



the evolution of illumination

IES ROAD REPORT

PHOTOMETRIC FILENAME : OM-100-22-SCALED.IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 14201909.02
[TESTLAB] UL LLC
[ISSUEDATE] 2/11/2022
[MANUFAC] Express Imaging Systems LLC dba Evluma
[LUMCAT] OMNI-100-22 (Scaled from 2700k)
[LUMINAIRE] Circular plastic house and diffuse lens
[LAMP] Omnimax, 100W, 2200K CCT
[BALLAST] Internal

CHARACTERISTICS

IES Classification	Type V
Longitudinal Classification	Very Short
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	8141
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	81
Total Luminaire Watts	100
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	851.725
Maximum Candela Angle	360H 87.5V
Maximum Candela (<90 Degrees Vertical)	851.725
Maximum Candela Angle (<90 Degrees Vertical)	360H 87.5V
Maximum Candela At 90 Degrees Vertical	849.97 (10.4% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	851.725 (10.5% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)



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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	93.5	N.A.	1.1
FM - Front-Medium (30-60)	653.7	N.A.	8.0
FH - Front-High (60-80)	814.7	N.A.	10.0
FVH - Front-Very High (80-90)	463.6	N.A.	5.7
BL - Back-Low (0-30)	93.5	N.A.	1.1
BM - Back-Medium (30-60)	653.7	N.A.	8.0
BH - Back-High (60-80)	814.7	N.A.	10.0
BVH - Back-Very High (80-90)	463.6	N.A.	5.7
UL - Uplight-Low (90-100)	917.8	N.A.	11.3
UH - Uplight-High (100-180)	3172.0	N.A.	39.0
Total	8140.8	N.A.	100.0
BUG Rating	B2-U5-G3		

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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	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986
2.5	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727
5.0	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186
7.5	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691
10.0	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884
12.5	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457
15.0	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718
17.5	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506
20.0	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126
22.5	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571
25.0	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145
27.5	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094
30.0	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431
32.5	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472
35.0	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901
37.5	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643
40.0	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927
42.5	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525
45.0	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129
47.5	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971
50.0	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430
52.5	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898
55.0	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143
57.5	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023
60.0	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306
62.5	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994
65.0	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774
67.5	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951
70.0	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677
72.5	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952
75.0	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625
77.5	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465
80.0	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862
82.5	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206
85.0	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496
87.5	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725
90.0	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970
92.5	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069
95.0	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183
97.5	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076
100.0	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823
102.5	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037
105.0	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410
107.5	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944
110.0	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638
112.5	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577
115.0	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996
117.5	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124
120.0	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352
122.5	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908
125.0	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098
127.5	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684
130.0	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515

IES ROAD REPORT
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CANDELA TABULATION - (Cont.)

132.5	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735
135.0	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649
137.5	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335
140.0	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867
142.5	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553
145.0	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162
147.5	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618
150.0	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846
152.5	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691
155.0	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697
157.5	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413
160.0	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014
162.5	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340
165.0	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246
167.5	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886
170.0	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266
172.5	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806
175.0	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017
177.5	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405
180.0	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405

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	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986
2.5	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727
5.0	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186
7.5	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691
10.0	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884
12.5	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457
15.0	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718
17.5	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506
20.0	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126
22.5	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571
25.0	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145
27.5	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094
30.0	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431
32.5	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472
35.0	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901
37.5	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643
40.0	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927
42.5	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525
45.0	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129
47.5	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971
50.0	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430
52.5	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898
55.0	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143
57.5	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023
60.0	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306
62.5	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994
65.0	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774
67.5	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951
70.0	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677
72.5	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952
75.0	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625
77.5	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-100-22-SCALED.IES

CANDELA TABULATION - (Cont.)

80.0	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862
82.5	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206
85.0	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496
87.5	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725
90.0	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970
92.5	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069
95.0	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183
97.5	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076
100.0	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823
102.5	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037
105.0	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410
107.5	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944
110.0	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638
112.5	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577
115.0	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996
117.5	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124
120.0	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352
122.5	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908
125.0	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098
127.5	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684
130.0	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515
132.5	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735
135.0	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649
137.5	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335
140.0	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867
142.5	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553
145.0	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162
147.5	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618
150.0	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846
152.5	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691
155.0	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697
157.5	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413
160.0	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014
162.5	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340
165.0	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246
167.5	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886
170.0	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266
172.5	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806
175.0	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017
177.5	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405
180.0	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405

Vert. 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	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986
2.5	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727
5.0	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186
7.5	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691
10.0	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884
12.5	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457
15.0	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718
17.5	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506
20.0	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126
22.5	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571
25.0	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-100-22-SCALED.IES

CANDELA TABULATION - (Cont.)

27.5	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094
30.0	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431
32.5	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472
35.0	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901
37.5	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643
40.0	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927
42.5	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525
45.0	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129
47.5	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971
50.0	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430
52.5	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898
55.0	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143
57.5	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023
60.0	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306
62.5	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994
65.0	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774
67.5	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951
70.0	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677
72.5	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952
75.0	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625
77.5	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465
80.0	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862
82.5	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206
85.0	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496
87.5	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725
90.0	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970
92.5	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069
95.0	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183
97.5	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076
100.0	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823
102.5	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037
105.0	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410
107.5	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944
110.0	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638
112.5	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577
115.0	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996
117.5	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124
120.0	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352
122.5	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908
125.0	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098
127.5	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684
130.0	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515
132.5	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735
135.0	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649
137.5	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335
140.0	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867
142.5	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553
145.0	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162
147.5	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618
150.0	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846
152.5	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691
155.0	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697
157.5	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413
160.0	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014
162.5	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340
165.0	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246

IES ROAD REPORT
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CANDELA TABULATION - (Cont.)

167.5	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886
170.0	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266
172.5	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806
175.0	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017
177.5	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405
180.0	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405

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	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986
2.5	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727
5.0	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186
7.5	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691
10.0	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884
12.5	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457
15.0	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718
17.5	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506
20.0	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126
22.5	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571
25.0	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145
27.5	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094
30.0	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431
32.5	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472
35.0	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901
37.5	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643
40.0	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927
42.5	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525
45.0	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129
47.5	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971
50.0	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430
52.5	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898
55.0	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143
57.5	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023
60.0	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306
62.5	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994
65.0	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774
67.5	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951
70.0	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677
72.5	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952
75.0	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625
77.5	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465
80.0	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862
82.5	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206
85.0	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496
87.5	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725
90.0	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970
92.5	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069
95.0	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183
97.5	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076
100.0	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823
102.5	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037
105.0	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410
107.5	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944
110.0	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638
112.5	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-100-22-SCALED.IES

CANDELA TABULATION - (Cont.)

115.0	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996
117.5	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124
120.0	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352
122.5	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908
125.0	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098
127.5	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684
130.0	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515
132.5	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735
135.0	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649
137.5	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335
140.0	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867
142.5	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553
145.0	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162
147.5	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618
150.0	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846
152.5	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691
155.0	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697
157.5	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413
160.0	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014
162.5	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340
165.0	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246
167.5	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886
170.0	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266
172.5	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806
175.0	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017
177.5	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405
180.0	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405

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	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986
2.5	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727
5.0	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186
7.5	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691
10.0	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884
12.5	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457
15.0	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718
17.5	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506
20.0	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126
22.5	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571
25.0	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145
27.5	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094
30.0	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431
32.5	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472
35.0	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901
37.5	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643
40.0	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927
42.5	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525
45.0	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129
47.5	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971
50.0	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430
52.5	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898
55.0	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143
57.5	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023
60.0	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306

IES ROAD REPORT
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CANDELA TABULATION - (Cont.)

62.5	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994
65.0	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774
67.5	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951
70.0	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677
72.5	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952
75.0	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625
77.5	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465
80.0	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862
82.5	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206
85.0	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496
87.5	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725
90.0	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970
92.5	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069
95.0	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183
97.5	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076
100.0	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823
102.5	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037
105.0	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410
107.5	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944
110.0	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638
112.5	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577
115.0	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996
117.5	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124
120.0	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352
122.5	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908
125.0	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098
127.5	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684
130.0	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515
132.5	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735
135.0	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649
137.5	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335
140.0	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867
142.5	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553
145.0	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162
147.5	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618
150.0	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846
152.5	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691
155.0	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697
157.5	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413
160.0	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014
162.5	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340
165.0	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246
167.5	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886
170.0	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266
172.5	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806
175.0	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017
177.5	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405
180.0	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405

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	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986
2.5	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727
5.0	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186
7.5	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691

IES ROAD REPORT
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CANDELA TABULATION - (Cont.)

10.0	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884
12.5	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457
15.0	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718
17.5	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506
20.0	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126
22.5	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571
25.0	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145
27.5	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094
30.0	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431
32.5	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472
35.0	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901
37.5	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643
40.0	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927
42.5	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525
45.0	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129
47.5	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971
50.0	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430
52.5	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898
55.0	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143
57.5	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023
60.0	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306
62.5	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994
65.0	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774
67.5	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951
70.0	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677
72.5	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952
75.0	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625
77.5	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465
80.0	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862
82.5	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206
85.0	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496
87.5	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725
90.0	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970
92.5	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069
95.0	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183
97.5	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076
100.0	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823
102.5	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037
105.0	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410
107.5	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944
110.0	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638
112.5	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577
115.0	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996
117.5	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124
120.0	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352
122.5	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908
125.0	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098
127.5	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684
130.0	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515
132.5	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735
135.0	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649
137.5	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335
140.0	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867
142.5	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553
145.0	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162
147.5	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-100-22-SCALED.IES

CANDELA TABULATION - (Cont.)

150.0	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846
152.5	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691
155.0	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697
157.5	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413
160.0	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014
162.5	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340
165.0	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246
167.5	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886
170.0	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266
172.5	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806
175.0	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017
177.5	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405
180.0	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405

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	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986	21.986
2.5	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727	35.727
5.0	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186	56.186
7.5	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691	80.691
10.0	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884	105.884
12.5	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457	131.457
15.0	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718	157.718
17.5	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506	185.506
20.0	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126	215.126
22.5	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571	247.571
25.0	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145	283.145
27.5	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094	320.094
30.0	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431	356.431
32.5	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472	391.472
35.0	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901	425.901
37.5	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643	459.643
40.0	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927	492.927
42.5	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525	525.525
45.0	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129	557.129
47.5	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971	587.971
50.0	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430	618.430
52.5	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898	647.898
55.0	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143	676.143
57.5	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023	702.023
60.0	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306	725.306
62.5	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994	745.994
65.0	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774	764.774
67.5	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951	781.951
70.0	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677	797.677
72.5	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952	811.952
75.0	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625	824.625
77.5	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465	835.465
80.0	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862	843.862
82.5	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206	849.206
85.0	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496	851.496
87.5	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725	851.725
90.0	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970	849.970
92.5	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069	847.069
95.0	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183	842.183

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-100-22-SCALED.IES

CANDELA TABULATION - (Cont.)

97.5	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076	836.076
100.0	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823	828.823
102.5	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037	821.037
105.0	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410	812.410
107.5	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944	802.944
110.0	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638	792.638
112.5	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577	780.577
115.0	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996	765.996
117.5	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124	749.124
120.0	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352	729.352
122.5	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908	706.908
125.0	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098	682.098
127.5	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684	655.684
130.0	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515	627.515
132.5	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735	598.735
135.0	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649	569.649
137.5	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335	540.335
140.0	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867	510.867
142.5	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553	481.553
145.0	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162	452.162
147.5	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618	422.618
150.0	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846	392.846
152.5	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691	362.691
155.0	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697	331.697
157.5	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413	298.413
160.0	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014	260.014
162.5	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340	217.340
165.0	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246	179.246
167.5	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886	145.886
170.0	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266	116.266
172.5	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806	85.806
175.0	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017	38.017
177.5	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405
180.0	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405	7.405

Vert. Angles **Horizontal Angles**

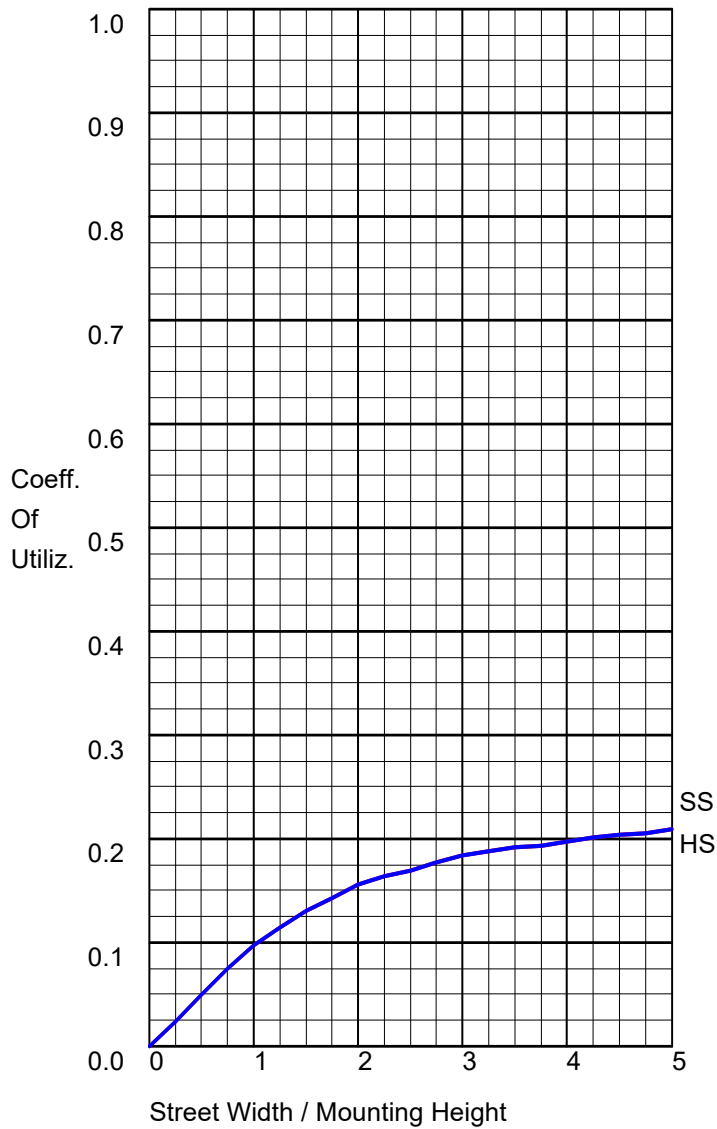
	305.0	315.0	325.0	335.0	345.0	355.0	360.0
0.0	21.986	21.986	21.986	21.986	21.986	21.986	21.986
2.5	35.727	35.727	35.727	35.727	35.727	35.727	35.727
5.0	56.186	56.186	56.186	56.186	56.186	56.186	56.186
7.5	80.691	80.691	80.691	80.691	80.691	80.691	80.691
10.0	105.884	105.884	105.884	105.884	105.884	105.884	105.884
12.5	131.457	131.457	131.457	131.457	131.457	131.457	131.457
15.0	157.718	157.718	157.718	157.718	157.718	157.718	157.718
17.5	185.506	185.506	185.506	185.506	185.506	185.506	185.506
20.0	215.126	215.126	215.126	215.126	215.126	215.126	215.126
22.5	247.571	247.571	247.571	247.571	247.571	247.571	247.571
25.0	283.145	283.145	283.145	283.145	283.145	283.145	283.145
27.5	320.094	320.094	320.094	320.094	320.094	320.094	320.094
30.0	356.431	356.431	356.431	356.431	356.431	356.431	356.431
32.5	391.472	391.472	391.472	391.472	391.472	391.472	391.472
35.0	425.901	425.901	425.901	425.901	425.901	425.901	425.901
37.5	459.643	459.643	459.643	459.643	459.643	459.643	459.643
40.0	492.927	492.927	492.927	492.927	492.927	492.927	492.927
42.5	525.525	525.525	525.525	525.525	525.525	525.525	525.525

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-100-22-SCALED.IES

CANDELA TABULATION - (Cont.)

45.0	557.129	557.129	557.129	557.129	557.129	557.129	557.129
47.5	587.971	587.971	587.971	587.971	587.971	587.971	587.971
50.0	618.430	618.430	618.430	618.430	618.430	618.430	618.430
52.5	647.898	647.898	647.898	647.898	647.898	647.898	647.898
55.0	676.143	676.143	676.143	676.143	676.143	676.143	676.143
57.5	702.023	702.023	702.023	702.023	702.023	702.023	702.023
60.0	725.306	725.306	725.306	725.306	725.306	725.306	725.306
62.5	745.994	745.994	745.994	745.994	745.994	745.994	745.994
65.0	764.774	764.774	764.774	764.774	764.774	764.774	764.774
67.5	781.951	781.951	781.951	781.951	781.951	781.951	781.951
70.0	797.677	797.677	797.677	797.677	797.677	797.677	797.677
72.5	811.952	811.952	811.952	811.952	811.952	811.952	811.952
75.0	824.625	824.625	824.625	824.625	824.625	824.625	824.625
77.5	835.465	835.465	835.465	835.465	835.465	835.465	835.465
80.0	843.862	843.862	843.862	843.862	843.862	843.862	843.862
82.5	849.206	849.206	849.206	849.206	849.206	849.206	849.206
85.0	851.496	851.496	851.496	851.496	851.496	851.496	851.496
87.5	851.725	851.725	851.725	851.725	851.725	851.725	851.725
90.0	849.970	849.970	849.970	849.970	849.970	849.970	849.970
92.5	847.069	847.069	847.069	847.069	847.069	847.069	847.069
95.0	842.183	842.183	842.183	842.183	842.183	842.183	842.183
97.5	836.076	836.076	836.076	836.076	836.076	836.076	836.076
100.0	828.823	828.823	828.823	828.823	828.823	828.823	828.823
102.5	821.037	821.037	821.037	821.037	821.037	821.037	821.037
105.0	812.410	812.410	812.410	812.410	812.410	812.410	812.410
107.5	802.944	802.944	802.944	802.944	802.944	802.944	802.944
110.0	792.638	792.638	792.638	792.638	792.638	792.638	792.638
112.5	780.577	780.577	780.577	780.577	780.577	780.577	780.577
115.0	765.996	765.996	765.996	765.996	765.996	765.996	765.996
117.5	749.124	749.124	749.124	749.124	749.124	749.124	749.124
120.0	729.352	729.352	729.352	729.352	729.352	729.352	729.352
122.5	706.908	706.908	706.908	706.908	706.908	706.908	706.908
125.0	682.098	682.098	682.098	682.098	682.098	682.098	682.098
127.5	655.684	655.684	655.684	655.684	655.684	655.684	655.684
130.0	627.515	627.515	627.515	627.515	627.515	627.515	627.515
132.5	598.735	598.735	598.735	598.735	598.735	598.735	598.735
135.0	569.649	569.649	569.649	569.649	569.649	569.649	569.649
137.5	540.335	540.335	540.335	540.335	540.335	540.335	540.335
140.0	510.867	510.867	510.867	510.867	510.867	510.867	510.867
142.5	481.553	481.553	481.553	481.553	481.553	481.553	481.553
145.0	452.162	452.162	452.162	452.162	452.162	452.162	452.162
147.5	422.618	422.618	422.618	422.618	422.618	422.618	422.618
150.0	392.846	392.846	392.846	392.846	392.846	392.846	392.846
152.5	362.691	362.691	362.691	362.691	362.691	362.691	362.691
155.0	331.697	331.697	331.697	331.697	331.697	331.697	331.697
157.5	298.413	298.413	298.413	298.413	298.413	298.413	298.413
160.0	260.014	260.014	260.014	260.014	260.014	260.014	260.014
162.5	217.340	217.340	217.340	217.340	217.340	217.340	217.340
165.0	179.246	179.246	179.246	179.246	179.246	179.246	179.246
167.5	145.886	145.886	145.886	145.886	145.886	145.886	145.886
170.0	116.266	116.266	116.266	116.266	116.266	116.266	116.266
172.5	85.806	85.806	85.806	85.806	85.806	85.806	85.806
175.0	38.017	38.017	38.017	38.017	38.017	38.017	38.017
177.5	7.405	7.405	7.405	7.405	7.405	7.405	7.405
180.0	7.405	7.405	7.405	7.405	7.405	7.405	7.405

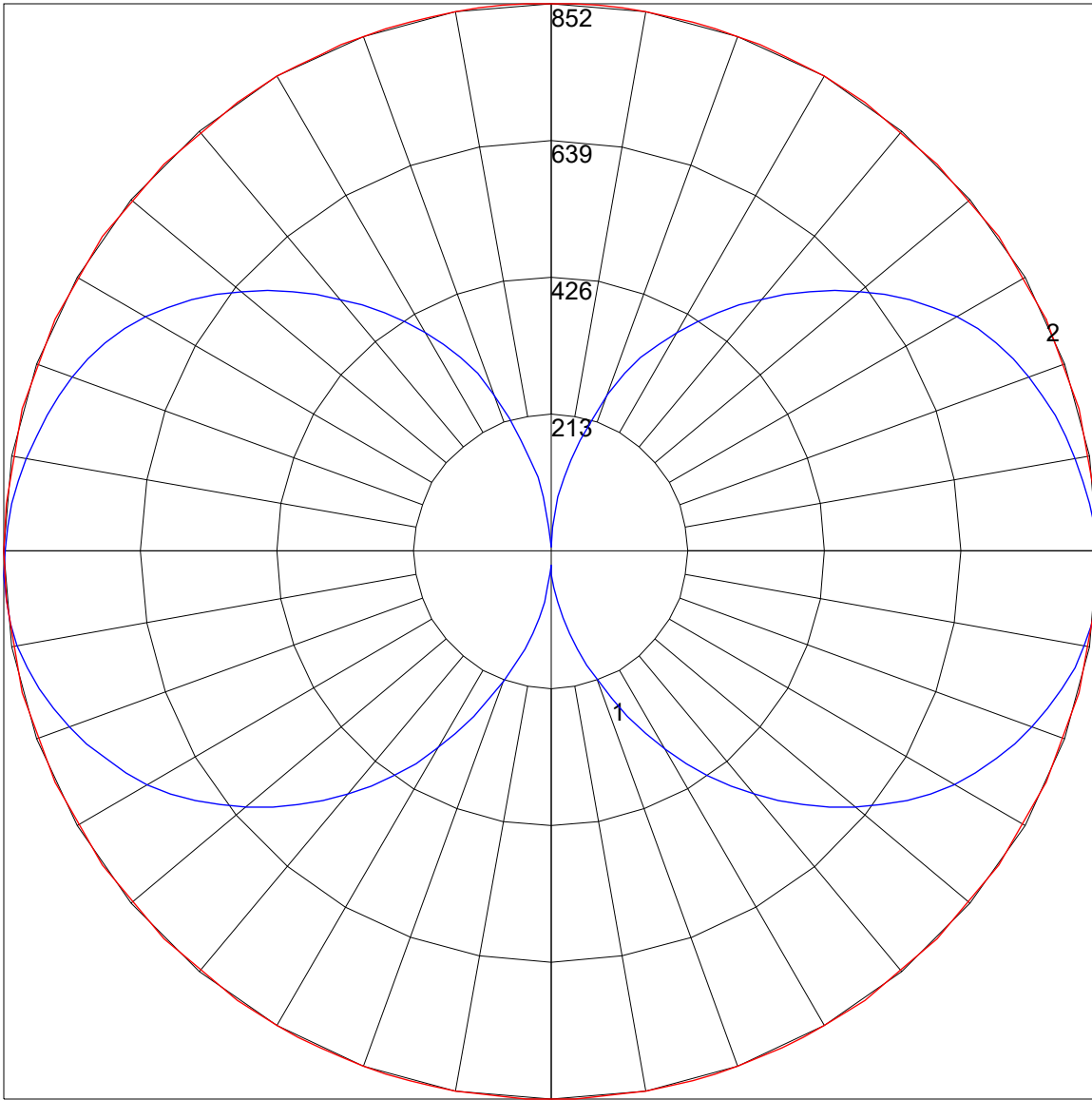
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

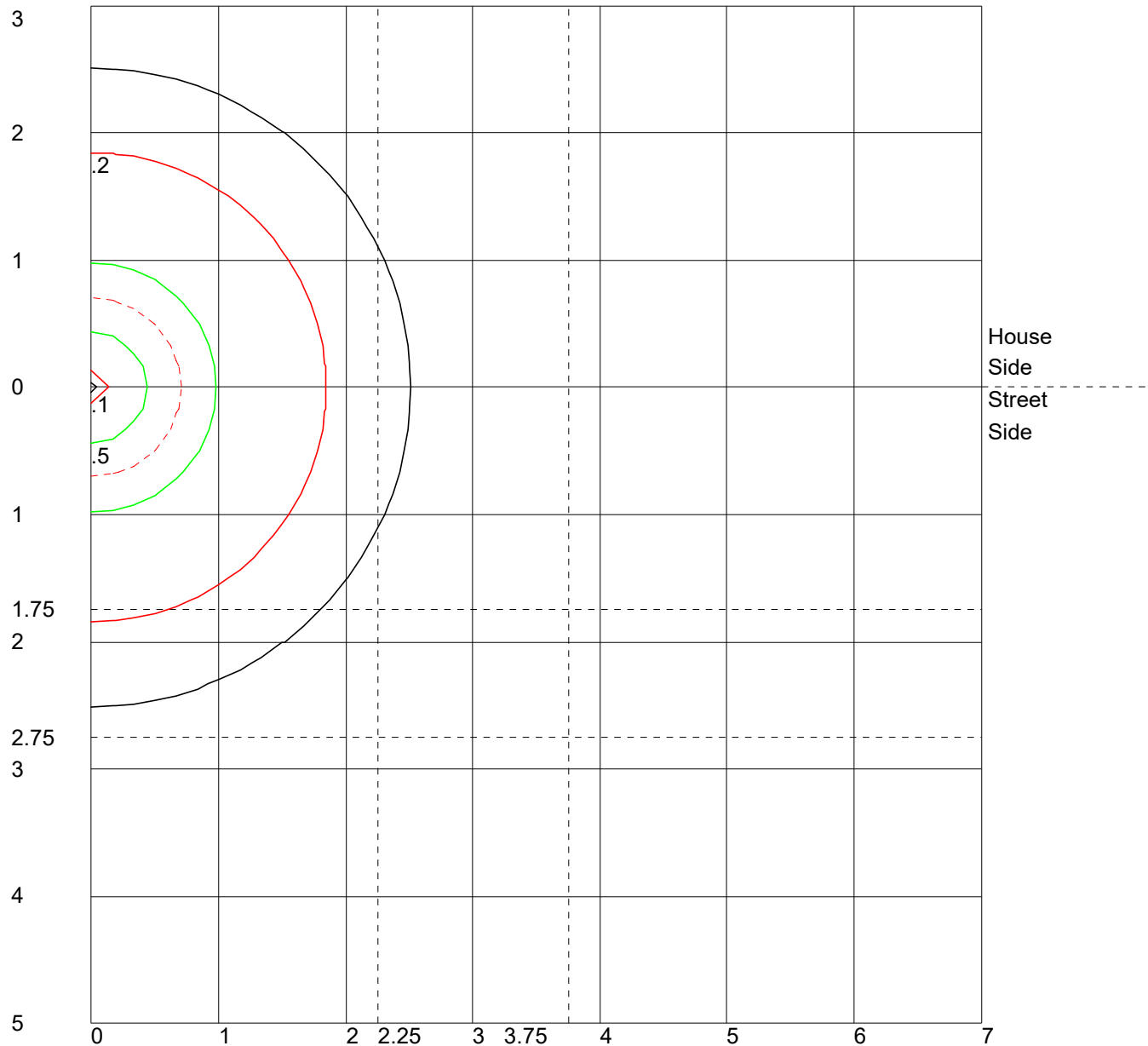
	Lumens	Percent Of Luminaire
Downward Street Side	2025.5	24.9
Downward House Side	2025.5	24.9
Downward Total	4051.0	49.8
Upward Street Side	2044.9	25.1
Upward House Side	2044.9	25.1
Upward Total	4089.8	50.2
Total Flux	8140.8	100.0

POLAR GRAPH



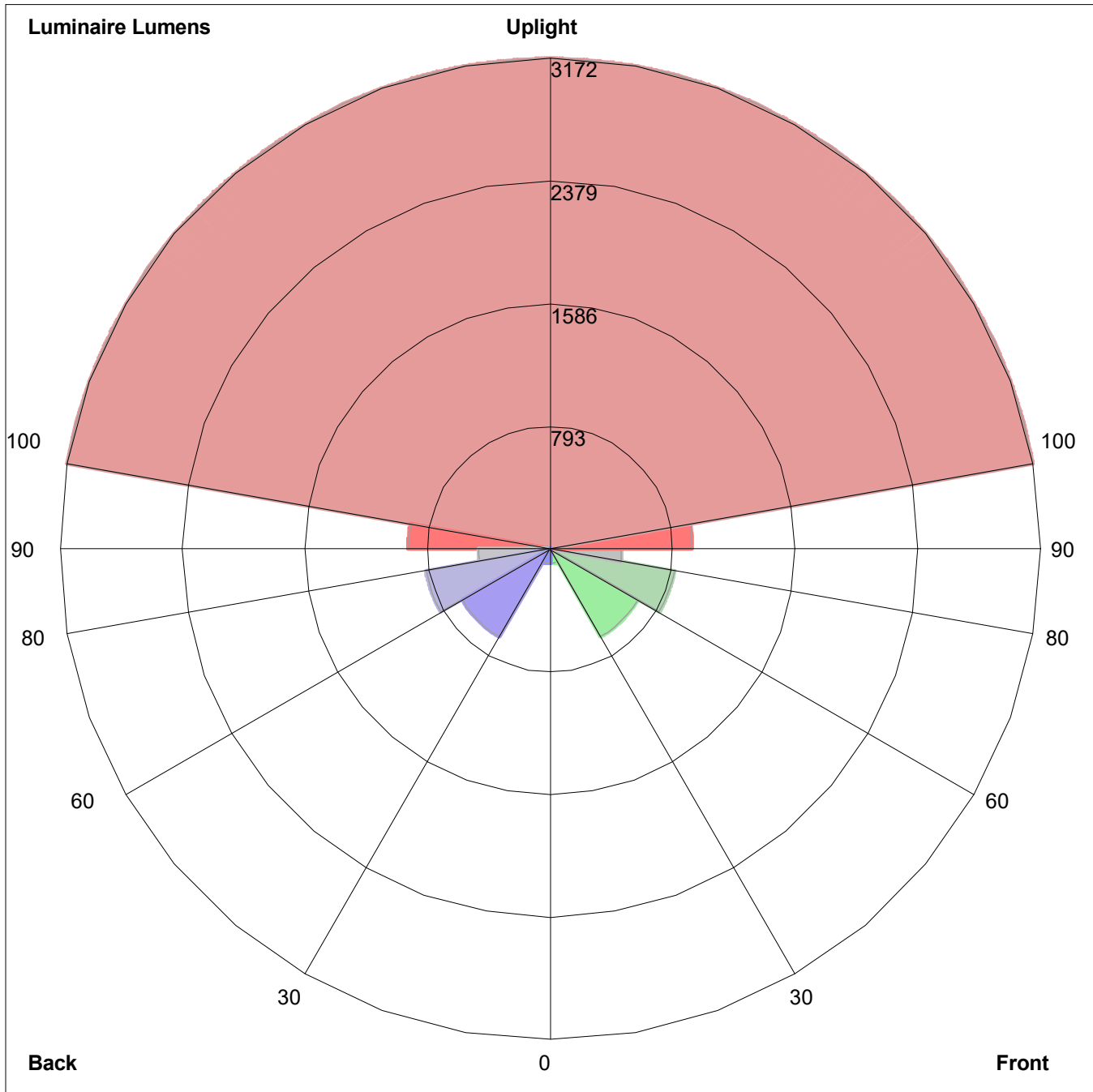
Maximum Candela = 851.725 Located At Horizontal Angle = 360, Vertical Angle = 87.5
1 - Vertical Plane Through Horizontal Angles (360 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (87.5) (Through Max. Cd.)

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=93.5, Medium=653.7, High=814.7, Very High=463.6
 Back: Low=93.5, Medium=653.7, High=814.7, Very High=463.6
 Uplight: Low=917.8, High= 3172.0

BUG Rating : B2-U5-G3