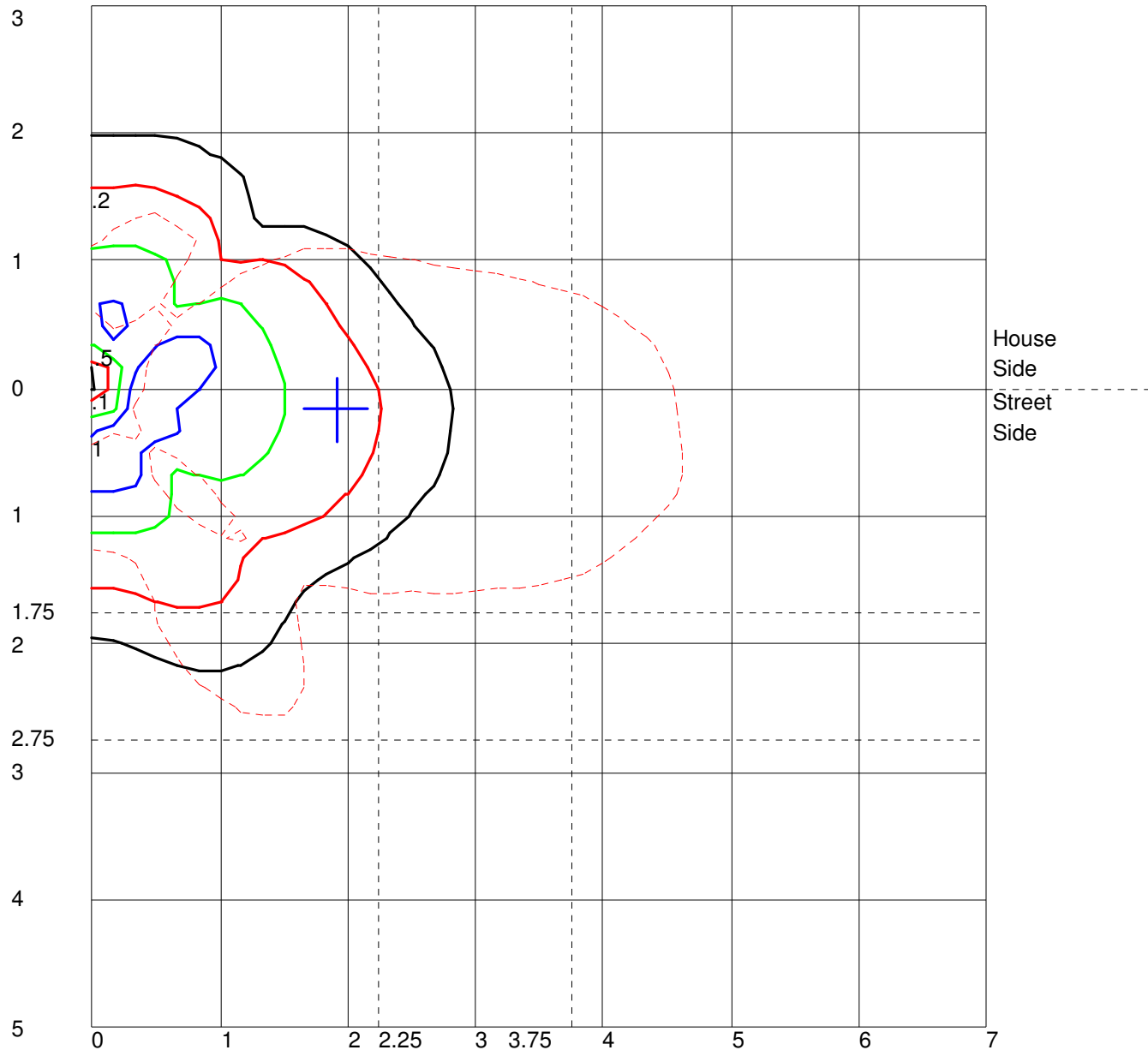
POLAR GRAPH



Maximum Candela = 706.9 Located At Horizontal Angle = 85, Vertical Angle = 62.5

- # 1 - Vertical Plane Through Horizontal Angles (85 - 265) (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 (62.5) (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