



IES ROAD REPORT

PHOTOMETRIC FILENAME : AFL MD F UV 840.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST]

[TESTLAB] Standard-Tech Co. Ltd

[TESTDATE] 31 May 2017

[ISSUEDATE] 2017-06-07 09:44:22

[NEARFIELD]

[LAMPPOSITION] 0,0

[OTHER] EVERFINE GO-R5000_V2 SYSTEM

[MANUFAC] LumenFocus, LLC

[LUMINAIRE] AFL MD F UV 840

[OTHER]

[OTHER]	Gamma(deg)	Fz(lm)	Ft(lm)	%Lum	%Lamp
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[OTHER]	0- 10	352.50	352.50	1.92	1.82
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[OTHER]	10- 20	1076.70	1429.20	7.79	7.38
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[OTHER]	20- 30	1848.25	3277.45	17.87	16.92
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[OTHER]	30- 40	2624.05	5901.50	32.17	30.47
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[OTHER]	40- 50	3271.69	9173.19	50.01	47.37
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[OTHER]	50- 60	3613.23	12786.43	69.70	66.03
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[OTHER]	60- 70	3280.46	16066.89	87.59	82.97
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[OTHER]	70- 80	1956.32	18023.20	98.25	93.07
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[OTHER]	80- 90	296.95	18320.15	99.87	94.60
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[OTHER]	90-100	2.41	18322.56	99.88	94.61
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[OTHER]	100-110	3.33	18325.89	99.90	94.63
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[OTHER]	110-120	4.13	18330.02	99.93	94.65
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[OTHER]	120-130	3.89	18333.92	99.95	94.67
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[OTHER]	130-140	3.28	18337.20	99.96	94.69
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[OTHER]	140-150	2.64	18339.84	99.98	94.70
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[OTHER]	150-160	2.00	18341.83	99.99	94.71
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[OTHER]	160-170	1.33	18343.16	100.00	94.72
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[OTHER]	170-180	0.50	18343.66	100.00	94.72
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[OTHER]

CHARACTERISTICS

IES Classification	Type IV
Longitudinal Classification	Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	18345
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	125
Total Luminaire Watts	147
Ballast Factor	1.00
Upward Waste Light Ratio	0.00
Maximum Candela	6061.78
Maximum Candela Angle	60H 66V
Maximum Candela (<90 Degrees Vertical)	6061.78
Maximum Candela Angle (<90 Degrees Vertical)	60H 66V
Maximum Candela At 90 Degrees Vertical	4.7 (0.0% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	2450.07 (13.4% Luminaire Lumens)

LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	1860.8	N.A.	10.1
FM - Front-Medium (30-60)	5829.3	N.A.	31.8
FH - Front-High (60-80)	3582.6	N.A.	19.5
FVH - Front-Very High (80-90)	223.1	N.A.	1.2
BL - Back-Low (0-30)	1416.7	N.A.	7.7
BM - Back-Medium (30-60)	3680.5	N.A.	20.1
BH - Back-High (60-80)	1654.8	N.A.	9.0
BVH - Back-Very High (80-90)	73.9	N.A.	0.4
UL - Uplight-Low (90-100)	2.4	N.A.	0.0
UH - Uplight-High (100-180)	21.1	N.A.	0.1
Total	18345.2	N.A.	100.0
BUG Rating	B3-U2-G3		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0</u>	<u>15</u>	<u>30</u>	<u>45</u>	<u>60</u>	<u>75</u>	<u>90</u>	<u>105</u>	<u>120</u>	<u>135</u>
0	3667.17	3667.17	3667.17	3667.17	3667.17	3667.17	3667.17	3667.17	3667.17	3667.17
1	3715.17	3713.06	3708.94	3704.11	3693.95	3682.32	3670.83	3659.36	3647.28	3637.96
2	3762.67	3760.03	3751.55	3740.39	3720.96	3699.33	3675.50	3652.71	3629.28	3609.63
3	3810.61	3807.28	3794.30	3777.94	3748.82	3717.06	3681.08	3648.37	3612.71	3583.57
4	3858.26	3854.47	3838.09	3815.56	3777.48	3736.20	3687.26	3644.74	3597.72	3559.31
5	3906.54	3901.52	3881.29	3852.35	3807.12	3756.92	3695.98	3643.29	3584.13	3535.74
6	3952.61	3948.71	3923.99	3891.29	3838.10	3778.93	3706.75	3642.46	3572.36	3514.19
7	3998.04	3994.50	3968.72	3929.82	3869.67	3802.90	3718.39	3643.94	3561.72	3494.17
8	4044.68	4041.16	4013.29	3969.34	3902.75	3828.40	3732.30	3646.48	3552.71	3474.85
9	4090.77	4089.37	4057.37	4008.75	3936.74	3853.65	3747.89	3650.63	3545.63	3457.38
10	4138.78	4137.31	4101.93	4048.31	3971.40	3879.75	3764.07	3655.76	3540.46	3441.12
11	4187.22	4188.30	4148.25	4089.73	4007.97	3907.22	3781.97	3664.38	3537.63	3426.81
12	4236.12	4239.71	4196.60	4131.94	4043.40	3937.04	3802.78	3675.87	3536.53	3413.12
13	4286.39	4292.13	4244.84	4174.50	4080.81	3969.95	3825.98	3690.57	3537.40	3400.96
14	4336.77	4342.61	4294.75	4219.84	4120.18	4004.09	3850.76	3704.80	3538.53	3389.46
15	4389.13	4395.27	4345.86	4268.28	4161.77	4040.85	3876.27	3720.40	3540.88	3380.77
16	4442.36	4446.58	4397.98	4315.46	4205.24	4077.49	3901.72	3737.50	3543.51	3371.52
17	4496.92	4498.43	4451.27	4364.16	4250.59	4118.00	3929.15	3757.69	3546.57	3361.82
18	4550.33	4549.46	4505.79	4413.84	4299.40	4160.99	3959.86	3778.17	3549.84	3353.05
19	4603.60	4600.03	4559.54	4464.16	4349.51	4205.97	3994.34	3799.78	3554.93	3344.68
20	4658.16	4652.85	4610.05	4515.50	4402.34	4251.41	4029.22	3823.45	3562.67	3336.68
21	4711.60	4703.88	4659.87	4565.84	4455.64	4298.78	4064.90	3848.74	3569.06	3328.56
22	4765.54	4755.01	4706.87	4616.03	4509.51	4348.45	4101.57	3873.85	3576.77	3321.17
23	4818.56	4803.72	4753.38	4664.09	4563.06	4398.34	4142.01	3899.30	3583.76	3313.93
24	4870.40	4850.25	4799.61	4712.06	4614.95	4451.93	4184.93	3923.75	3591.82	3306.53
25	4921.52	4897.40	4845.21	4759.15	4664.30	4508.64	4226.63	3949.27	3598.75	3301.07
26	4969.61	4941.68	4888.12	4805.30	4716.22	4567.75	4270.40	3975.24	3605.31	3295.96
27	5017.23	4986.28	4929.28	4852.58	4769.51	4624.05	4318.67	4002.98	3613.74	3290.52
28	5059.27	5027.60	4969.84	4900.30	4820.25	4679.37	4368.56	4029.63	3621.83	3286.27
29	5097.41	5065.75	5008.71	4946.50	4869.96	4734.46	4421.70	4058.93	3631.71	3283.47
30	5130.38	5100.71	5046.53	4991.00	4921.06	4789.76	4478.96	4088.80	3644.50	3279.41
31	5160.02	5134.36	5083.47	5034.98	4972.36	4843.91	4534.90	4118.87	3657.68	3276.32
32	5185.46	5165.27	5118.56	5077.63	5023.78	4897.70	4598.73	4150.21	3671.18	3274.31
33	5207.68	5192.10	5150.00	5119.13	5076.47	4952.02	4663.62	4181.89	3686.47	3270.86
34	5226.26	5215.67	5179.18	5155.02	5126.24	5005.56	4732.48	4212.61	3698.47	3268.04
35	5238.69	5234.06	5205.92	5190.51	5174.77	5060.65	4798.76	4244.25	3710.83	3266.56
36	5243.84	5249.02	5233.04	5225.79	5220.86	5114.98	4862.62	4279.26	3720.96	3264.05
37	5245.27	5259.13	5257.67	5260.70	5268.46	5169.22	4926.81	4314.81	3730.72	3257.15
38	5241.38	5261.36	5278.33	5291.45	5315.84	5223.87	4984.72	4349.95	3738.11	3246.86
39	5233.30	5255.67	5293.40	5319.98	5357.54	5272.43	5038.26	4383.38	3746.29	3235.32
40	5216.70	5246.09	5301.79	5347.43	5401.60	5322.91	5085.94	4414.63	3753.10	3224.32
41	5192.99	5232.24	5302.78	5372.05	5446.57	5371.40	5132.24	4444.69	3759.07	3210.78
42	5159.77	5210.47	5299.34	5396.15	5483.56	5417.78	5176.89	4474.19	3760.66	3193.30
43	5121.49	5180.22	5291.44	5415.46	5526.06	5461.74	5219.56	4501.00	3755.98	3176.03
44	5079.50	5142.03	5278.41	5431.44	5562.02	5498.87	5249.49	4525.94	3748.28	3156.79
45	5034.63	5099.65	5260.71	5440.49	5595.30	5530.21	5281.89	4545.22	3738.12	3134.21
46	4983.03	5052.46	5240.49	5443.79	5628.50	5558.24	5305.24	4563.48	3725.15	3104.90
47	4921.83	5001.56	5214.66	5444.95	5663.73	5583.92	5329.90	4576.89	3715.10	3078.20
48	4854.10	4946.48	5181.89	5446.68	5697.18	5610.44	5353.78	4589.27	3699.89	3050.80
49	4781.81	4886.01	5138.57	5444.41	5726.27	5637.46	5374.55	4601.33	3681.43	3019.97
50	4708.77	4818.01	5088.67	5442.18	5749.07	5663.37	5391.87	4610.06	3659.41	2989.77
51	4631.24	4744.08	5037.73	5431.41	5768.37	5682.14	5410.40	4618.31	3640.71	2958.36
52	4546.42	4665.89	4982.31	5415.38	5792.35	5704.41	5429.70	4627.50	3620.17	2924.32

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CANDELA TABULATION - (Cont.)

53	4451.90	4577.16	4916.47	5397.64	5816.87	5728.29	5445.81	4634.02	3594.21	2884.95
54	4353.28	4482.87	4848.90	5376.12	5843.93	5747.93	5456.82	4635.36	3562.07	2843.29
55	4248.59	4385.56	4780.16	5357.28	5869.87	5767.86	5459.34	4633.10	3524.27	2799.34
56	4133.95	4282.19	4701.65	5336.75	5894.86	5773.85	5446.12	4625.54	3483.86	2751.84
57	4012.92	4171.51	4616.37	5316.15	5917.48	5781.11	5426.97	4607.78	3439.64	2698.87
58	3888.99	4057.06	4527.51	5294.05	5942.79	5783.46	5401.62	4580.17	3391.13	2639.13
59	3758.13	3930.67	4432.59	5262.63	5963.48	5774.34	5357.10	4541.23	3329.84	2572.48
60	3620.66	3799.18	4329.29	5224.77	5980.83	5753.94	5291.61	4488.24	3261.71	2498.38
61	3483.44	3665.00	4224.75	5183.89	5997.83	5721.41	5214.72	4417.81	3186.52	2418.96
62	3344.98	3527.30	4110.23	5140.14	6011.65	5673.61	5113.74	4324.58	3096.55	2330.78
63	3205.25	3383.58	3994.70	5096.63	6032.15	5603.96	4982.70	4209.67	2999.32	2232.87
64	3066.26	3241.02	3876.17	5049.08	6048.87	5503.03	4814.93	4074.43	2889.03	2124.16
65	2936.29	3102.39	3752.59	4993.44	6059.56	5373.39	4609.69	3901.29	2761.54	2013.73
66	2830.43	2988.22	3629.98	4934.11	6061.78	5207.05	4357.51	3691.31	2628.00	1896.20
67	2760.68	2903.96	3528.08	4879.60	6043.48	5013.16	4069.79	3447.02	2479.23	1777.85
68	2737.51	2861.50	3444.78	4831.88	5995.82	4803.79	3755.63	3170.44	2323.15	1653.08
69	2766.53	2876.98	3405.78	4790.11	5918.60	4608.83	3451.18	2888.98	2151.63	1528.31
70	2777.40	2929.75	3433.10	4753.33	5778.92	4451.94	3170.37	2601.19	1973.17	1403.50
71	2619.08	2916.17	3536.53	4722.64	5562.56	4371.55	2972.07	2329.87	1793.57	1277.58
72	2063.99	2677.52	3684.20	4691.07	5261.59	4396.17	2878.51	2098.70	1622.17	1148.88
73	1248.19	2074.12	3755.13	4643.52	4817.24	4501.35	2930.86	1910.55	1450.77	1016.21
74	923.52	1294.24	3609.72	4578.84	4191.88	4541.03	3147.87	1781.23	1280.05	879.03
75	600.90	700.26	3043.62	4517.80	3356.41	4259.91	3396.32	1736.54	1134.55	745.77
76	278.28	499.93	2152.86	4356.08	2637.66	3602.87	3421.01	1740.46	1005.40	629.16
77	220.55	299.95	1299.64	3880.39	2562.62	2877.57	3126.92	1571.99	886.94	529.55
78	188.24	238.53	738.61	3212.99	2944.19	2400.56	2671.99	1403.53	762.60	449.90
79	161.45	199.45	525.11	2382.32	2932.60	2148.00	2169.31	1235.05	622.54	376.37
80	137.00	168.06	312.62	1585.42	2450.07	1944.35	1744.64	856.48	466.25	298.68
81	114.41	140.07	229.71	1071.11	1911.44	1710.02	1319.97	544.20	321.29	233.66
82	92.52	114.23	170.05	783.89	1568.32	1452.05	897.26	358.64	199.73	184.31
83	71.90	89.45	129.07	592.89	1340.79	1186.66	570.28	270.52	157.92	146.40
84	52.70	66.68	94.94	402.58	1150.03	918.77	334.75	226.96	126.24	117.85
85	34.48	44.45	65.89	280.36	936.98	688.16	201.42	189.77	89.66	88.37
86	18.01	23.86	40.33	180.24	688.68	458.77	124.11	139.50	52.35	54.20
87	5.61	7.85	18.01	93.70	439.54	229.38	77.54	84.87	28.49	23.80
88	1.54	2.03	4.40	25.02	190.41	82.13	33.66	28.15	12.72	8.07
89	0.80	1.13	2.40	4.69	13.65	5.71	4.35	3.76	3.60	2.94
90	0.60	0.86	1.93	3.59	4.70	4.14	3.73	3.28	2.94	2.23
91	0.45	0.65	1.59	3.04	3.80	3.55	3.69	3.31	2.94	2.47
92	0.32	0.47	1.28	2.53	3.26	3.07	3.66	3.39	3.07	2.72
93	0.21	0.37	1.00	2.11	2.79	2.70	3.62	3.57	3.25	2.98
94	0.16	0.26	0.81	1.77	2.42	2.42	3.59	3.70	3.49	3.26
95	0.10	0.18	0.68	1.46	2.11	2.21	3.55	3.91	3.75	3.50
96	0.08	0.11	0.55	1.27	1.85	2.06	3.55	4.07	4.06	3.78
97	0.05	0.10	0.47	1.07	1.65	1.93	3.68	4.25	4.43	3.99
98	0.05	0.08	0.39	0.96	1.51	1.85	3.86	4.46	4.79	4.19
99	0.05	0.08	0.34	0.86	1.41	1.72	4.02	4.74	5.11	4.27
100	0.05	0.08	0.31	0.76	1.35	1.74	4.18	5.11	5.45	4.30
101	0.05	0.08	0.32	0.70	1.28	1.77	4.41	5.58	5.78	4.35
102	0.05	0.08	0.32	0.68	1.27	1.79	4.65	5.99	6.07	4.43
103	0.05	0.08	0.33	0.68	1.20	1.82	4.91	6.28	6.32	4.61
104	0.08	0.10	0.33	0.68	1.15	1.84	5.25	6.44	6.45	4.92
105	0.05	0.15	0.35	0.68	1.12	1.87	5.66	6.65	6.76	5.08
106	0.18	0.23	0.37	0.68	1.12	1.89	6.14	6.91	7.05	5.23
107	0.23	0.29	0.40	0.68	1.17	1.92	6.64	7.14	7.28	5.30
108	0.31	0.29	0.42	0.73	1.32	1.97	6.94	7.38	7.28	5.28

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CANDELA TABULATION - (Cont.)

109	0.29	0.31	0.44	0.83	1.48	2.10	7.02	7.71	7.28	5.31
110	0.39	0.39	0.57	0.96	1.61	2.36	6.99	8.00	7.28	5.34
111	0.44	0.44	0.70	1.07	1.74	2.39	7.10	8.10	7.27	5.37
112	0.60	0.60	0.70	1.12	1.90	2.75	7.23	8.10	7.27	5.40
113	0.70	0.68	0.78	1.19	1.95	2.88	7.36	8.12	7.27	5.39
114	0.73	0.75	1.01	1.27	2.00	2.93	7.46	8.07	7.26	5.37
115	0.78	0.91	1.04	1.35	2.11	3.17	7.52	8.05	7.26	5.36
116	0.93	1.06	1.12	1.43	2.31	3.20	7.54	8.00	7.26	5.34
117	1.01	1.17	1.14	1.46	2.32	3.25	7.59	8.00	7.25	5.33
118	1.14	1.15	1.17	1.50	2.32	3.48	7.59	7.91	7.07	5.22
119	1.12	1.17	1.20	1.54	2.33	3.56	7.62	7.79	7.00	5.02
120	1.19	1.17	1.21	1.57	2.34	3.56	7.52	7.63	6.91	4.89
121	1.22	1.19	1.23	1.61	2.35	3.61	7.35	7.36	6.71	4.84
122	1.27	1.21	1.25	1.71	2.35	3.59	7.30	7.16	6.58	4.79
123	1.30	1.22	1.27	1.82	2.36	3.59	7.25	7.13	6.48	4.79
124	1.38	1.24	1.29	1.90	2.37	3.56	7.20	7.10	6.32	4.80
125	1.48	1.26	1.31	1.92	2.55	3.56	7.15	7.07	6.30	4.80
126	1.56	1.28	1.33	1.95	2.68	3.61	7.10	7.04	6.32	4.80
127	1.56	1.35	1.43	1.95	2.76	3.61	7.05	7.00	6.27	4.81
128	1.64	1.48	1.53	1.94	2.86	3.71	7.02	6.96	6.27	4.81
129	1.72	1.51	1.56	1.94	2.88	3.92	7.02	6.93	6.24	4.89
130	1.87	1.61	1.66	1.94	2.90	3.97	6.96	6.89	6.22	4.86
131	1.92	1.77	1.87	1.94	2.92	4.03	6.75	6.85	6.14	4.86
132	1.92	1.90	1.90	1.93	2.94	4.08	6.55	6.67	6.01	4.78
133	1.98	1.93	1.93	1.93	2.96	4.07	6.47	6.53	5.75	4.63
134	2.03	2.03	1.98	1.93	2.98	4.06	6.18	6.40	5.69	4.66
135	2.11	2.08	1.95	1.93	3.00	4.05	6.08	6.14	5.64	4.63
136	2.21	2.13	1.98	1.94	3.02	4.04	5.74	5.99	5.59	4.66
137	2.26	2.16	2.03	1.95	3.04	4.03	5.68	5.81	5.54	4.66
138	2.28	2.19	2.03	1.95	3.06	3.98	5.48	5.73	5.49	4.74
139	2.29	2.20	2.06	1.96	3.08	3.95	5.40	5.68	5.49	4.84
140	2.30	2.22	2.03	1.97	3.10	3.90	5.32	5.49	5.59	4.92
141	2.31	2.24	2.03	2.03	3.12	3.85	5.29	5.39	5.70	5.07
142	2.33	2.26	2.06	2.26	3.14	3.85	5.06	5.38	5.77	5.21
143	2.34	2.28	2.08	2.34	3.16	3.83	4.82	5.36	5.83	5.41
144	2.35	2.30	2.18	2.42	3.18	3.82	4.48	5.35	5.85	5.62
145	2.37	2.31	2.31	2.55	3.21	3.81	4.12	5.33	5.88	5.83
146	2.39	2.34	2.37	2.73	3.20	3.80	3.84	5.32	5.96	5.84
147	2.42	2.44	2.37	2.75	3.20	3.79	3.84	5.30	5.98	5.85
148	2.44	2.52	2.39	2.81	3.20	3.78	3.86	5.29	5.98	5.86
149	2.57	2.65	2.44	2.86	3.21	3.77	3.86	5.29	5.97	5.87
150	2.73	2.73	2.52	2.86	3.21	3.67	4.02	5.26	5.97	5.89
151	2.75	2.78	2.55	2.86	3.22	3.61	4.23	5.05	5.97	5.90
152	2.77	2.76	2.75	2.86	3.22	3.59	4.47	4.92	5.96	5.91
153	2.79	2.78	2.78	2.86	3.23	3.56	4.72	4.89	5.96	5.92
154	2.80	2.81	2.76	2.87	3.24	3.53	4.93	4.61	5.90	5.93
155	2.82	2.78	2.78	2.88	3.24	3.51	5.07	4.48	5.83	5.94
156	2.84	2.78	2.78	2.88	3.25	3.48	5.17	4.48	5.77	5.96
157	2.86	2.84	2.84	2.89	3.25	3.43	5.25	4.45	5.75	5.97
158	2.96	2.94	2.91	2.90	3.26	3.38	5.30	4.48	5.70	5.98
159	3.17	3.07	2.99	2.91	3.27	3.25	5.32	4.48	5.70	5.99
160	3.17	3.20	3.17	3.01	3.28	3.30	5.35	4.62	5.67	6.00
161	3.20	3.20	3.20	3.17	3.29	3.35	5.38	4.87	5.62	6.00
162	3.25	3.25	3.23	3.20	3.30	3.40	5.38	5.21	5.62	6.03
163	3.33	3.40	3.33	3.17	3.30	3.45	5.39	5.44	5.62	6.00
164	3.46	3.56	3.56	3.30	3.48	3.50	5.40	5.55	5.62	6.01

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165	3.59	3.62	3.67	3.48	3.56	3.55	5.40	5.55	5.62	6.02
166	3.67	3.82	3.98	3.73	3.64	3.69	5.41	5.54	5.62	6.03
167	3.80	3.98	4.16	4.00	3.69	3.77	5.42	5.54	5.62	6.04
168	3.97	4.16	4.37	4.21	3.82	3.77	5.42	5.54	5.62	6.05
169	4.16	4.40	4.48	4.39	3.98	3.97	5.43	5.53	5.62	6.05
170	4.39	4.53	4.63	4.49	4.14	4.10	5.43	5.53	5.64	6.06
171	4.47	4.63	4.76	4.57	4.34	4.23	5.44	5.53	5.62	6.07
172	4.50	4.66	4.89	4.73	4.40	4.39	5.45	5.52	5.63	6.08
173	4.58	4.68	4.94	4.83	4.40	4.44	5.45	5.52	5.64	6.09
174	4.73	4.81	5.10	5.06	4.47	4.47	5.43	5.47	5.66	6.10
175	4.86	4.81	5.23	5.24	4.50	4.47	5.43	5.47	5.67	6.11
176	4.86	4.87	5.26	5.25	4.58	4.49	5.37	5.36	5.68	6.08
177	4.89	4.92	5.31	5.30	4.76	4.60	5.11	5.10	5.70	6.05
178	4.89	4.97	5.33	5.38	4.86	4.68	5.06	5.08	5.72	5.87
179	4.92	5.00	5.33	5.35	4.87	4.78	5.06	5.08	5.59	5.72
180	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94

Vert. Angles **Horizontal Angles**

	<u>150</u>	<u>165</u>	<u>180</u>	<u>195</u>	<u>210</u>	<u>225</u>	<u>240</u>	<u>255</u>	<u>270</u>	<u>285</u>
0	3667.17	3667.17	3667.17	3667.17	3667.17	3667.17	3667.17	3667.17	3667.17	3667.17
1	3629.25	3624.55	3622.81	3622.15	3625.99	3631.70	3640.96	3650.79	3664.23	3675.28
2	3593.95	3584.14	3577.68	3579.66	3586.22	3596.67	3615.95	3636.45	3662.46	3685.71
3	3560.38	3544.07	3536.09	3538.46	3547.84	3564.10	3592.84	3623.69	3661.30	3696.63
4	3527.14	3506.57	3494.44	3498.50	3511.40	3531.17	3570.60	3611.31	3661.28	3709.34
5	3495.88	3468.85	3454.61	3459.40	3475.30	3501.17	3548.66	3599.81	3661.85	3723.16
6	3465.23	3433.04	3416.42	3420.71	3440.16	3471.40	3528.18	3590.58	3663.01	3739.19
7	3436.67	3398.54	3378.71	3383.16	3405.32	3442.42	3509.42	3581.67	3665.26	3756.18
8	3408.86	3365.03	3342.53	3346.47	3372.57	3415.90	3491.38	3574.50	3668.73	3774.75
9	3382.78	3332.44	3307.07	3310.78	3339.25	3389.80	3474.06	3570.81	3673.62	3793.49
10	3358.56	3302.15	3274.86	3277.05	3307.91	3365.67	3458.52	3567.15	3679.54	3811.93
11	3335.82	3275.03	3243.63	3246.15	3278.78	3342.47	3443.93	3564.56	3686.00	3830.12
12	3314.32	3249.49	3213.58	3216.01	3251.73	3321.50	3431.23	3562.85	3695.00	3848.97
13	3294.32	3223.87	3184.79	3188.45	3226.48	3301.48	3420.49	3562.91	3706.23	3868.84
14	3276.63	3199.75	3157.25	3162.91	3203.03	3282.42	3411.75	3564.90	3718.69	3890.32
15	3259.92	3177.62	3129.28	3139.99	3180.10	3264.36	3402.70	3569.61	3731.55	3912.68
16	3244.58	3157.06	3104.41	3115.82	3159.15	3246.41	3394.34	3575.78	3745.18	3936.43
17	3229.92	3137.29	3082.59	3091.97	3139.38	3230.01	3387.40	3581.82	3763.26	3963.57
18	3216.73	3117.40	3060.69	3067.89	3119.26	3213.33	3380.59	3587.72	3783.02	3994.64
19	3203.14	3097.09	3037.52	3044.25	3099.37	3198.49	3375.07	3595.35	3804.99	4027.94
20	3187.62	3077.87	3012.53	3021.20	3078.35	3183.28	3370.45	3604.54	3829.68	4063.94
21	3173.38	3057.89	2986.99	2996.25	3057.83	3168.09	3364.36	3614.43	3857.92	4101.05
22	3158.61	3036.57	2961.93	2972.03	3036.39	3154.27	3359.27	3625.56	3888.10	4137.38
23	3143.59	3015.94	2937.68	2947.86	3015.06	3140.45	3356.16	3636.95	3917.43	4174.98
24	3127.52	2993.11	2912.66	2924.13	2992.67	3127.53	3352.44	3649.88	3950.25	4214.51
25	3112.19	2968.76	2888.62	2898.76	2971.35	3113.37	3351.00	3663.34	3983.31	4255.80
26	3097.94	2943.02	2864.59	2875.39	2952.58	3100.07	3350.16	3681.13	4018.22	4298.34
27	3082.37	2916.57	2839.26	2851.63	2932.29	3089.60	3351.03	3696.85	4057.88	4343.83
28	3068.14	2890.69	2813.96	2827.87	2913.81	3078.19	3352.81	3713.90	4094.15	4391.10
29	3049.36	2866.67	2786.94	2805.62	2895.92	3070.07	3357.44	3734.50	4131.22	4436.94
30	3032.01	2841.14	2759.11	2783.22	2878.28	3060.76	3361.74	3755.46	4168.61	4482.77
31	3012.75	2813.66	2733.88	2758.48	2860.10	3054.51	3368.26	3778.06	4208.77	4527.09
32	2993.46	2786.67	2705.91	2732.97	2842.06	3046.50	3373.63	3801.35	4250.13	4571.25
33	2974.17	2758.31	2676.56	2706.48	2824.86	3040.14	3379.79	3826.35	4291.04	4613.32
34	2954.18	2729.22	2647.66	2677.98	2804.65	3033.27	3384.64	3853.15	4336.13	4657.12
35	2934.96	2700.51	2612.25	2644.53	2781.85	3024.22	3391.92	3883.54	4381.97	4697.70

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CANDELA TABULATION - (Cont.)

36	2915.04	2668.79	2575.28	2609.58	2758.61	3013.58	3399.41	3913.55	4431.10	4740.41
37	2892.46	2638.00	2537.30	2575.08	2736.24	3003.51	3406.96	3944.41	4483.31	4782.35
38	2870.08	2605.67	2501.81	2539.02	2714.76	2994.42	3414.91	3974.97	4538.73	4827.54
39	2846.94	2575.92	2468.33	2505.14	2693.91	2986.19	3424.01	4005.20	4593.17	4868.58
40	2823.31	2544.99	2434.61	2472.76	2670.45	2977.72	3430.22	4033.07	4636.31	4911.80
41	2800.20	2513.02	2394.82	2441.61	2646.98	2968.47	3438.56	4064.58	4685.30	4950.65
42	2774.28	2482.35	2357.15	2408.22	2622.92	2960.16	3446.61	4098.36	4728.52	4985.83
43	2745.69	2448.67	2321.22	2376.21	2599.79	2949.73	3454.15	4132.79	4762.45	5019.77
44	2714.86	2414.00	2284.04	2346.49	2575.01	2938.13	3458.89	4166.00	4794.86	5052.30
45	2683.89	2381.24	2249.06	2311.95	2551.55	2925.93	3464.84	4201.87	4827.61	5084.71
46	2652.92	2349.44	2216.18	2278.82	2528.30	2912.33	3467.33	4241.16	4865.34	5113.35
47	2617.18	2311.97	2179.40	2245.41	2501.74	2898.78	3466.66	4278.98	4907.52	5142.89
48	2580.84	2272.83	2143.42	2213.73	2475.75	2883.34	3463.03	4313.22	4948.17	5175.55
49	2544.08	2233.86	2110.89	2178.08	2446.72	2868.90	3462.70	4346.69	4994.51	5213.02
50	2506.65	2195.46	2077.35	2141.52	2416.84	2847.50	3457.60	4374.10	5040.07	5249.49
51	2467.41	2156.03	2039.57	2105.15	2384.69	2820.74	3447.59	4397.63	5071.38	5284.32
52	2429.30	2116.92	2002.41	2067.58	2351.05	2790.99	3435.58	4418.91	5100.99	5318.65
53	2391.26	2078.64	1962.89	2029.51	2316.55	2759.89	3413.68	4439.57	5115.74	5354.66
54	2349.19	2039.89	1921.60	1987.62	2279.32	2723.76	3386.22	4452.29	5118.84	5384.79
55	2303.10	1995.68	1880.47	1945.76	2238.79	2685.55	3353.68	4459.04	5118.02	5413.49
56	2253.18	1950.70	1838.79	1901.48	2194.43	2641.34	3317.85	4456.65	5098.41	5438.65
57	2202.02	1902.27	1792.85	1853.12	2141.28	2590.20	3278.74	4440.91	5080.20	5450.53
58	2142.81	1848.06	1742.57	1797.98	2084.27	2530.75	3231.49	4412.78	5049.61	5450.72
59	2081.53	1789.82	1687.02	1739.81	2021.89	2465.31	3176.23	4372.56	4995.16	5444.12
60	2014.93	1725.44	1612.41	1674.10	1951.03	2391.98	3113.91	4317.29	4917.86	5427.13
61	1940.51	1641.42	1537.81	1592.57	1873.80	2311.78	3041.14	4244.45	4836.54	5398.97
62	1859.84	1557.40	1463.06	1511.04	1790.68	2228.74	2960.97	4147.02	4733.29	5353.00
63	1768.27	1473.12	1367.17	1429.31	1699.56	2133.55	2864.80	4028.36	4605.25	5278.61
64	1663.10	1375.20	1264.60	1331.58	1598.59	2030.74	2757.75	3883.98	4439.30	5170.80
65	1557.93	1268.03	1156.01	1229.39	1497.62	1922.15	2637.86	3705.34	4224.19	5039.99
66	1452.72	1156.67	1033.54	1120.33	1396.56	1808.79	2507.66	3485.87	3970.43	4875.73
67	1334.19	1034.10	901.72	1007.11	1289.37	1700.75	2358.84	3231.95	3687.68	4690.63
68	1215.65	909.56	780.77	892.18	1182.99	1586.79	2203.00	2956.39	3383.30	4481.01
69	1104.28	794.04	682.70	781.66	1077.29	1472.83	2036.72	2672.11	3074.87	4268.51
70	994.44	693.56	586.35	684.38	975.34	1358.65	1861.59	2387.36	2788.41	4065.62
71	889.37	606.34	501.14	598.54	877.83	1237.12	1699.57	2134.12	2560.27	3921.98
72	789.85	530.69	400.93	527.17	779.49	1113.09	1537.55	1913.63	2444.36	3888.53
73	695.24	422.49	284.30	430.13	682.93	984.95	1376.08	1745.42	2506.21	3986.18
74	604.90	296.40	231.76	311.06	587.92	858.08	1233.28	1646.76	2738.45	4076.03
75	520.33	229.20	200.40	229.57	505.25	737.85	1110.90	1636.17	3000.91	3827.54
76	436.24	192.30	163.56	192.36	430.21	625.90	996.04	1671.06	3044.49	3112.80
77	355.78	158.78	144.04	157.38	362.31	532.86	878.13	1512.07	2800.12	2415.73
78	274.45	138.16	129.01	136.03	287.48	454.71	754.23	1353.07	2419.12	2004.89
79	217.54	121.61	113.98	119.21	229.15	379.79	613.31	1189.50	2035.61	1859.91
80	177.37	106.43	99.14	104.02	186.63	303.69	471.82	864.69	1685.92	1755.62
81	147.87	91.98	84.48	89.88	154.54	230.05	337.18	596.80	1323.05	1595.37
82	121.17	78.16	70.42	76.08	126.62	175.55	215.32	417.08	956.36	1379.96
83	94.51	64.70	56.88	63.12	98.64	139.68	165.27	314.98	716.36	1143.67
84	69.61	51.69	44.32	50.21	71.19	111.61	131.92	255.33	477.66	893.94
85	46.93	38.58	31.97	37.36	47.33	81.56	92.75	211.95	238.96	674.07
86	30.95	24.95	19.50	23.91	30.58	47.94	52.78	153.20	134.40	455.18
87	16.03	11.32	8.19	11.20	15.43	21.54	26.87	88.32	73.10	236.30
88	3.98	2.52	2.05	2.40	3.65	7.20	11.09	26.89	20.12	76.48
89	1.94	1.18	0.79	1.11	1.86	3.19	3.60	3.76	3.89	5.43
90	0.91	0.39	0.21	0.39	1.02	2.55	3.18	3.59	3.21	3.91
91	1.04	0.39	0.26	0.44	1.20	2.81	3.26	3.64	2.95	3.38

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92	1.25	0.47	0.34	0.50	1.46	3.12	3.44	3.80	2.69	2.97
93	1.49	0.57	0.42	0.62	1.78	3.44	3.65	3.98	2.51	2.66
94	1.75	0.76	0.52	0.81	2.13	3.69	3.91	4.19	2.40	2.42
95	2.01	0.99	0.71	1.07	2.48	3.93	4.27	4.37	2.38	2.27
96	2.27	1.22	0.94	1.36	2.84	4.13	4.64	4.55	2.40	2.22
97	2.52	1.49	1.20	1.65	3.10	4.37	5.05	4.76	2.43	2.16
98	2.76	1.74	1.48	1.93	3.31	4.63	5.37	4.94	2.45	2.16
99	2.97	1.95	1.72	2.19	3.54	4.89	5.68	5.10	2.48	2.14
100	2.99	2.13	1.93	2.42	3.75	5.10	5.96	5.38	2.50	2.14
101	3.02	2.26	2.13	2.61	3.96	5.33	6.30	5.67	2.63	2.16
102	3.04	2.37	2.29	2.82	4.16	5.54	6.53	6.00	2.87	2.16
103	3.26	2.52	2.47	3.05	4.29	5.67	6.72	6.29	2.90	2.32
104	3.46	2.86	2.71	3.36	4.35	5.82	6.93	6.50	3.21	2.52
105	3.64	3.09	2.97	3.70	4.45	6.03	7.13	6.73	3.62	2.78
106	3.80	3.25	3.25	3.98	4.61	6.31	7.34	6.86	3.94	2.89
107	3.90	3.41	3.57	4.06	4.81	6.63	7.53	7.10	4.24	2.97
108	3.98	3.56	3.75	4.19	5.00	6.89	7.76	7.33	4.51	3.20
109	4.06	3.66	3.93	4.22	5.21	7.12	7.83	7.57	4.62	3.25
110	4.08	3.77	4.08	4.32	5.44	7.27	7.90	7.82	4.59	3.49
111	4.21	3.85	4.27	4.43	5.67	7.25	7.98	8.03	4.59	3.62
112	4.29	3.93	4.40	4.58	5.83	7.25	8.05	8.31	4.83	3.65
113	4.29	4.08	4.47	4.79	5.96	7.12	8.12	8.50	4.88	3.67
114	4.32	4.24	4.63	5.08	6.04	7.04	8.20	8.60	4.91	3.77
115	4.37	4.29	4.79	5.32	6.14	6.99	8.17	8.52	4.93	3.98
116	4.55	4.39	5.00	5.52	6.14	6.99	8.12	8.34	5.11	4.04
117	4.52	4.47	5.13	5.68	6.03	6.94	8.09	8.24	5.44	4.14
118	4.52	4.70	5.26	5.83	5.91	6.94	7.83	8.13	5.53	4.24
119	4.45	4.89	5.39	5.96	5.77	6.75	7.67	8.00	5.56	4.30
120	4.45	5.17	5.52	5.97	5.64	6.68	7.34	7.82	5.69	4.30
121	4.34	5.17	5.75	5.99	5.54	6.63	7.21	7.71	5.64	4.37
122	4.37	5.04	5.85	6.00	5.49	6.57	7.20	7.48	5.43	4.46
123	4.34	5.04	5.96	6.01	5.46	6.55	7.20	7.48	5.35	4.54
124	4.40	5.07	6.06	6.03	5.46	6.52	7.20	7.46	5.30	4.62
125	4.53	5.22	6.11	6.04	5.49	6.52	7.19	7.48	5.30	4.71
126	4.73	5.33	6.12	6.05	5.54	6.54	7.19	7.40	5.35	4.79
127	4.97	5.38	6.13	6.04	5.65	6.29	7.18	7.29	5.32	4.92
128	5.02	5.38	6.14	6.02	5.68	6.16	7.18	6.96	5.40	4.90
129	5.08	5.40	6.15	6.01	5.78	6.16	7.08	6.81	5.63	4.92
130	5.14	5.38	6.16	6.00	5.88	6.10	6.94	6.49	5.69	4.82
131	5.19	5.24	6.11	5.98	5.93	6.00	6.65	6.18	5.71	4.61
132	5.25	5.01	5.84	5.83	6.01	5.71	6.32	6.08	5.74	4.35
133	5.07	4.91	5.77	5.70	6.01	5.53	6.06	6.05	5.72	4.10
134	4.94	4.93	5.70	5.67	6.02	5.32	5.80	6.02	5.64	3.88
135	4.93	4.86	5.63	5.67	6.02	5.20	5.72	5.99	5.35	3.80
136	4.91	4.88	5.56	5.67	6.02	5.20	5.65	5.96	5.20	3.81
137	4.89	4.94	5.56	5.67	6.03	5.22	5.57	5.93	5.12	3.82
138	4.88	5.04	5.56	5.67	6.03	5.22	5.55	5.90	5.06	3.83
139	4.86	5.06	5.56	5.67	6.03	5.25	5.53	5.88	4.99	3.83
140	4.86	5.08	5.56	5.67	6.04	5.33	5.52	5.85	4.96	3.84
141	4.89	5.10	5.56	5.67	6.04	5.35	5.50	5.82	4.93	3.85
142	4.81	5.11	5.49	5.67	6.04	5.38	5.48	5.74	4.83	3.86
143	4.68	5.13	5.44	5.66	6.04	5.43	5.46	5.71	4.72	3.87
144	4.69	5.15	5.41	5.66	6.05	5.46	5.46	5.66	4.49	3.87
145	4.69	5.17	5.43	5.65	6.05	5.56	5.46	5.61	4.13	3.88
146	4.69	5.18	5.41	5.65	6.05	5.69	5.45	5.45	3.69	3.98
147	4.70	5.20	5.41	5.64	6.06	5.80	5.45	5.41	3.25	4.01

IES ROAD REPORT
PHOTOMETRIC FILENAME : AFL MD F UV 840.IES

CANDELA TABULATION - (Cont.)

148	4.70	5.22	5.36	5.64	6.06	5.87	5.44	5.37	2.93	4.04
149	4.71	5.19	5.33	5.64	6.06	5.89	5.44	5.33	2.77	4.01
150	4.73	5.17	5.28	5.64	6.04	5.91	5.44	5.28	2.74	4.01
151	4.79	5.14	5.31	5.63	6.01	5.94	5.39	5.24	2.82	4.06
152	4.86	5.12	5.30	5.63	5.91	5.96	5.36	5.24	2.97	4.04
153	4.84	5.11	5.28	5.63	5.90	5.98	5.31	5.23	3.33	3.96
154	4.89	5.11	5.23	5.63	5.89	6.05	5.30	5.23	3.59	3.86
155	4.97	5.11	5.20	5.63	5.89	6.05	5.29	5.23	3.76	3.75
156	5.05	5.10	5.21	5.62	5.88	6.05	5.28	5.22	3.94	3.78
157	5.12	5.10	5.21	5.62	5.88	6.05	5.27	5.22	4.02	3.77
158	5.23	5.09	5.22	5.63	5.87	6.05	5.28	5.22	4.07	3.76
159	5.36	5.09	5.22	5.64	5.87	6.04	5.29	5.21	4.10	3.76
160	5.44	5.09	5.23	5.65	5.86	6.04	5.31	5.21	4.10	3.75
161	5.54	5.14	5.26	5.66	5.85	6.04	5.32	5.21	4.15	3.74
162	5.64	5.20	5.36	5.68	5.83	6.04	5.33	5.20	4.17	3.74
163	5.72	5.25	5.49	5.69	5.80	6.04	5.36	5.20	4.20	3.73
164	5.73	5.26	5.56	5.70	5.78	6.03	5.47	5.20	4.41	3.72
165	5.74	5.27	5.54	5.65	5.77	6.03	5.49	5.20	4.54	4.00
166	5.75	5.29	5.54	5.64	5.72	6.03	5.52	5.20	4.88	4.21
167	5.77	5.30	5.56	5.63	5.70	6.03	5.54	5.20	4.88	4.42
168	5.78	5.31	5.55	5.62	5.62	5.97	5.55	5.20	4.91	4.61
169	5.79	5.32	5.54	5.61	5.49	5.92	5.56	5.20	5.08	4.89
170	5.80	5.33	5.53	5.60	5.46	5.86	5.57	5.21	5.27	5.17
171	5.75	5.34	5.51	5.59	5.46	5.80	5.58	5.22	5.35	5.34
172	5.75	5.36	5.50	5.46	5.49	5.75	5.59	5.23	5.40	5.44
173	5.72	5.37	5.49	5.44	5.52	5.69	5.60	5.24	5.38	5.57
174	5.72	5.38	5.47	5.44	5.54	5.64	5.61	5.25	5.45	5.67
175	5.75	5.39	5.46	5.36	5.59	5.61	5.62	5.22	5.56	5.81
176	5.72	5.40	5.38	5.31	5.56	5.58	5.57	5.17	5.56	5.83
177	5.72	5.35	5.36	5.28	5.44	5.46	5.57	5.01	5.51	5.89
178	5.61	5.25	5.25	5.12	5.33	5.40	5.44	4.91	5.30	5.89
179	5.38	5.17	4.99	4.89	5.05	5.33	5.39	4.88	5.11	5.91
180	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94	4.94

Vert. Angles **Horizontal Angles**

	<u>300</u>	<u>315</u>	<u>330</u>	<u>345</u>	<u>360</u>
0	3667.17	3667.17	3667.17	3667.17	3667.17
1	3688.07	3698.55	3705.84	3711.79	3715.17
2	3710.98	3732.29	3746.16	3756.72	3762.67
3	3734.45	3764.69	3787.67	3803.06	3810.61
4	3759.94	3800.06	3828.52	3849.37	3858.26
5	3786.13	3835.47	3871.72	3895.58	3906.54
6	3814.88	3870.63	3912.02	3940.84	3952.61
7	3839.56	3904.74	3953.39	3986.24	3998.04
8	3866.80	3939.01	3993.65	4030.75	4044.68
9	3894.51	3971.69	4034.24	4075.56	4090.77
10	3921.18	4004.91	4075.65	4121.92	4138.78
11	3947.25	4040.39	4119.33	4169.43	4187.22
12	3974.73	4077.43	4163.44	4218.25	4236.12
13	4004.09	4114.81	4207.89	4268.41	4286.39
14	4034.36	4153.83	4254.63	4320.73	4336.77
15	4069.07	4196.71	4303.57	4374.08	4389.13
16	4103.73	4239.01	4353.50	4426.70	4442.36
17	4143.47	4283.34	4404.62	4477.92	4496.92
18	4183.36	4327.71	4455.29	4528.96	4550.33

IES ROAD REPORT
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CANDELA TABULATION - (Cont.)

19	4223.55	4372.39	4505.11	4581.01	4603.60
20	4265.16	4420.42	4556.21	4630.65	4658.16
21	4308.53	4469.07	4606.01	4680.73	4711.60
22	4353.50	4517.73	4653.80	4730.48	4765.54
23	4400.54	4564.29	4699.63	4779.52	4818.56
24	4445.52	4609.76	4743.88	4829.46	4870.40
25	4489.88	4652.26	4787.22	4877.19	4921.52
26	4531.61	4692.13	4828.20	4923.32	4969.61
27	4573.60	4730.41	4867.62	4965.70	5017.23
28	4615.70	4767.34	4904.12	5004.07	5059.27
29	4656.54	4804.01	4937.77	5041.10	5097.41
30	4695.53	4837.02	4969.24	5074.13	5130.38
31	4733.24	4867.68	4999.26	5103.16	5160.02
32	4769.84	4897.94	5026.01	5127.26	5185.46
33	4806.05	4925.79	5052.79	5148.02	5207.68
34	4841.69	4952.36	5077.09	5163.56	5226.26
35	4873.82	4977.80	5099.25	5174.84	5238.69
36	4905.66	5005.11	5119.87	5182.53	5243.84
37	4936.96	5029.12	5136.40	5187.02	5245.27
38	4967.60	5051.90	5146.30	5186.91	5241.38
39	4998.34	5069.62	5150.31	5180.94	5233.30
40	5029.98	5086.21	5148.68	5167.51	5216.70
41	5060.70	5099.01	5139.72	5145.37	5192.99
42	5087.18	5105.01	5126.09	5117.43	5159.77
43	5109.90	5105.58	5106.88	5082.19	5121.49
44	5133.94	5102.25	5082.07	5041.20	5079.50
45	5153.55	5096.31	5051.02	4996.48	5034.63
46	5172.33	5090.53	5015.38	4946.97	4983.03
47	5194.71	5079.98	4976.70	4891.75	4921.83
48	5212.56	5068.67	4932.57	4832.06	4854.10
49	5235.36	5054.53	4885.12	4764.82	4781.81
50	5257.67	5038.14	4829.92	4693.96	4708.77
51	5277.97	5017.15	4774.88	4622.48	4631.24
52	5296.94	4992.59	4715.46	4546.82	4546.42
53	5313.31	4964.78	4648.39	4460.67	4451.90
54	5330.93	4930.82	4578.26	4368.34	4353.28
55	5350.63	4896.07	4506.91	4271.86	4248.59
56	5372.26	4857.37	4430.44	4169.55	4133.95
57	5396.95	4816.26	4349.43	4063.51	4012.92
58	5421.80	4772.31	4264.07	3950.93	3888.99
59	5446.80	4722.69	4168.91	3831.59	3758.13
60	5467.39	4670.58	4066.40	3706.87	3620.66
61	5493.03	4619.15	3958.79	3573.41	3483.44
62	5520.07	4566.18	3848.13	3436.19	3344.98
63	5542.22	4514.04	3737.24	3299.13	3205.25
64	5566.57	4467.27	3619.21	3165.45	3066.26
65	5582.14	4425.94	3501.41	3030.07	2936.29
66	5585.44	4392.07	3384.40	2909.23	2830.43
67	5580.92	4376.63	3274.59	2821.47	2760.68
68	5552.78	4375.07	3185.13	2777.76	2737.51
69	5479.87	4386.59	3131.18	2795.86	2766.53
70	5343.00	4399.00	3134.14	2858.91	2777.40
71	5123.33	4400.98	3208.15	2864.09	2619.08
72	4790.71	4389.13	3331.18	2633.03	2063.99
73	4322.88	4335.50	3383.88	1992.90	1248.19
74	3729.20	4239.05	3202.14	1216.88	923.52

IES ROAD REPORT
PHOTOMETRIC FILENAME : AFL MD F UV 840.IES

CANDELA TABULATION - (Cont.)

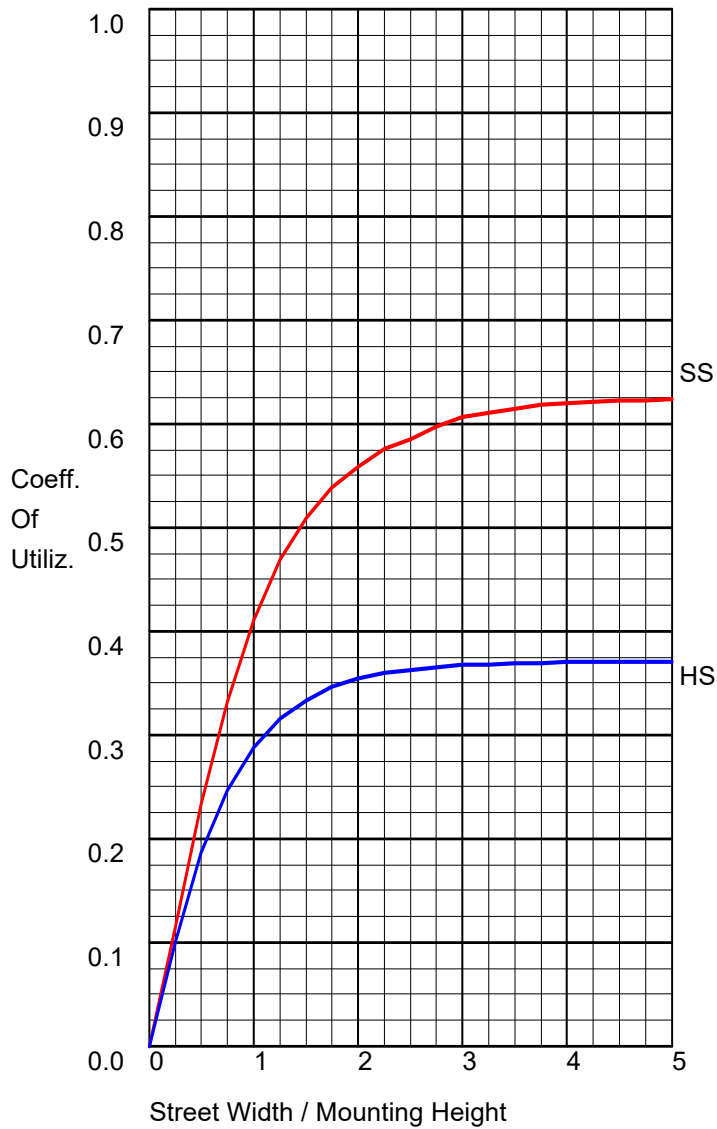
75	3033.34	4105.82	2654.43	902.31	600.90
76	2306.58	3894.04	1837.01	590.83	278.28
77	2000.83	3531.97	1124.12	279.36	220.55
78	2406.32	2945.36	843.08	222.56	188.24
79	2569.56	2178.91	574.42	186.08	161.45
80	2260.56	1467.09	305.77	155.33	137.00
81	1779.80	995.85	226.06	128.91	114.41
82	1442.97	781.23	169.89	105.34	92.52
83	1234.11	573.56	129.95	82.21	71.90
84	1050.93	365.89	93.90	61.41	52.70
85	794.05	249.40	62.93	40.85	34.48
86	592.09	157.18	37.31	21.86	18.01
87	390.67	77.43	15.50	7.03	5.61
88	152.11	16.74	3.50	1.92	1.54
89	10.47	3.97	2.14	1.06	0.80
90	4.03	3.18	1.78	0.81	0.60
91	3.42	2.72	1.42	0.60	0.45
92	2.93	2.31	1.14	0.45	0.32
93	2.58	1.95	0.91	0.34	0.21
94	2.25	1.66	0.73	0.26	0.16
95	2.00	1.40	0.60	0.18	0.10
96	1.80	1.19	0.50	0.16	0.08
97	1.64	1.04	0.42	0.13	0.05
98	1.54	0.91	0.36	0.13	0.05
99	1.51	0.85	0.36	0.14	0.05
100	1.48	0.85	0.37	0.15	0.05
101	1.48	0.85	0.38	0.16	0.05
102	1.51	0.84	0.39	0.17	0.05
103	1.48	0.84	0.40	0.19	0.05
104	1.53	0.84	0.41	0.20	0.08
105	1.56	0.83	0.42	0.21	0.05
106	1.61	0.83	0.43	0.28	0.18
107	1.72	0.83	0.44	0.31	0.23
108	1.90	1.06	0.54	0.36	0.31
109	1.98	1.11	0.62	0.39	0.29
110	2.11	1.14	0.68	0.47	0.39
111	2.31	1.16	0.68	0.60	0.44
112	2.37	1.26	0.75	0.67	0.60
113	2.49	1.40	0.93	0.73	0.70
114	2.78	1.45	1.06	0.75	0.73
115	2.78	1.45	1.09	0.99	0.78
116	2.94	1.47	1.12	1.06	0.93
117	3.12	1.50	1.13	1.12	1.01
118	3.09	1.53	1.14	1.12	1.14
119	3.07	1.58	1.14	1.17	1.12
120	3.04	1.63	1.15	1.22	1.19
121	3.02	1.86	1.16	1.27	1.22
122	2.99	1.94	1.17	1.32	1.27
123	2.97	1.94	1.20	1.38	1.30
124	2.99	1.97	1.25	1.40	1.38
125	3.14	1.97	1.30	1.38	1.48
126	3.17	1.98	1.43	1.38	1.56
127	3.35	1.98	1.53	1.40	1.56
128	3.61	1.99	1.66	1.50	1.64
129	3.67	1.99	1.82	1.53	1.72
130	3.69	2.00	1.90	1.63	1.87

IES ROAD REPORT
PHOTOMETRIC FILENAME : AFL MD F UV 840.IES

CANDELA TABULATION - (Cont.)

131	3.59	2.00	1.90	1.82	1.92
132	3.54	2.01	1.95	1.87	1.92
133	3.43	2.01	2.03	1.91	1.98
134	3.31	2.02	2.00	1.95	2.03
135	3.32	1.99	2.00	1.99	2.11
136	3.33	2.00	2.03	2.04	2.21
137	3.34	2.00	2.16	2.08	2.26
138	3.34	2.01	2.26	2.16	2.28
139	3.35	2.01	2.37	2.26	2.29
140	3.41	2.02	2.37	2.36	2.30
141	3.46	2.28	2.39	2.34	2.31
142	3.51	2.38	2.37	2.36	2.33
143	3.56	2.64	2.37	2.34	2.34
144	3.61	2.79	2.44	2.41	2.35
145	3.64	2.87	2.47	2.47	2.37
146	3.72	3.13	2.68	2.64	2.39
147	3.77	3.16	2.70	2.70	2.42
148	3.92	3.26	2.70	2.78	2.44
149	3.91	3.31	2.73	2.78	2.57
150	3.90	3.31	2.76	2.86	2.73
151	3.89	3.30	2.78	2.91	2.75
152	3.87	3.30	2.81	2.99	2.77
153	3.86	3.29	2.83	3.14	2.79
154	3.85	3.29	2.83	3.12	2.80
155	3.75	3.29	2.86	3.19	2.82
156	3.74	3.30	2.89	3.20	2.84
157	3.73	3.31	2.96	3.22	2.86
158	3.72	3.32	3.04	3.22	2.96
159	3.72	3.33	3.17	3.30	3.17
160	3.71	3.34	3.20	3.53	3.17
161	3.70	3.57	3.22	3.53	3.20
162	3.69	3.60	3.33	3.64	3.25
163	3.87	3.57	3.48	3.64	3.33
164	4.00	3.73	3.54	3.71	3.46
165	4.08	3.98	3.61	3.79	3.59
166	4.42	4.37	3.77	3.95	3.67
167	4.76	4.70	4.00	4.10	3.80
168	4.86	4.84	4.29	4.31	3.97
169	5.07	5.04	4.47	4.49	4.16
170	5.30	5.17	4.58	4.72	4.39
171	5.31	5.22	4.73	4.86	4.47
172	5.36	5.25	4.86	4.86	4.50
173	5.41	5.30	4.86	4.88	4.58
174	5.51	5.28	4.89	4.93	4.73
175	5.64	5.28	4.89	5.04	4.86
176	5.64	5.30	4.94	5.06	4.86
177	5.75	5.30	5.04	5.12	4.89
178	5.75	5.38	5.20	5.17	4.89
179	5.75	5.38	5.18	5.19	4.92
180	4.94	4.94	4.94	4.94	4.94

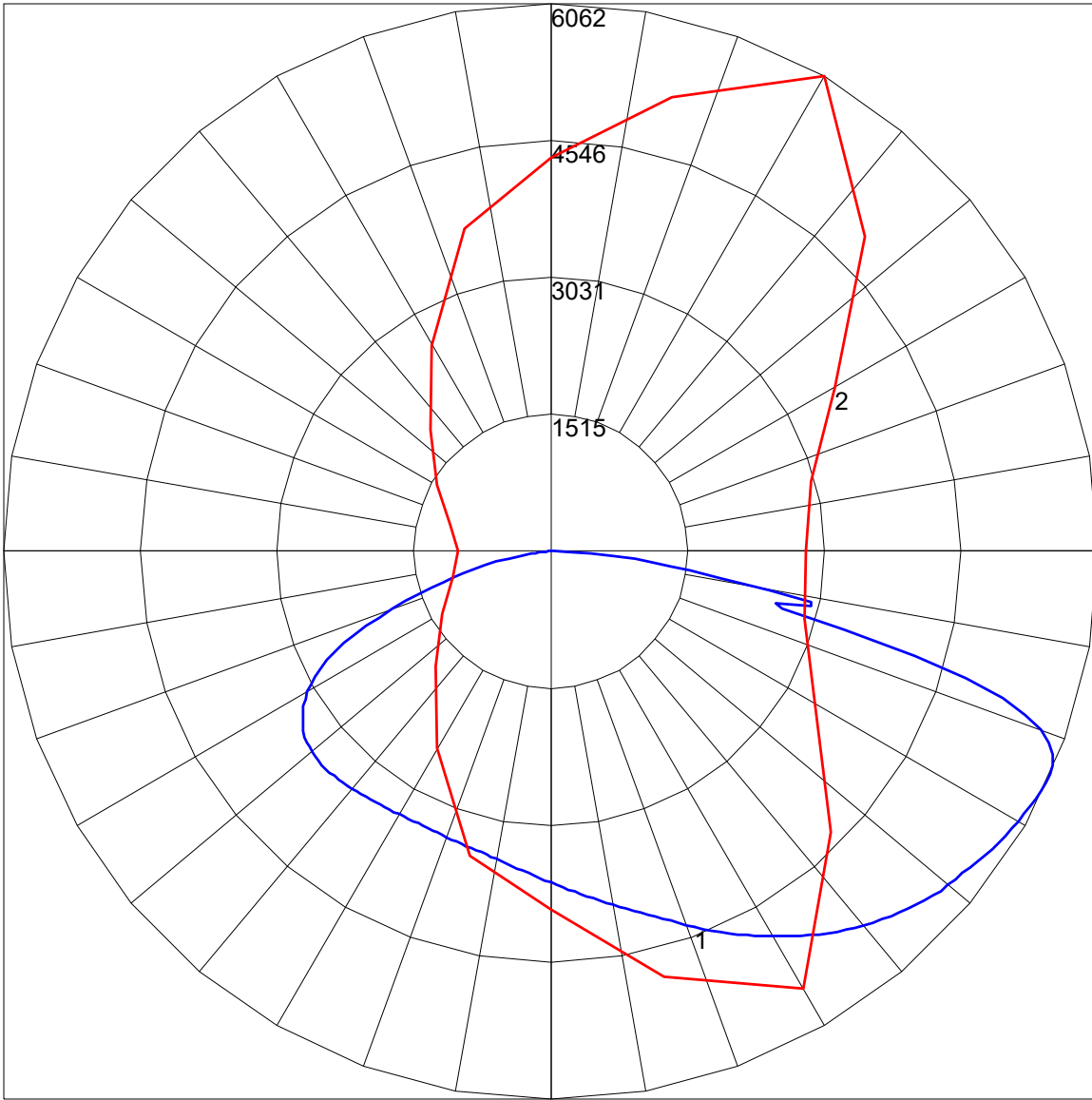
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

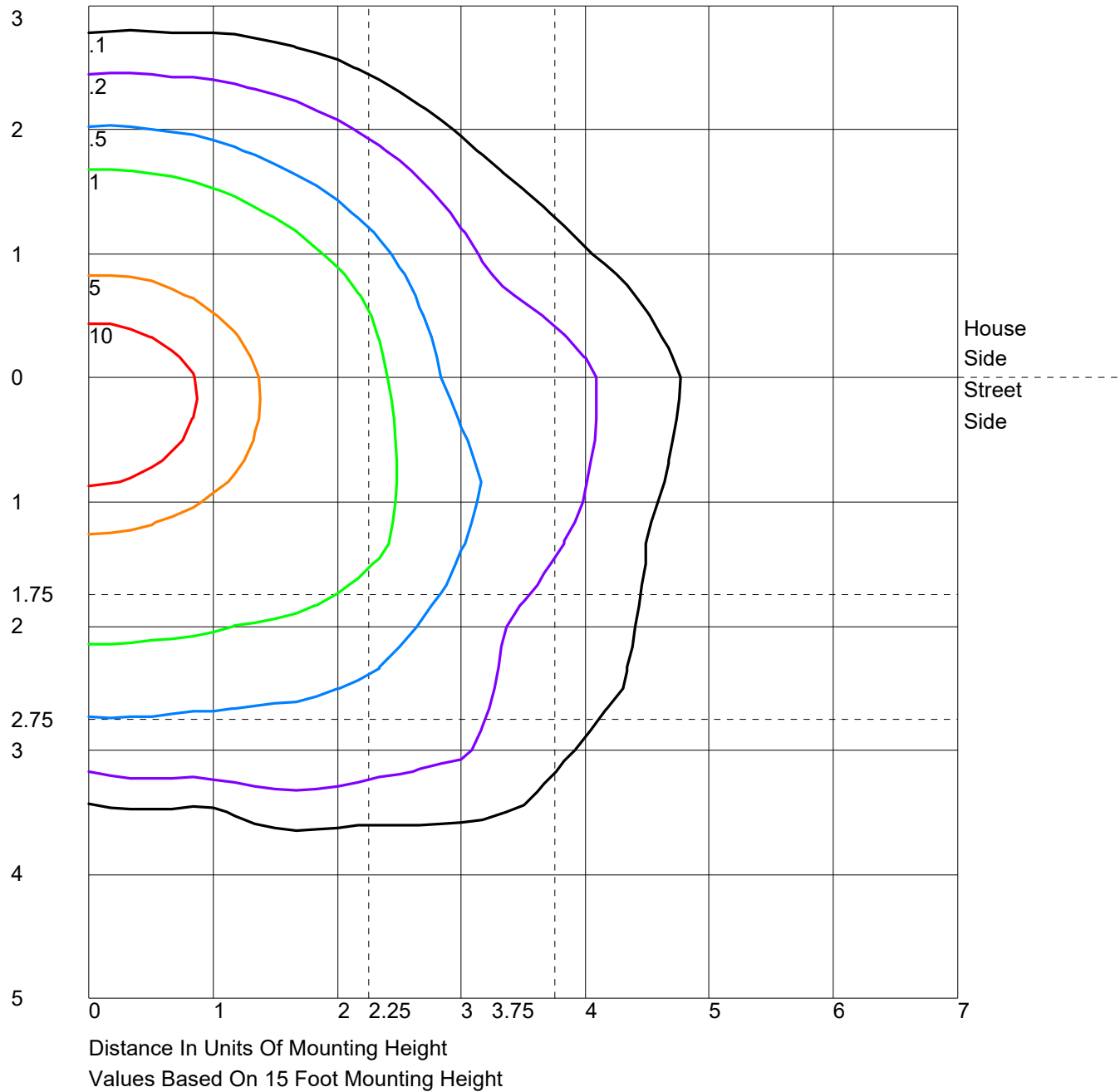
	Lumens	Percent Of Luminaire
Downward Street Side	11495.8	62.7
Downward House Side	6825.9	37.2
Downward Total	18321.7	99.9
Upward Street Side	7.3	0.0
Upward House Side	16.2	0.1
Upward Total	23.5	0.1
Total Flux	18345.2	100.0

POLAR GRAPH

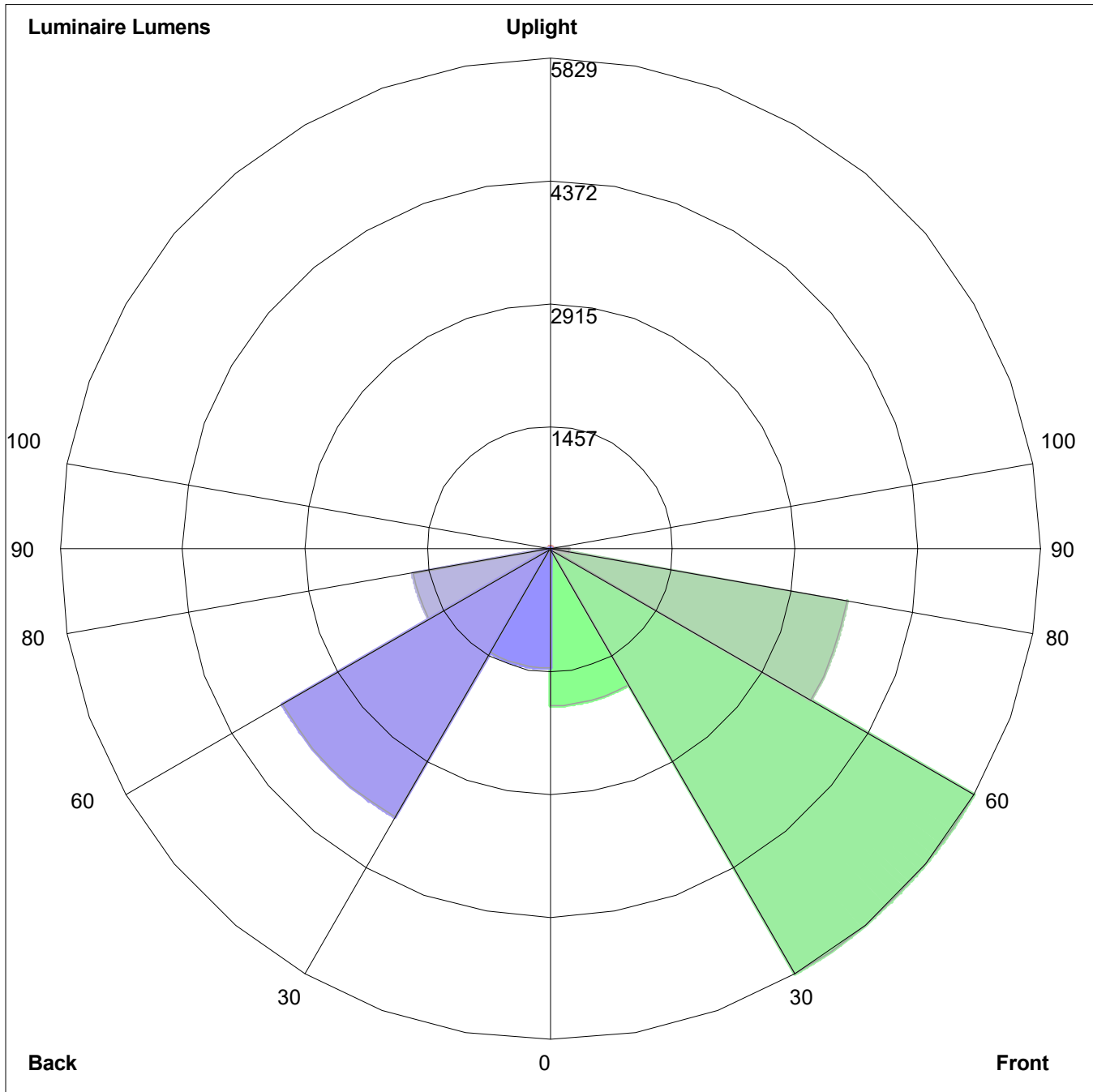


Maximum Candela = 6061.78 Located At Horizontal Angle = 60, Vertical Angle = 66
1 - Vertical Plane Through Horizontal Angles (60 - 240) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (66) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
 Front: Low=1860.8, Medium=5829.3, High=3582.6, Very High=223.1
 Back: Low=1416.7, Medium=3680.5, High=1654.8, Very High=73.9
 Uplight: Low=2.4, High=21.1

BUG Rating : B3-U2-G3