



the evolution of illumination

IES ROAD REPORT

PHOTOMETRIC FILENAME : OM-100-3K-SCALED.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 14201909.01
[TESTLAB] UL LLC
[ISSUEDATE] 2/11/2022
[MANUFAC] Express Imaging Systems LLC dba Evluma
[LUMCAT] OMNI-100-3k (Scaled from 5000k)
[LUMINAIRE] Circular plastic house and diffuse lens
[LAMP] Omnimax, 100W,3000K CCT
[BALLAST] Internal

CHARACTERISTICS

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	11232
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	112
Total Luminaire Watts	100
Ballast Factor	1.00
Upward Waste Light Ratio	0.51
Maximum Candela	1176.026
Maximum Candela Angle	360H 97.5V
Maximum Candela (<90 Degrees Vertical)	1161.469
Maximum Candela Angle (<90 Degrees Vertical)	360H 87.5V
Maximum Candela At 90 Degrees Vertical	1166.797 (10.4% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1161.469 (10.3% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)



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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	128.0	N.A.	1.1
FM - Front-Medium (30-60)	882.4	N.A.	7.9
FH - Front-High (60-80)	1108.2	N.A.	9.9
FVH - Front-Very High (80-90)	631.1	N.A.	5.6
BL - Back-Low (0-30)	128.0	N.A.	1.1
BM - Back-Medium (30-60)	882.4	N.A.	7.9
BH - Back-High (60-80)	1108.2	N.A.	9.9
BVH - Back-Very High (80-90)	631.1	N.A.	5.6
UL - Uplight-Low (90-100)	1280.0	N.A.	11.4
UH - Uplight-High (100-180)	4452.8	N.A.	39.6
Total	11232.2	N.A.	100.0
BUG Rating	B3-U5-G4		

CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	0.0	5.0	15.0	25.0	35.0	45.0	55.0	60.0	62.5	65.0
0.0	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544
2.5	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143
5.0	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875
7.5	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030
10.0	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137
12.5	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005
15.0	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014
17.5	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022
20.0	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122
22.5	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648
25.0	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361
27.5	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741
30.0	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170
32.5	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742
35.0	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553
37.5	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649
40.0	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460
42.5	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556
45.0	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701
47.5	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514
50.0	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805
52.5	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954
55.0	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295
57.5	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783
60.0	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130
62.5	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814
65.0	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214
67.5	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521
70.0	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260
72.5	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954
75.0	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318
77.5	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162
80.0	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152
82.5	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336
85.0	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378
87.5	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469
90.0	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797
92.5	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744
95.0	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074
97.5	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026
100.0	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981
102.5	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512
105.0	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666
107.5	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919
110.0	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652
112.5	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626
115.0	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365
117.5	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346
120.0	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423
122.5	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646
125.0	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301
127.5	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291
130.0	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-100-3K-SCALED.IES

CANDELA TABULATION - (Cont.)

132.5	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374
135.0	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893
137.5	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936
140.0	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884
142.5	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452
145.0	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019
147.5	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111
150.0	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013
152.5	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629
155.0	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198
157.5	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485
160.0	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635
162.5	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839
165.0	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512
167.5	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798
170.0	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505
172.5	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785
175.0	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566
177.5	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370
180.0	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275

Vert. Angles **Horizontal Angles**

	67.5	70.0	72.5	75.0	77.5	80.0	82.5	85.0	87.5	90.0
0.0	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544
2.5	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143
5.0	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875
7.5	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030
10.0	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137
12.5	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005
15.0	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014
17.5	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022
20.0	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122
22.5	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648
25.0	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361
27.5	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741
30.0	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170
32.5	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742
35.0	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553
37.5	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649
40.0	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460
42.5	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556
45.0	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701
47.5	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514
50.0	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805
52.5	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954
55.0	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295
57.5	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783
60.0	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130
62.5	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814
65.0	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214
67.5	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521
70.0	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260
72.5	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954
75.0	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318
77.5	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-100-3K-SCALED.IES

CANDELA TABULATION - (Cont.)

80.0	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152
82.5	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336
85.0	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378
87.5	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469
90.0	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797
92.5	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744
95.0	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074
97.5	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026
100.0	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981
102.5	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512
105.0	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666
107.5	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919
110.0	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652
112.5	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626
115.0	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365
117.5	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346
120.0	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423
122.5	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646
125.0	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301
127.5	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291
130.0	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903
132.5	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374
135.0	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893
137.5	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936
140.0	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884
142.5	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452
145.0	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019
147.5	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111
150.0	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013
152.5	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629
155.0	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198
157.5	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485
160.0	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635
162.5	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839
165.0	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512
167.5	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798
170.0	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505
172.5	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785
175.0	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566
177.5	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370
180.0	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275

Vert. Angles **Horizontal Angles**

	<u>92.5</u>	<u>95.0</u>	<u>97.5</u>	<u>100.0</u>	<u>102.5</u>	<u>105.0</u>	<u>107.5</u>	<u>110.0</u>	<u>112.5</u>	<u>115.0</u>
0.0	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544
2.5	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143
5.0	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875
7.5	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030
10.0	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137
12.5	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005
15.0	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014
17.5	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022
20.0	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122
22.5	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648
25.0	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-100-3K-SCALED.IES

CANDELA TABULATION - (Cont.)

27.5	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741
30.0	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170
32.5	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742
35.0	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553
37.5	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649
40.0	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460
42.5	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556
45.0	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701
47.5	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514
50.0	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805
52.5	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954
55.0	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295
57.5	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783
60.0	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130
62.5	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814
65.0	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214
67.5	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521
70.0	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260
72.5	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954
75.0	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318
77.5	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162
80.0	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152
82.5	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336
85.0	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378
87.5	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469
90.0	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797
92.5	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744
95.0	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074
97.5	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026
100.0	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981
102.5	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512
105.0	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666
107.5	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919
110.0	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652
112.5	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626
115.0	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365
117.5	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346
120.0	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423
122.5	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646
125.0	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301
127.5	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291
130.0	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903
132.5	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374
135.0	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893
137.5	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936
140.0	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884
142.5	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452
145.0	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019
147.5	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111
150.0	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013
152.5	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629
155.0	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198
157.5	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485
160.0	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635
162.5	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839
165.0	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-100-3K-SCALED.IES

CANDELA TABULATION - (Cont.)

167.5	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798
170.0	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505
172.5	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785
175.0	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566
177.5	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370
180.0	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275

Vert. Horizontal Angles
Angles

	117.5	120.0	125.0	135.0	145.0	155.0	165.0	175.0	180.0	185.0
0.0	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544
2.5	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143
5.0	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875
7.5	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030
10.0	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137
12.5	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005
15.0	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014
17.5	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022
20.0	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122
22.5	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648
25.0	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361
27.5	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741
30.0	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170
32.5	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742
35.0	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553
37.5	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649
40.0	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460
42.5	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556
45.0	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701
47.5	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514
50.0	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805
52.5	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954
55.0	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295
57.5	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783
60.0	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130
62.5	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814
65.0	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214
67.5	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521
70.0	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260
72.5	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954
75.0	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318
77.5	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162
80.0	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152
82.5	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336
85.0	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378
87.5	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469
90.0	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797
92.5	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744
95.0	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074
97.5	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026
100.0	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981
102.5	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512
105.0	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666
107.5	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919
110.0	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652
112.5	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-100-3K-SCALED.IES

CANDELA TABULATION - (Cont.)

115.0	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365
117.5	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346
120.0	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423
122.5	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646
125.0	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301
127.5	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291
130.0	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903
132.5	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374
135.0	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893
137.5	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936
140.0	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884
142.5	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452
145.0	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019
147.5	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111
150.0	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013
152.5	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629
155.0	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198
157.5	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485
160.0	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635
162.5	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839
165.0	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512
167.5	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798
170.0	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505
172.5	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785
175.0	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566
177.5	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370
180.0	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275

Vert. Horizontal Angles

	<u>195.0</u>	<u>205.0</u>	<u>215.0</u>	<u>225.0</u>	<u>235.0</u>	<u>240.0</u>	<u>242.5</u>	<u>245.0</u>	<u>247.5</u>	<u>250.0</u>
0.0	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544
2.5	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143
5.0	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875
7.5	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030
10.0	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137
12.5	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005
15.0	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014
17.5	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022
20.0	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122
22.5	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648
25.0	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361
27.5	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741
30.0	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170
32.5	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742
35.0	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553
37.5	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649
40.0	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460
42.5	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556
45.0	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701
47.5	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514
50.0	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805
52.5	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954
55.0	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295
57.5	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783
60.0	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-100-3K-SCALED.IES

CANDELA TABULATION - (Cont.)

62.5	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814
65.0	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214
67.5	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521
70.0	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260
72.5	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954
75.0	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318
77.5	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162
80.0	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152
82.5	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336
85.0	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378
87.5	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469
90.0	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797
92.5	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744
95.0	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074
97.5	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026
100.0	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981
102.5	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512
105.0	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666
107.5	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919
110.0	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652
112.5	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626
115.0	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365
117.5	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346
120.0	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423
122.5	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646
125.0	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301
127.5	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291
130.0	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903
132.5	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374
135.0	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893
137.5	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936
140.0	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884
142.5	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452
145.0	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019
147.5	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111
150.0	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013
152.5	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629
155.0	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198
157.5	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485
160.0	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635
162.5	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839
165.0	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512
167.5	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798
170.0	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505
172.5	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785
175.0	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566
177.5	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370
180.0	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275

Vert. Horizontal Angles

	<u>252.5</u>	<u>255.0</u>	<u>257.5</u>	<u>260.0</u>	<u>262.5</u>	<u>265.0</u>	<u>267.5</u>	<u>270.0</u>	<u>272.5</u>	<u>275.0</u>
0.0	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544
2.5	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143
5.0	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875
7.5	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-100-3K-SCALED.IES

CANDELA TABULATION - (Cont.)

10.0	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137
12.5	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005
15.0	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014
17.5	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022
20.0	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122
22.5	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648
25.0	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361
27.5	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741
30.0	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170
32.5	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742
35.0	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553
37.5	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649
40.0	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460
42.5	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556
45.0	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701
47.5	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514
50.0	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805
52.5	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954
55.0	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295
57.5	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783
60.0	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130
62.5	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814
65.0	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214
67.5	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521
70.0	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260
72.5	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954
75.0	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318
77.5	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162
80.0	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152
82.5	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336
85.0	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378
87.5	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469
90.0	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797
92.5	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744
95.0	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074
97.5	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026
100.0	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981
102.5	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512
105.0	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666
107.5	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919
110.0	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652
112.5	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626
115.0	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365
117.5	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346
120.0	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423
122.5	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646
125.0	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301
127.5	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291
130.0	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903
132.5	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374
135.0	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893
137.5	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936
140.0	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884
142.5	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452
145.0	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019
147.5	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-100-3K-SCALED.IES

CANDELA TABULATION - (Cont.)

150.0	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013
152.5	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629
155.0	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198
157.5	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485
160.0	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635
162.5	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839
165.0	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512
167.5	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798
170.0	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505
172.5	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785
175.0	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566
177.5	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370
180.0	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275

Vert. Horizontal Angles
Angles

	<u>277.5</u>	<u>280.0</u>	<u>282.5</u>	<u>285.0</u>	<u>287.5</u>	<u>290.0</u>	<u>292.5</u>	<u>295.0</u>	<u>297.5</u>	<u>300.0</u>
0.0	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544	26.544
2.5	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143	46.143
5.0	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875	74.875
7.5	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030	109.030
10.0	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137	144.137
12.5	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005	180.005
15.0	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014	217.014
17.5	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022	256.022
20.0	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122	297.122
22.5	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648	341.648
25.0	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361	388.361
27.5	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741	435.741
30.0	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170	482.170
32.5	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742	527.742
35.0	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553	572.553
37.5	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649	617.649
40.0	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460	662.460
42.5	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556	707.556
45.0	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701	751.701
47.5	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514	794.514
50.0	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805	835.805
52.5	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954	875.954
55.0	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295	914.295
57.5	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783	949.783
60.0	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130	982.130
62.5	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814
65.0	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214
67.5	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521
70.0	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260
72.5	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954
75.0	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318
77.5	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162
80.0	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152
82.5	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336
85.0	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378
87.5	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469
90.0	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797
92.5	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744
95.0	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-100-3K-SCALED.IES

CANDELA TABULATION - (Cont.)

97.5	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026
100.0	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981
102.5	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512
105.0	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666
107.5	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919
110.0	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652
112.5	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626
115.0	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365
117.5	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346
120.0	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423
122.5	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646	989.646
125.0	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301	955.301
127.5	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291	918.291
130.0	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903	878.903
132.5	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374	838.374
135.0	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893	796.893
137.5	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936	754.936
140.0	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884	712.884
142.5	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452	670.452
145.0	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019	628.019
147.5	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111	585.111
150.0	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013	542.013
152.5	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629	498.629
155.0	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198	454.198
157.5	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485	407.485
160.0	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635	353.635
162.5	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839	294.839
165.0	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512	242.512
167.5	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798	195.798
170.0	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505	156.505
172.5	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785	115.785
175.0	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566	51.566
177.5	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370	10.370
180.0	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275	10.275

Vert. Angles **Horizontal Angles**

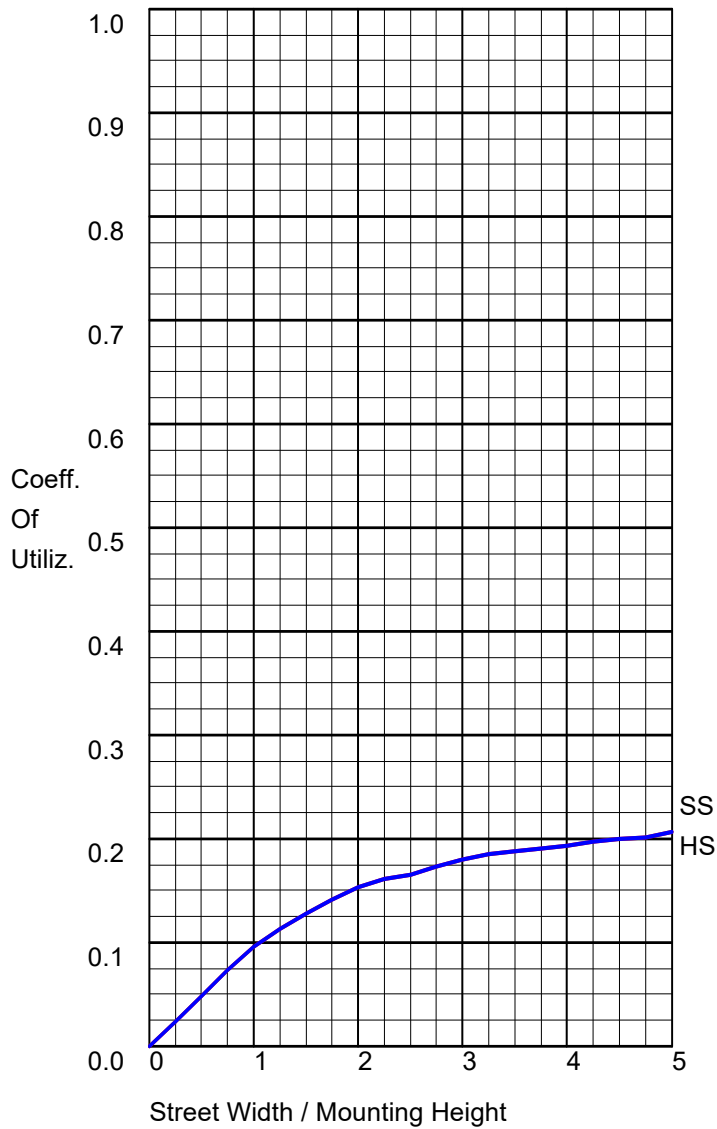
	<u>305.0</u>	<u>315.0</u>	<u>325.0</u>	<u>335.0</u>	<u>345.0</u>	<u>355.0</u>	<u>360.0</u>
0.0	26.544	26.544	26.544	26.544	26.544	26.544	26.544
2.5	46.143	46.143	46.143	46.143	46.143	46.143	46.143
5.0	74.875	74.875	74.875	74.875	74.875	74.875	74.875
7.5	109.030	109.030	109.030	109.030	109.030	109.030	109.030
10.0	144.137	144.137	144.137	144.137	144.137	144.137	144.137
12.5	180.005	180.005	180.005	180.005	180.005	180.005	180.005
15.0	217.014	217.014	217.014	217.014	217.014	217.014	217.014
17.5	256.022	256.022	256.022	256.022	256.022	256.022	256.022
20.0	297.122	297.122	297.122	297.122	297.122	297.122	297.122
22.5	341.648	341.648	341.648	341.648	341.648	341.648	341.648
25.0	388.361	388.361	388.361	388.361	388.361	388.361	388.361
27.5	435.741	435.741	435.741	435.741	435.741	435.741	435.741
30.0	482.170	482.170	482.170	482.170	482.170	482.170	482.170
32.5	527.742	527.742	527.742	527.742	527.742	527.742	527.742
35.0	572.553	572.553	572.553	572.553	572.553	572.553	572.553
37.5	617.649	617.649	617.649	617.649	617.649	617.649	617.649
40.0	662.460	662.460	662.460	662.460	662.460	662.460	662.460
42.5	707.556	707.556	707.556	707.556	707.556	707.556	707.556

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-100-3K-SCALED.IES

CANDELA TABULATION - (Cont.)

45.0	751.701	751.701	751.701	751.701	751.701	751.701	751.701
47.5	794.514	794.514	794.514	794.514	794.514	794.514	794.514
50.0	835.805	835.805	835.805	835.805	835.805	835.805	835.805
52.5	875.954	875.954	875.954	875.954	875.954	875.954	875.954
55.0	914.295	914.295	914.295	914.295	914.295	914.295	914.295
57.5	949.783	949.783	949.783	949.783	949.783	949.783	949.783
60.0	982.130	982.130	982.130	982.130	982.130	982.130	982.130
62.5	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814	1011.814
65.0	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214	1039.214
67.5	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521	1064.521
70.0	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260	1087.260
72.5	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954	1106.954
75.0	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318	1123.318
77.5	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162	1136.162
80.0	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152	1146.152
82.5	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336	1152.336
85.0	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378	1157.378
87.5	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469	1161.469
90.0	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797	1166.797
92.5	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744	1171.744
95.0	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074	1175.074
97.5	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026	1176.026
100.0	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981	1172.981
102.5	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512	1166.512
105.0	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666	1155.666
107.5	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919	1140.919
110.0	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652	1122.652
112.5	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626	1101.626
115.0	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365	1077.365
117.5	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346	1050.346
120.0	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423	1021.423
122.5	989.646	989.646	989.646	989.646	989.646	989.646	989.646
125.0	955.301	955.301	955.301	955.301	955.301	955.301	955.301
127.5	918.291	918.291	918.291	918.291	918.291	918.291	918.291
130.0	878.903	878.903	878.903	878.903	878.903	878.903	878.903
132.5	838.374	838.374	838.374	838.374	838.374	838.374	838.374
135.0	796.893	796.893	796.893	796.893	796.893	796.893	796.893
137.5	754.936	754.936	754.936	754.936	754.936	754.936	754.936
140.0	712.884	712.884	712.884	712.884	712.884	712.884	712.884
142.5	670.452	670.452	670.452	670.452	670.452	670.452	670.452
145.0	628.019	628.019	628.019	628.019	628.019	628.019	628.019
147.5	585.111	585.111	585.111	585.111	585.111	585.111	585.111
150.0	542.013	542.013	542.013	542.013	542.013	542.013	542.013
152.5	498.629	498.629	498.629	498.629	498.629	498.629	498.629
155.0	454.198	454.198	454.198	454.198	454.198	454.198	454.198
157.5	407.485	407.485	407.485	407.485	407.485	407.485	407.485
160.0	353.635	353.635	353.635	353.635	353.635	353.635	353.635
162.5	294.839	294.839	294.839	294.839	294.839	294.839	294.839
165.0	242.512	242.512	242.512	242.512	242.512	242.512	242.512
167.5	195.798	195.798	195.798	195.798	195.798	195.798	195.798
170.0	156.505	156.505	156.505	156.505	156.505	156.505	156.505
172.5	115.785	115.785	115.785	115.785	115.785	115.785	115.785
175.0	51.566	51.566	51.566	51.566	51.566	51.566	51.566
177.5	10.370	10.370	10.370	10.370	10.370	10.370	10.370
180.0	10.275	10.275	10.275	10.275	10.275	10.275	10.275

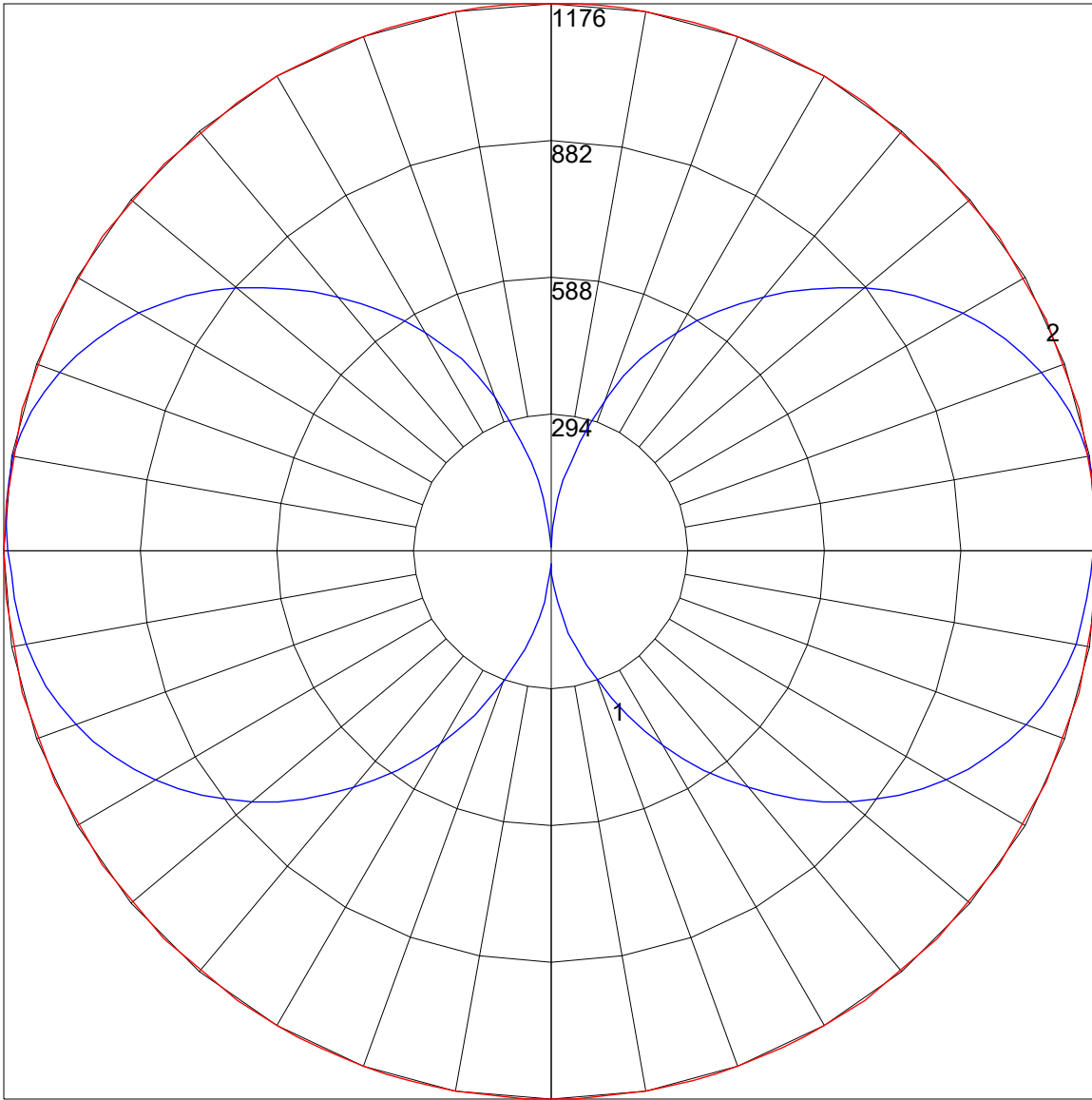
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

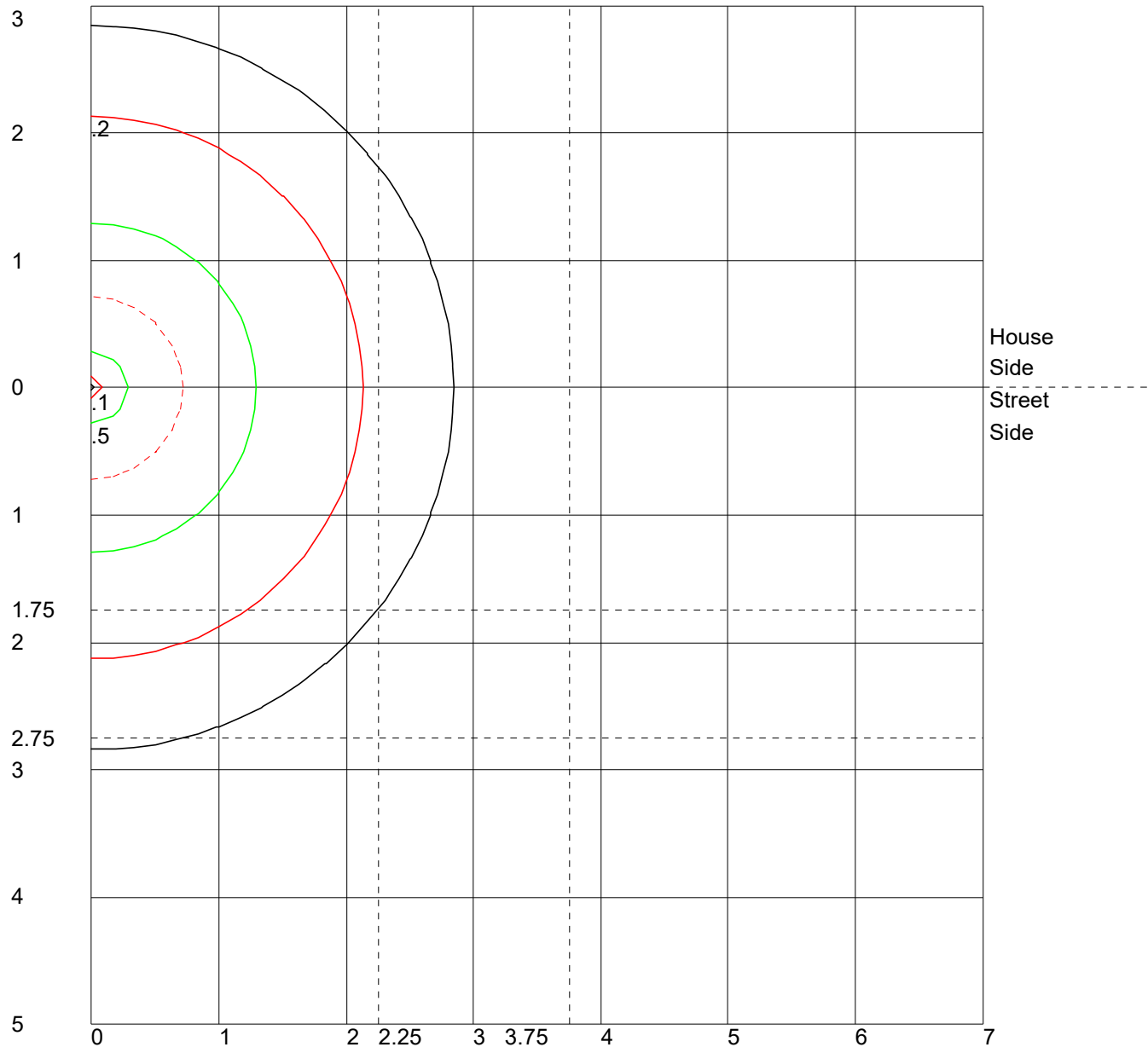
	Lumens	Percent Of Luminaire
Downward Street Side	2749.8	24.5
Downward House Side	2749.8	24.5
Downward Total	5499.6	49.0
Upward Street Side	2866.4	25.5
Upward House Side	2866.4	25.5
Upward Total	5732.8	51.0
Total Flux	11232.4	100.0

POLAR GRAPH



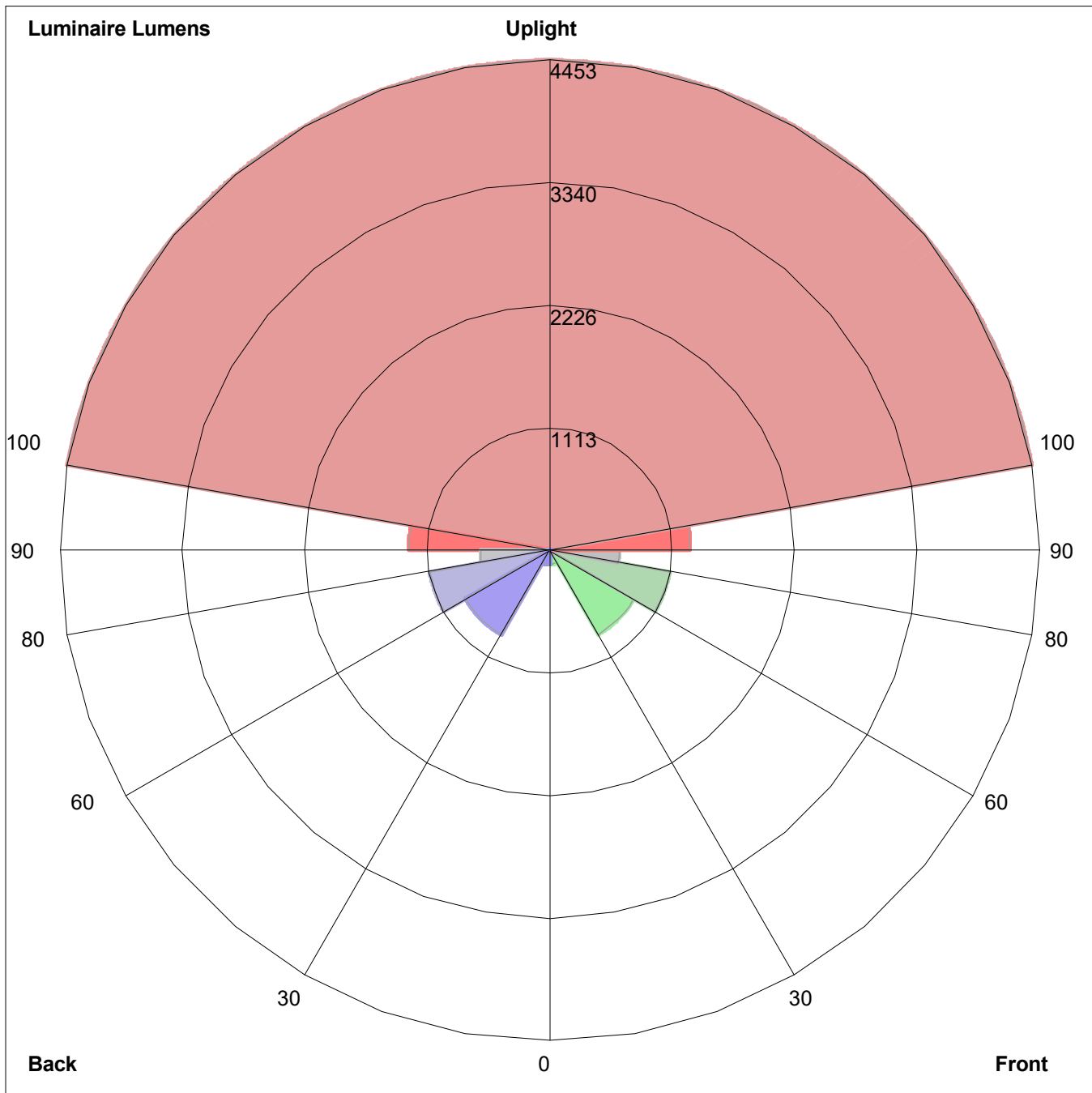
Maximum Candela = 1176.026 Located At Horizontal Angle = 360, Vertical Angle = 97.5
1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (97.5) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
 Values Based On 20 Foot Mounting Height
 1/2 Maximum Candela Trace Shown As Dashed Curve
 (+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=128.0, Medium=882.4, High=1108.2, Very High=631.1
Back: Low=128.0, Medium=882.4, High=1108.2, Very High=631.1
Uplight: Low= 1280.0, High=4452.8

BUG Rating : B3-U5-G4