



the evolution of illumination

IES ROAD REPORT

PHOTOMETRIC FILENAME : OM-100-4K-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-100-4k (Scaled from 5000K)
[LUMINAIRE] Circular plastic house and diffuse lens
[LAMP] Omnimax, 100W, 4000K 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	11682
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	117
Total Luminaire Watts	100
Ballast Factor	1.00
Upward Waste Light Ratio	0.51
Maximum Candela	1223.121
Maximum Candela Angle	360H 97.5V
Maximum Candela (<90 Degrees Vertical)	1207.982
Maximum Candela Angle (<90 Degrees Vertical)	360H 87.5V
Maximum Candela At 90 Degrees Vertical	1213.523 (10.4% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	1207.982 (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)	133.1	N.A.	1.1
FM - Front-Medium (30-60)	917.7	N.A.	7.9
FH - Front-High (60-80)	1152.6	N.A.	9.9
FVH - Front-Very High (80-90)	656.4	N.A.	5.6
BL - Back-Low (0-30)	133.1	N.A.	1.1
BM - Back-Medium (30-60)	917.7	N.A.	7.9
BH - Back-High (60-80)	1152.6	N.A.	9.9
BVH - Back-Very High (80-90)	656.4	N.A.	5.6
UL - Uplight-Low (90-100)	1331.3	N.A.	11.4
UH - Uplight-High (100-180)	4631.1	N.A.	39.6
Total	11682.0	N.A.	100.0
BUG Rating	B3-U5-G4		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles									
	<u>0.0</u>	<u>5.0</u>	<u>15.0</u>	<u>25.0</u>	<u>35.0</u>	<u>45.0</u>	<u>55.0</u>	<u>60.0</u>	<u>62.5</u>	<u>65.0</u>
0.0	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607
2.5	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991
5.0	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874
7.5	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397
10.0	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909
12.5	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213
15.0	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705
17.5	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274
20.0	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021
22.5	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329
25.0	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914
27.5	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191
30.0	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479
32.5	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876
35.0	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481
37.5	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383
40.0	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989
42.5	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891
45.0	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804
47.5	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331
50.0	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276
52.5	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033
55.0	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909
57.5	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818
60.0	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461
62.5	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333
65.0	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831
67.5	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152
70.0	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801
72.5	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283
75.0	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303
77.5	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661
80.0	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051
82.5	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482
85.0	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727
87.5	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982
90.0	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523
92.5	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668
95.0	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131
97.5	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121
100.0	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955
102.5	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226
105.0	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946
107.5	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608
110.0	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610
112.5	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742
115.0	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510
117.5	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408
120.0	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327
122.5	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278
125.0	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557
127.5	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065
130.0	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100

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CANDELA TABULATION - (Cont.)

132.5	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947
135.0	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805
137.5	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168
140.0	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432
142.5	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301
145.0	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169
147.5	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542
150.0	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718
152.5	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597
155.0	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387
157.5	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803
160.0	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797
162.5	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646
165.0	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224
167.5	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639
170.0	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773
172.5	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422
175.0	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631
177.5	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786
180.0	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687

Vert. Horizontal Angles

	<u>67.5</u>	<u>70.0</u>	<u>72.5</u>	<u>75.0</u>	<u>77.5</u>	<u>80.0</u>	<u>82.5</u>	<u>85.0</u>	<u>87.5</u>	<u>90.0</u>
0.0	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607
2.5	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991
5.0	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874
7.5	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397
10.0	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909
12.5	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213
15.0	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705
17.5	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274
20.0	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021
22.5	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329
25.0	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914
27.5	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191
30.0	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479
32.5	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876
35.0	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481
37.5	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383
40.0	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989
42.5	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891
45.0	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804
47.5	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331
50.0	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276
52.5	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033
55.0	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909
57.5	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818
60.0	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461
62.5	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333
65.0	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831
67.5	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152
70.0	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801
72.5	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283
75.0	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303
77.5	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661

IES ROAD REPORT
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CANDELA TABULATION - (Cont.)

80.0	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051
82.5	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482
85.0	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727
87.5	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982
90.0	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523
92.5	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668
95.0	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131
97.5	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121
100.0	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955
102.5	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226
105.0	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946
107.5	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608
110.0	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610
112.5	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742
115.0	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510
117.5	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408
120.0	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327
122.5	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278
125.0	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557
127.5	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065
130.0	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100
132.5	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947
135.0	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805
137.5	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168
140.0	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432
142.5	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301
145.0	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169
147.5	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542
150.0	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718
152.5	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597
155.0	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387
157.5	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803
160.0	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797
162.5	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646
165.0	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224
167.5	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639
170.0	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773
172.5	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422
175.0	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631
177.5	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786
180.0	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687

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	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607
2.5	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991
5.0	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874
7.5	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397
10.0	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909
12.5	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213
15.0	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705
17.5	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274
20.0	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021
22.5	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329
25.0	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914

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CANDELA TABULATION - (Cont.)

27.5	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191
30.0	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479
32.5	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876
35.0	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481
37.5	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383
40.0	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989
42.5	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891
45.0	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804
47.5	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331
50.0	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276
52.5	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033
55.0	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909
57.5	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818
60.0	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461
62.5	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333
65.0	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831
67.5	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152
70.0	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801
72.5	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283
75.0	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303
77.5	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661
80.0	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051
82.5	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482
85.0	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727
87.5	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982
90.0	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523
92.5	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668
95.0	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131
97.5	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121
100.0	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955
102.5	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226
105.0	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946
107.5	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608
110.0	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610
112.5	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742
115.0	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510
117.5	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408
120.0	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327
122.5	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278
125.0	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557
127.5	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065
130.0	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100
132.5	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947
135.0	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805
137.5	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168
140.0	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432
142.5	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301
145.0	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169
147.5	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542
150.0	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718
152.5	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597
155.0	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387
157.5	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803
160.0	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797
162.5	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646
165.0	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224

IES ROAD REPORT
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CANDELA TABULATION - (Cont.)

167.5	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639
170.0	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773
172.5	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422
175.0	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631
177.5	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786
180.0	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687

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	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607
2.5	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991
5.0	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874
7.5	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397
10.0	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909
12.5	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213
15.0	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705
17.5	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274
20.0	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021
22.5	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329
25.0	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914
27.5	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191
30.0	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479
32.5	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876
35.0	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481
37.5	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383
40.0	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989
42.5	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891
45.0	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804
47.5	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331
50.0	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276
52.5	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033
55.0	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909
57.5	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818
60.0	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461
62.5	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333
65.0	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831
67.5	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152
70.0	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801
72.5	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283
75.0	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303
77.5	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661
80.0	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051
82.5	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482
85.0	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727
87.5	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982
90.0	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523
92.5	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668
95.0	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131
97.5	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121
100.0	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955
102.5	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226
105.0	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946
107.5	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608
110.0	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610
112.5	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-100-4K-SCALED.IES

CANDELA TABULATION - (Cont.)

115.0	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510
117.5	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408
120.0	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327
122.5	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278
125.0	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557
127.5	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065
130.0	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100
132.5	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947
135.0	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805
137.5	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168
140.0	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432
142.5	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301
145.0	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169
147.5	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542
150.0	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718
152.5	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597
155.0	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387
157.5	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803
160.0	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797
162.5	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646
165.0	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224
167.5	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639
170.0	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773
172.5	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422
175.0	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631
177.5	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786
180.0	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687

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	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607
2.5	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991
5.0	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874
7.5	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397
10.0	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909
12.5	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213
15.0	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705
17.5	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274
20.0	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021
22.5	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329
25.0	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914
27.5	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191
30.0	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479
32.5	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876
35.0	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481
37.5	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383
40.0	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989
42.5	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891
45.0	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804
47.5	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331
50.0	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276
52.5	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033
55.0	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909
57.5	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818
60.0	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461

IES ROAD REPORT
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CANDELA TABULATION - (Cont.)

62.5	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333
65.0	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831
67.5	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152
70.0	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801
72.5	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283
75.0	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303
77.5	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661
80.0	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051
82.5	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482
85.0	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727
87.5	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982
90.0	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523
92.5	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668
95.0	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131
97.5	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121
100.0	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955
102.5	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226
105.0	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946
107.5	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608
110.0	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610
112.5	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742
115.0	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510
117.5	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408
120.0	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327
122.5	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278
125.0	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557
127.5	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065
130.0	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100
132.5	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947
135.0	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805
137.5	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168
140.0	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432
142.5	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301
145.0	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169
147.5	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542
150.0	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718
152.5	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597
155.0	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387
157.5	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803
160.0	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797
162.5	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646
165.0	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224
167.5	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639
170.0	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773
172.5	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422
175.0	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631
177.5	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786
180.0	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687

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	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607
2.5	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991
5.0	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874
7.5	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397

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CANDELA TABULATION - (Cont.)

10.0	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909
12.5	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213
15.0	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705
17.5	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274
20.0	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021
22.5	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329
25.0	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914
27.5	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191
30.0	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479
32.5	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876
35.0	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481
37.5	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383
40.0	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989
42.5	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891
45.0	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804
47.5	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331
50.0	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276
52.5	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033
55.0	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909
57.5	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818
60.0	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461
62.5	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333
65.0	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831
67.5	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152
70.0	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801
72.5	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283
75.0	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303
77.5	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661
80.0	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051
82.5	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482
85.0	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727
87.5	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982
90.0	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523
92.5	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668
95.0	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131
97.5	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121
100.0	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955
102.5	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226
105.0	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946
107.5	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608
110.0	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610
112.5	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742
115.0	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510
117.5	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408
120.0	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327
122.5	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278
125.0	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557
127.5	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065
130.0	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100
132.5	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947
135.0	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805
137.5	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168
140.0	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432
142.5	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301
145.0	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169
147.5	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542

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CANDELA TABULATION - (Cont.)

150.0	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718
152.5	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597
155.0	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387
157.5	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803
160.0	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797
162.5	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646
165.0	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224
167.5	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639
170.0	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773
172.5	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422
175.0	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631
177.5	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786
180.0	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687

Vert. Angles **Horizontal 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	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607	27.607
2.5	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991	47.991
5.0	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874	77.874
7.5	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397	113.397
10.0	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909	149.909
12.5	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213	187.213
15.0	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705	225.705
17.5	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274	266.274
20.0	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021	309.021
22.5	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329	355.329
25.0	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914	403.914
27.5	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191	453.191
30.0	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479	501.479
32.5	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876	548.876
35.0	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481	595.481
37.5	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383	642.383
40.0	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989	688.989
42.5	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891	735.891
45.0	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804	781.804
47.5	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331	826.331
50.0	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276	869.276
52.5	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033	911.033
55.0	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909	950.909
57.5	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818	987.818
60.0	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461
62.5	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333
65.0	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831
67.5	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152
70.0	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801
72.5	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283
75.0	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303
77.5	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661
80.0	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051
82.5	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482
85.0	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727
87.5	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982
90.0	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523
92.5	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668
95.0	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-100-4K-SCALED.IES

CANDELA TABULATION - (Cont.)

97.5	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121
100.0	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955
102.5	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226
105.0	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946
107.5	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608
110.0	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610
112.5	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742
115.0	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510
117.5	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408
120.0	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327
122.5	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278
125.0	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557	993.557
127.5	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065	955.065
130.0	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100	914.100
132.5	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947	871.947
135.0	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805	828.805
137.5	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168	785.168
140.0	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432	741.432
142.5	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301	697.301
145.0	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169	653.169
147.5	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542	608.542
150.0	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718	563.718
152.5	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597	518.597
155.0	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387	472.387
157.5	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803	423.803
160.0	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797	367.797
162.5	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646	306.646
165.0	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224	252.224
167.5	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639	203.639
170.0	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773	162.773
172.5	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422	120.422
175.0	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631	53.631
177.5	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786	10.786
180.0	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687	10.687

Vert. Angles **Horizontal Angles**

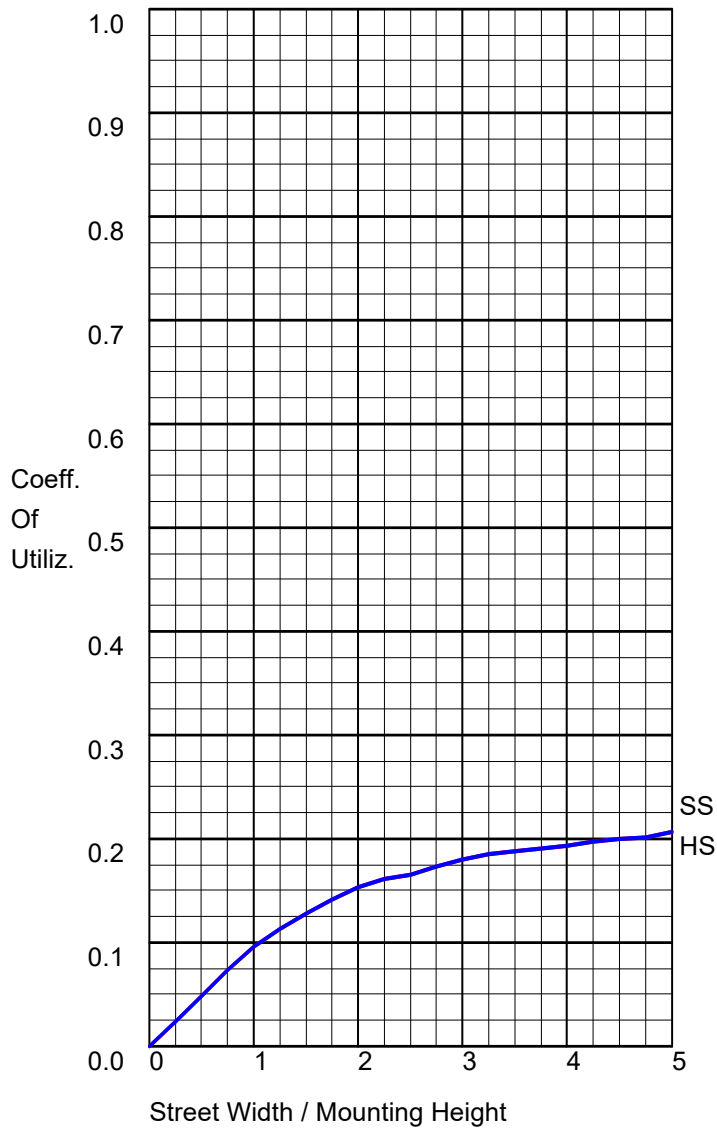
	<u>305.0</u>	<u>315.0</u>	<u>325.0</u>	<u>335.0</u>	<u>345.0</u>	<u>355.0</u>	<u>360.0</u>
0.0	27.607	27.607	27.607	27.607	27.607	27.607	27.607
2.5	47.991	47.991	47.991	47.991	47.991	47.991	47.991
5.0	77.874	77.874	77.874	77.874	77.874	77.874	77.874
7.5	113.397	113.397	113.397	113.397	113.397	113.397	113.397
10.0	149.909	149.909	149.909	149.909	149.909	149.909	149.909
12.5	187.213	187.213	187.213	187.213	187.213	187.213	187.213
15.0	225.705	225.705	225.705	225.705	225.705	225.705	225.705
17.5	266.274	266.274	266.274	266.274	266.274	266.274	266.274
20.0	309.021	309.021	309.021	309.021	309.021	309.021	309.021
22.5	355.329	355.329	355.329	355.329	355.329	355.329	355.329
25.0	403.914	403.914	403.914	403.914	403.914	403.914	403.914
27.5	453.191	453.191	453.191	453.191	453.191	453.191	453.191
30.0	501.479	501.479	501.479	501.479	501.479	501.479	501.479
32.5	548.876	548.876	548.876	548.876	548.876	548.876	548.876
35.0	595.481	595.481	595.481	595.481	595.481	595.481	595.481
37.5	642.383	642.383	642.383	642.383	642.383	642.383	642.383
40.0	688.989	688.989	688.989	688.989	688.989	688.989	688.989
42.5	735.891	735.891	735.891	735.891	735.891	735.891	735.891

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-100-4K-SCALED.IES

CANDELA TABULATION - (Cont.)

45.0	781.804	781.804	781.804	781.804	781.804	781.804	781.804
47.5	826.331	826.331	826.331	826.331	826.331	826.331	826.331
50.0	869.276	869.276	869.276	869.276	869.276	869.276	869.276
52.5	911.033	911.033	911.033	911.033	911.033	911.033	911.033
55.0	950.909	950.909	950.909	950.909	950.909	950.909	950.909
57.5	987.818	987.818	987.818	987.818	987.818	987.818	987.818
60.0	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461	1021.461
62.5	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333	1052.333
65.0	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831	1080.831
67.5	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152	1107.152
70.0	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801	1130.801
72.5	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283	1151.283
75.0	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303	1168.303
77.5	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661	1181.661
80.0	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051	1192.051
82.5	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482	1198.482
85.0	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727	1203.727
87.5	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982	1207.982
90.0	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523	1213.523
92.5	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668	1218.668
95.0	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131	1222.131
97.5	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121	1223.121
100.0	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955	1219.955
102.5	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226	1213.226
105.0	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946	1201.946
107.5	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608	1186.608
110.0	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610	1167.610
112.5	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742	1145.742
115.0	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510	1120.510
117.5	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408	1092.408
120.0	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327	1062.327
122.5	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278	1029.278
125.0	993.557	993.557	993.557	993.557	993.557	993.557	993.557
127.5	955.065	955.065	955.065	955.065	955.065	955.065	955.065
130.0	914.100	914.100	914.100	914.100	914.100	914.100	914.100
132.5	871.947	871.947	871.947	871.947	871.947	871.947	871.947
135.0	828.805	828.805	828.805	828.805	828.805	828.805	828.805
137.5	785.168	785.168	785.168	785.168	785.168	785.168	785.168
140.0	741.432	741.432	741.432	741.432	741.432	741.432	741.432
142.5	697.301	697.301	697.301	697.301	697.301	697.301	697.301
145.0	653.169	653.169	653.169	653.169	653.169	653.169	653.169
147.5	608.542	608.542	608.542	608.542	608.542	608.542	608.542
150.0	563.718	563.718	563.718	563.718	563.718	563.718	563.718
152.5	518.597	518.597	518.597	518.597	518.597	518.597	518.597
155.0	472.387	472.387	472.387	472.387	472.387	472.387	472.387
157.5	423.803	423.803	423.803	423.803	423.803	423.803	423.803
160.0	367.797	367.797	367.797	367.797	367.797	367.797	367.797
162.5	306.646	306.646	306.646	306.646	306.646	306.646	306.646
165.0	252.224	252.224	252.224	252.224	252.224	252.224	252.224
167.5	203.639	203.639	203.639	203.639	203.639	203.639	203.639
170.0	162.773	162.773	162.773	162.773	162.773	162.773	162.773
172.5	120.422	120.422	120.422	120.422	120.422	120.422	120.422
175.0	53.631	53.631	53.631	53.631	53.631	53.631	53.631
177.5	10.786	10.786	10.786	10.786	10.786	10.786	10.786
180.0	10.687	10.687	10.687	10.687	10.687	10.687	10.687

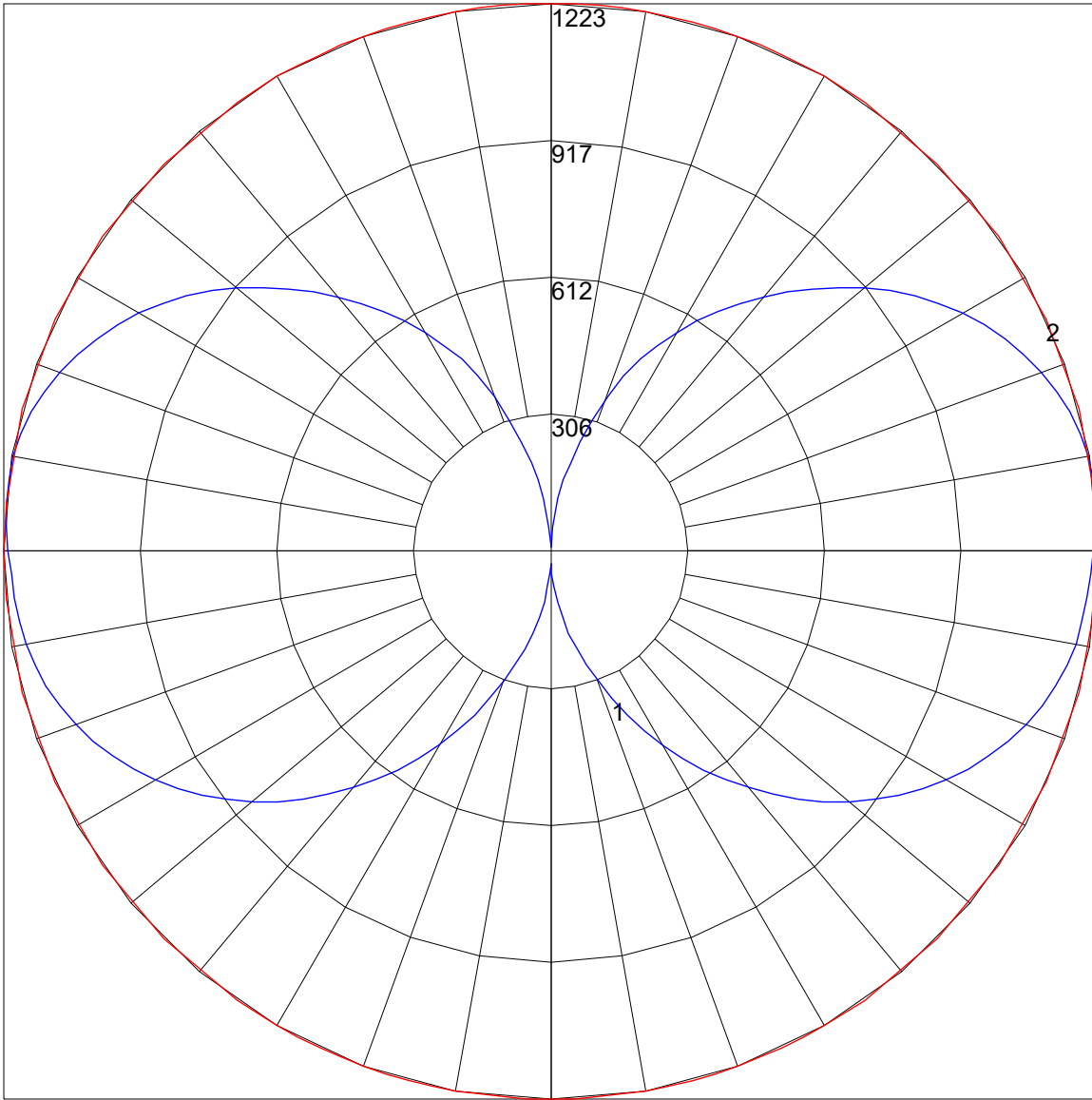
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

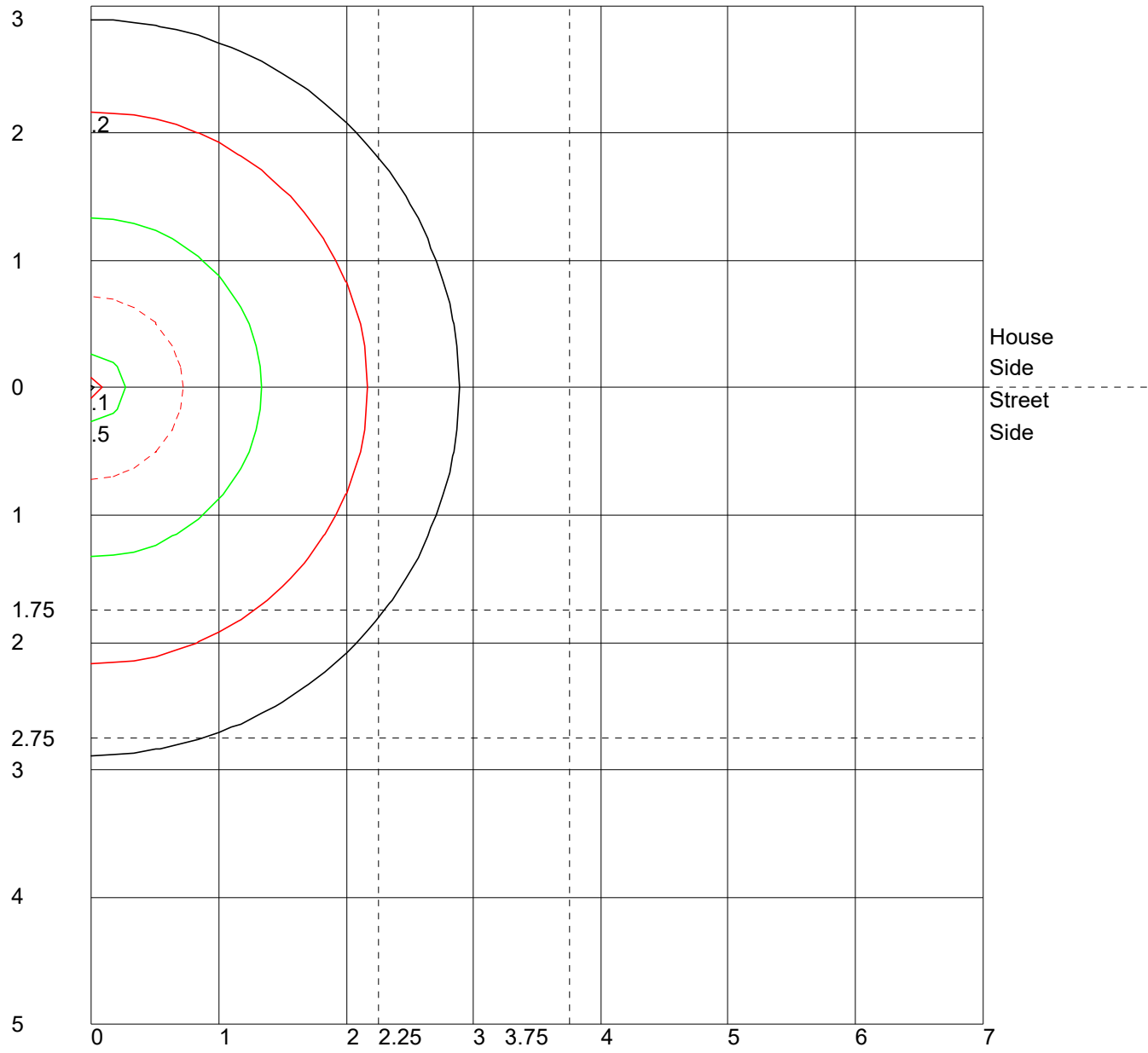
	Lumens	Percent Of Luminaire
Downward Street Side	2859.9	24.5
Downward House Side	2859.9	24.5
Downward Total	5719.8	49.0
Upward Street Side	2981.2	25.5
Upward House Side	2981.2	25.5
Upward Total	5962.4	51.0
Total Flux	11682.2	100.0

POLAR GRAPH



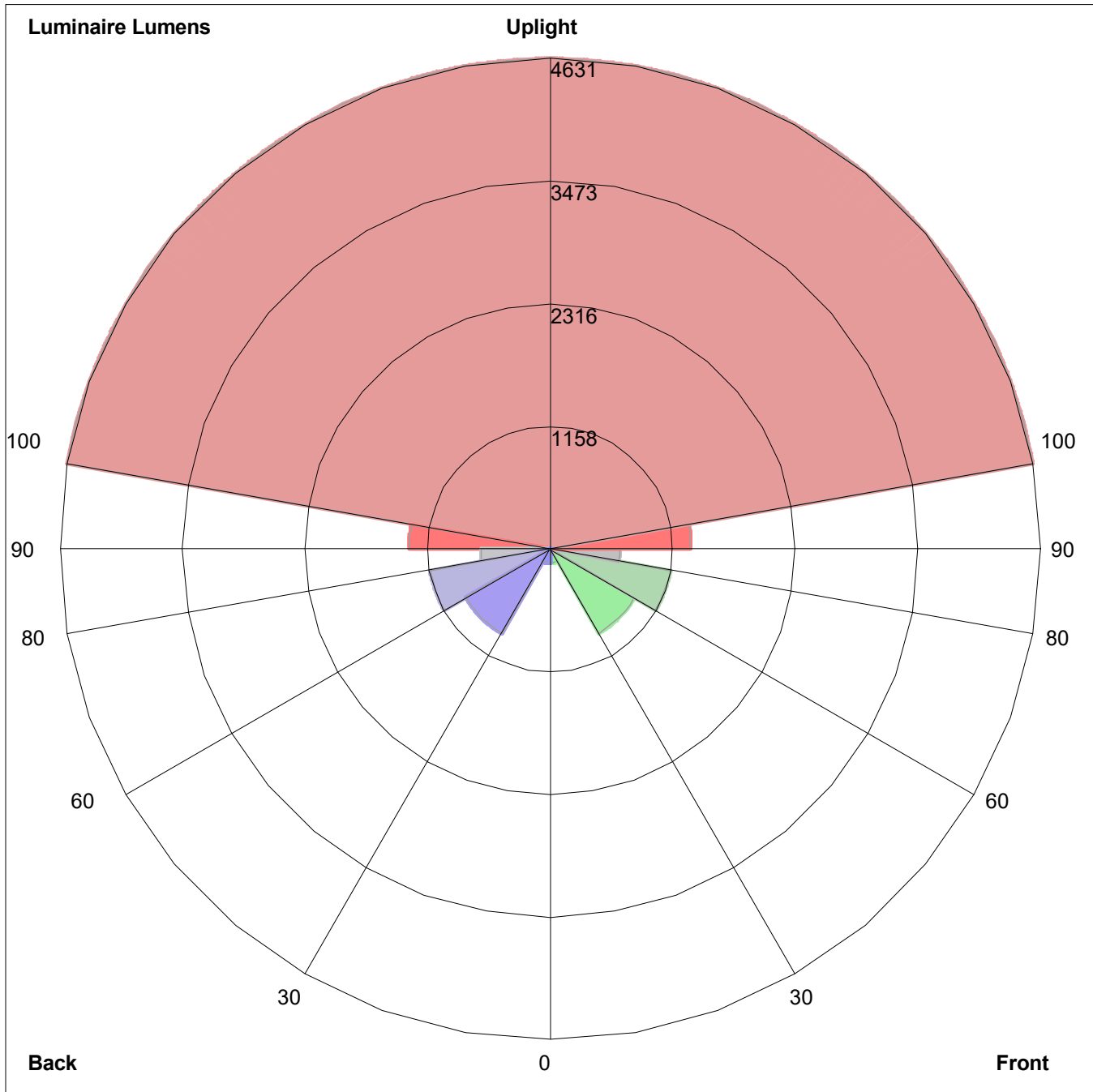
Maximum Candela = 1223.121 Located At Horizontal Angle = 360, Vertical Angle = 97.5
1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (97.5) (Through Max. Cd.)

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=133.1, Medium=917.7, High=1152.6, Very High=656.4
 Back: Low=133.1, Medium=917.7, High=1152.6, Very High=656.4
 Uplight: Low=1331.3, High=4631.1

BUG Rating : B3-U5-G4