



the evolution of illumination

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-40-22-MO[SCALED].IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] 12914541.01
[TESTLAB] UL Verification Services Inc.
[ISSUEDATE] 6/28/2019
[MANUFAC] Express Imaging Systems LLC dba Evluma
[LUMCAT] OM-40-22-MO
[LUMINAIRE] White plastic housing with diffuse lens
[LAMP] 96 White LEDs
[BALLAST] Integrated
[OTHER] 25.3 C, 277.121 V, 0.154647 A, 40.6868 W, 0.949383 PF, 59.9892
[MORE] Hz
[OTHER] This test was performed using the calibrated photodetector met
[MORE] hod of absolute photometry.

CHARACTERISTICS

Table with 2 columns: Characteristic Name and Value. Includes rows for IES Classification, Longitudinal Classification, Lumens Per Lamp, Total Lamp Lumens, Luminaire Lumens, Downward Total Efficiency, Total Luminaire Efficiency, Luminaire Efficacy Rating (LER), Total Luminaire Watts, Ballast Factor, Upward Waste Light Ratio, Maximum Candela, Maximum Candela Angle, Maximum Candela (<90 Degrees Vertical), Maximum Candela Angle (<90 Degrees Vertical), Maximum Candela At 90 Degrees Vertical, Maximum Candela from 80 to <90 Degrees Vertical, and Cutoff Classification (deprecated).



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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	53.8	N.A.	1.3
FM - Front-Medium (30-60)	341.4	N.A.	8.0
FH - Front-High (60-80)	425.0	N.A.	10.0
FVH - Front-Very High (80-90)	240.7	N.A.	5.7
BL - Back-Low (0-30)	53.8	N.A.	1.3
BM - Back-Medium (30-60)	341.4	N.A.	8.0
BH - Back-High (60-80)	425.0	N.A.	10.0
BVH - Back-Very High (80-90)	240.7	N.A.	5.7
UL - Uplight-Low (90-100)	486.8	N.A.	11.5
UH - Uplight-High (100-180)	1632.8	N.A.	38.5
Total	4241.4	N.A.	100.0
BUG Rating	B1-U5-G3		

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CANDELA TABULATION

Vert. Angles	Horizontal Angles				
	<u>0.0</u>	<u>22.5</u>	<u>45.0</u>	<u>67.5</u>	<u>90.0</u>
0.0	4.874	4.874	4.874	4.874	4.874
0.5	5.096	4.985	5.041	5.096	5.074
1.0	5.085	5.041	5.118	5.130	5.130
1.5	5.130	5.019	5.096	5.130	5.030
2.0	5.118	5.052	5.096	5.130	5.174
2.5	5.130	5.041	5.107	5.130	5.196
3.0	5.118	5.041	5.052	5.163	5.096
3.5	5.118	5.019	5.041	5.185	5.141
4.0	5.130	5.019	5.052	5.130	5.130
4.5	5.141	5.030	5.107	5.152	5.096
5.0	5.318	5.030	5.163	5.141	5.152
5.5	6.828	5.241	5.340	5.707	5.629
6.0	10.481	7.217	7.095	8.261	8.316
6.5	14.567	11.802	11.336	12.524	12.469
7.0	18.231	17.509	17.132	17.232	16.343
7.5	21.873	23.483	22.905	22.261	20.951
8.0	26.369	29.001	28.712	27.924	26.902
8.5	31.987	34.808	34.053	33.275	32.554
9.0	37.783	40.648	39.304	38.216	38.027
9.5	43.912	46.221	43.856	42.813	42.979
10.0	49.541	50.796	47.432	48.009	47.898
10.5	54.748	55.748	51.517	52.839	52.594
11.0	60.222	61.699	57.624	57.291	57.080
11.5	65.940	67.361	64.763	62.365	62.409
12.0	71.358	72.846	70.792	67.739	69.138
12.5	76.221	78.031	75.466	74.012	77.098
13.0	81.317	82.950	80.185	80.129	83.649
13.5	86.047	87.258	84.315	85.170	88.579
14.0	89.589	90.644	87.857	88.501	92.520
14.5	92.087	92.864	90.266	91.099	94.397
15.0	93.586	94.841	93.764	94.352	96.484
15.5	92.909	96.573	98.050	98.827	99.115
16.0	89.900	99.315	101.525	102.890	102.580
16.5	89.078	103.623	105.466	107.376	106.887
17.0	90.888	107.676	111.140	112.250	111.140
17.5	93.941	112.694	115.137	116.802	115.026
18.0	101.214	118.135	118.690	120.133	119.356
18.5	110.374	125.685	122.798	123.464	123.575
19.0	121.688	131.236	127.128	126.795	127.905
19.5	131.680	134.678	131.902	130.126	131.680
20.0	136.565	137.787	136.787	133.790	134.789
20.5	139.896	140.673	140.118	137.343	137.898
21.0	143.338	143.560	143.227	140.785	141.118
21.5	146.558	146.447	146.114	144.226	144.337
22.0	149.556	149.445	149.001	147.668	147.446
22.5	152.665	152.443	151.887	150.777	150.333
23.0	155.551	155.440	154.774	153.664	153.220
23.5	158.438	158.438	157.661	156.551	156.106
24.0	161.325	161.103	160.437	159.548	158.882
24.5	164.212	164.101	163.323	162.435	161.880
25.0	167.098	166.987	166.099	165.211	164.656
25.5	169.985	169.985	168.986	168.098	167.431
26.0	172.983	172.872	171.762	170.984	170.318

IES ROAD REPORT**PHOTOMETRIC FILENAME : OM-40-22-MO[SCALED].IES****CANDELA TABULATION - (Cont.)**

26.5	175.981	175.759	174.648	173.871	173.094
27.0	178.867	178.534	177.535	176.647	175.981
27.5	181.865	181.532	180.422	179.645	178.867
28.0	184.863	184.530	183.420	182.531	181.865
28.5	187.861	187.417	186.306	185.529	184.752
29.0	190.970	190.525	189.526	188.416	187.750
29.5	194.745	193.634	192.413	191.636	190.859
30.0	197.853	196.743	195.411	194.745	193.967
30.5	200.962	199.852	198.519	197.742	196.965
31.0	204.071	202.961	201.961	200.851	200.074
31.5	207.291	206.180	204.959	204.071	203.405
32.0	210.400	209.289	208.179	207.069	206.292
32.5	213.286	212.287	211.066	210.178	209.400
33.0	216.617	215.396	214.286	213.286	212.509
33.5	219.504	218.616	217.394	216.284	215.396
34.0	222.613	221.502	220.392	219.393	218.616
34.5	225.722	224.611	223.612	222.502	221.613
35.0	228.608	227.720	226.610	225.499	224.611
35.5	231.828	230.829	229.830	228.608	227.609
36.0	234.937	234.049	232.827	231.717	230.829
36.5	238.157	237.046	235.936	234.826	233.716
37.0	241.266	240.266	239.045	237.935	236.824
37.5	244.374	243.375	242.154	241.044	239.933
38.0	247.594	246.484	245.152	244.041	242.931
38.5	250.592	249.593	248.149	247.150	245.818
39.0	253.812	252.813	251.258	250.148	248.927
39.5	257.032	255.810	254.478	253.368	252.146
40.0	260.252	259.030	257.587	256.588	255.033
40.5	263.471	262.139	260.696	259.585	258.142
41.0	266.691	265.359	264.026	262.805	261.473
41.5	269.800	268.579	267.135	266.025	264.582
42.0	273.242	271.799	270.355	269.134	267.801
42.5	276.573	275.129	273.575	272.465	271.021
43.0	279.793	278.460	276.906	275.573	274.130
43.5	283.123	281.791	280.237	278.793	277.350
44.0	286.232	285.011	283.457	282.124	280.792
44.5	289.674	288.342	286.676	285.344	283.901
45.0	292.672	291.451	289.896	288.564	287.120
45.5	296.003	294.781	293.116	291.673	290.340
46.0	299.223	298.001	296.336	294.892	293.560
46.5	302.220	301.110	299.445	298.001	296.669
47.0	305.551	304.330	302.776	301.221	299.778
47.5	308.660	307.550	305.884	304.330	302.887
48.0	311.769	310.659	309.104	307.328	305.995
48.5	314.878	313.767	312.213	310.548	309.104
49.0	318.098	316.987	315.211	313.545	312.102
49.5	321.317	320.207	318.320	316.654	315.100
50.0	324.315	323.094	321.428	319.652	317.986
50.5	327.313	326.092	324.537	322.650	320.873
51.0	330.311	329.200	327.424	325.647	323.871
51.5	333.308	332.087	330.311	328.534	326.536
52.0	336.306	335.085	333.197	331.421	329.533
52.5	338.971	337.972	336.084	334.308	332.309
53.0	342.191	340.747	339.082	337.083	335.085
53.5	345.189	343.745	341.858	339.970	337.861
54.0	347.853	346.632	344.633	342.635	340.747

IES ROAD REPORT**PHOTOMETRIC FILENAME : OM-40-22-MO[SCALED].IES****CANDELA TABULATION - (Cont.)**

54.5	350.851	349.408	347.409	345.411	343.412
55.0	353.738	352.294	350.296	348.186	346.299
55.5	356.513	355.070	353.183	350.962	349.186
56.0	359.289	357.846	355.847	353.738	351.850
56.5	362.176	360.733	358.623	356.513	354.515
57.0	364.952	363.286	361.399	359.178	357.180
57.5	367.727	366.062	364.063	361.843	359.844
58.0	370.281	368.727	366.728	364.397	362.398
58.5	373.168	371.280	369.282	366.950	364.841
59.0	375.610	373.945	371.724	369.504	367.394
59.5	378.164	376.499	374.389	372.058	370.059
60.0	380.829	379.052	376.943	374.611	372.502
60.5	383.382	381.606	379.274	376.943	374.944
61.0	385.936	384.160	381.717	379.496	377.165
61.5	388.157	386.491	384.160	381.717	379.496
62.0	390.710	388.823	386.491	384.049	381.828
62.5	393.042	391.154	388.823	386.380	384.160
63.0	395.374	393.375	391.043	388.490	386.491
63.5	397.705	395.485	393.153	390.710	388.601
64.0	399.704	397.816	395.152	392.820	390.710
64.5	401.924	399.815	397.261	394.818	392.598
65.0	403.923	401.702	399.149	396.706	394.929
65.5	405.810	403.701	401.258	398.704	396.817
66.0	407.809	405.810	403.257	400.703	398.815
66.5	409.807	407.809	405.033	402.590	400.592
67.0	411.917	409.585	407.032	404.478	402.590
67.5	413.693	411.473	409.030	406.254	404.256
68.0	415.581	413.138	410.696	407.920	406.365
68.5	417.246	415.026	412.250	409.585	408.031
69.0	418.912	416.691	413.915	411.251	409.585
69.5	420.688	418.245	415.581	412.916	411.251
70.0	422.354	419.911	417.135	414.582	412.916
70.5	423.575	421.465	418.912	415.914	414.248
71.0	425.240	422.798	420.133	417.357	415.803
71.5	426.573	424.241	421.465	418.801	417.246
72.0	428.127	425.684	422.798	420.244	418.579
72.5	429.237	427.017	424.130	421.576	419.911
73.0	430.459	428.349	425.462	422.687	421.132
73.5	431.791	429.459	426.684	423.908	422.243
74.0	433.012	430.681	427.794	424.907	423.464
74.5	434.012	431.680	428.904	426.018	424.574
75.0	435.122	432.679	429.792	427.128	425.462
75.5	436.121	433.790	430.903	428.016	426.351
76.0	437.120	434.678	432.013	429.015	427.239
76.5	438.009	435.677	432.901	429.904	428.238
77.0	438.786	436.454	433.790	430.792	428.904
77.5	439.674	437.342	434.567	431.458	429.904
78.0	440.562	438.120	435.344	432.235	430.459
78.5	441.117	438.897	436.121	432.901	431.347
79.0	442.006	439.674	436.787	433.679	432.235
79.5	442.672	440.340	437.453	434.345	432.790
80.0	443.227	440.673	438.120	434.789	433.123
80.5	443.782	441.562	438.564	435.344	433.679
81.0	444.004	441.895	439.008	435.899	434.123
81.5	444.559	442.117	439.341	436.121	434.678
82.0	444.781	442.561	439.674	436.454	435.011

IES ROAD REPORT**PHOTOMETRIC FILENAME : OM-40-22-MO[SCALED].IES****CANDELA TABULATION - (Cont.)**

82.5	445.003	442.783	439.896	436.787	435.233
83.0	445.337	443.116	440.340	437.009	435.677
83.5	445.559	443.338	440.562	437.342	435.899
84.0	445.781	443.560	440.673	437.565	435.899
84.5	446.003	443.782	441.006	437.676	436.121
85.0	446.336	444.004	441.117	438.009	436.343
85.5	446.447	444.226	441.451	438.231	436.787
86.0	446.558	444.670	441.784	438.342	437.009
86.5	446.780	445.003	442.006	438.675	437.120
87.0	447.224	445.114	442.228	439.008	437.342
87.5	447.446	445.448	442.450	439.341	437.565
88.0	447.890	445.670	442.783	439.563	437.898
88.5	448.334	445.892	443.116	439.785	438.453
89.0	448.334	446.336	443.338	440.007	438.675
89.5	448.778	446.669	443.671	440.451	438.897
90.0	449.223	447.002	444.115	440.895	439.230
90.5	449.556	447.335	444.448	441.117	439.674
91.0	449.889	447.668	444.892	441.562	440.007
91.5	450.333	448.001	445.114	441.895	440.340
92.0	450.666	448.556	445.337	442.228	440.784
92.5	450.888	448.889	445.670	442.450	441.117
93.0	451.332	449.223	445.892	442.672	441.339
93.5	451.665	449.445	446.114	443.005	441.673
94.0	451.887	449.445	446.447	443.338	441.784
94.5	451.887	449.667	446.558	443.338	442.006
95.0	451.998	449.889	446.558	443.449	442.117
95.5	452.220	450.000	446.780	443.560	442.228
96.0	452.331	450.111	446.780	443.449	442.228
96.5	452.109	450.222	446.669	443.560	442.228
97.0	452.109	450.222	446.780	443.671	442.228
97.5	452.109	450.111	446.669	443.560	442.228
98.0	452.220	450.000	446.558	443.449	442.006
98.5	452.109	449.889	446.336	443.338	441.784
99.0	451.887	449.667	446.114	443.005	441.562
99.5	451.665	449.334	445.781	442.783	441.117
100.0	451.221	449.112	445.448	442.228	440.895
100.5	450.777	448.667	445.114	441.895	440.340
101.0	450.333	448.112	444.670	441.451	439.896
101.5	449.778	447.557	443.893	440.895	439.341
102.0	449.334	446.891	443.338	440.229	438.786
102.5	448.556	446.225	442.561	439.563	438.120
103.0	447.779	445.337	441.895	438.786	437.342
103.5	446.891	444.559	441.006	437.898	436.454
104.0	445.781	443.560	440.007	436.787	435.344
104.5	444.781	442.450	438.897	435.788	434.456
105.0	443.671	441.339	437.787	434.678	433.234
105.5	442.339	440.229	436.565	433.567	432.235
106.0	441.006	438.786	435.344	432.235	430.903
106.5	439.785	437.565	434.012	431.014	429.570
107.0	438.342	436.121	432.679	429.570	428.127
107.5	436.676	434.789	431.236	427.905	426.795
108.0	435.122	433.123	429.459	426.351	425.018
108.5	433.567	431.458	427.794	424.907	423.575
109.0	431.791	429.792	426.240	423.131	421.798
109.5	429.904	428.016	424.463	421.354	420.133
110.0	428.127	426.129	422.687	419.578	418.468

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110.5	426.240	424.241	420.799	417.801	416.469
111.0	424.130	422.354	418.801	415.692	414.693
111.5	422.020	420.133	416.802	413.804	412.805
112.0	419.911	418.357	414.804	411.806	410.585
112.5	417.912	416.136	412.694	409.807	408.475
113.0	415.914	413.915	410.585	407.587	406.587
113.5	413.804	411.806	408.586	405.588	404.478
114.0	411.473	409.585	406.365	403.479	402.257
114.5	409.141	407.254	404.145	401.147	399.926
115.0	406.810	405.033	401.813	398.926	397.816
115.5	404.478	402.701	399.593	396.706	395.485
116.0	402.035	400.259	397.261	394.374	393.042
116.5	399.704	397.927	395.040	392.154	390.821
117.0	397.261	395.485	392.598	389.711	388.490
117.5	394.707	393.042	390.266	387.157	386.158
118.0	392.154	390.599	387.713	384.826	383.716
118.5	389.600	388.046	385.381	382.383	381.162
119.0	387.046	385.603	382.827	380.052	378.830
119.5	384.493	383.049	380.385	377.609	376.388
120.0	381.828	380.496	377.942	375.055	373.834
120.5	379.052	377.942	375.499	372.502	371.280
121.0	376.499	375.388	372.835	369.948	368.727
121.5	373.834	372.613	370.170	367.394	366.173
122.0	371.169	370.059	367.616	364.841	363.619
122.5	368.283	367.394	364.952	362.065	360.733
123.0	365.507	364.397	362.065	359.400	358.179
123.5	362.842	361.621	359.400	356.625	355.292
124.0	359.733	358.845	356.513	353.738	352.627
124.5	356.958	355.847	353.627	350.962	349.630
125.0	353.960	352.850	350.740	348.075	346.854
125.5	351.073	349.852	347.742	345.189	343.967
126.0	347.964	346.854	344.855	342.302	341.192
126.5	344.966	343.856	341.747	339.304	338.083
127.0	341.747	340.747	338.749	336.195	335.085
127.5	338.749	337.639	335.640	333.197	332.087
128.0	335.640	334.419	332.642	330.089	329.200
128.5	332.531	331.310	329.533	326.980	325.981
129.0	329.311	328.312	326.425	323.871	322.983
129.5	326.092	325.203	323.205	320.873	319.985
130.0	322.983	321.984	319.985	317.653	316.654
130.5	319.652	318.764	316.876	314.545	313.545
131.0	316.432	315.544	313.767	311.436	310.437
131.5	313.323	312.324	310.548	308.327	307.439
132.0	309.992	309.104	307.439	305.218	304.441
132.5	306.884	305.995	304.219	302.109	301.221
133.0	303.664	302.776	300.999	298.779	298.001
133.5	300.444	299.445	297.779	295.670	294.781
134.0	297.113	296.114	294.448	292.450	291.784
134.5	293.782	292.894	291.229	289.230	288.342
135.0	290.562	289.563	287.898	286.010	285.122
135.5	287.343	286.343	284.567	282.790	281.791
136.0	284.123	282.901	281.236	279.571	278.460
136.5	280.570	279.571	277.905	276.240	275.240
137.0	277.239	276.351	274.685	272.909	271.910
137.5	273.908	272.909	271.243	269.578	268.690
138.0	270.577	269.356	267.690	266.247	265.248

IES ROAD REPORT**PHOTOMETRIC FILENAME : OM-40-22-MO[SCALED].IES****CANDELA TABULATION - (Cont.)**

138.5	267.135	265.914	264.360	262.916	261.806
139.0	263.693	262.472	260.918	259.585	258.475
139.5	260.140	258.919	257.476	256.143	255.144
140.0	256.810	255.477	254.034	252.591	251.702
140.5	253.146	251.924	250.481	249.260	248.260
141.0	249.704	248.482	247.150	245.818	244.930
141.5	246.373	244.930	243.486	242.154	241.488
142.0	242.820	241.266	239.933	238.712	237.935
142.5	239.267	237.824	236.380	235.270	234.493
143.0	235.603	234.160	232.938	231.717	230.940
143.5	232.161	230.607	229.386	228.164	227.498
144.0	228.608	226.943	225.833	224.722	223.945
144.5	225.166	223.390	222.280	221.169	220.503
145.0	221.613	219.726	218.616	217.727	216.950
145.5	217.950	216.062	215.063	214.064	213.397
146.0	214.397	212.509	211.510	210.511	209.955
146.5	210.844	208.956	208.068	206.958	206.180
147.0	207.402	205.403	204.404	203.516	202.628
147.5	203.516	201.739	200.851	199.963	199.186
148.0	199.852	198.186	197.187	196.410	195.633
148.5	196.188	194.411	193.523	192.857	192.080
149.0	192.635	190.970	189.748	189.193	188.416
149.5	188.860	187.195	186.084	185.640	184.752
150.0	185.085	183.642	182.309	181.976	181.199
150.5	181.310	179.978	178.534	178.312	177.535
151.0	177.646	176.203	174.870	174.648	173.982
151.5	173.871	172.539	171.095	170.984	170.318
152.0	169.985	168.875	167.320	167.320	166.654
152.5	166.210	165.211	163.656	163.656	162.990
153.0	162.435	161.658	159.881	159.881	159.215
153.5	158.660	157.994	155.995	156.218	155.440
154.0	154.885	154.330	152.220	152.332	151.665
154.5	151.221	150.555	148.446	148.446	147.890
155.0	147.446	146.891	144.671	144.671	144.226
155.5	143.671	143.227	141.007	140.896	140.340
156.0	140.007	139.563	137.343	137.010	136.676
156.5	136.232	135.899	133.679	133.346	132.901
157.0	132.679	132.235	130.126	129.571	129.015
157.5	129.015	128.682	126.573	125.907	125.240
158.0	125.463	125.129	123.020	122.243	121.577
158.5	121.910	121.577	119.578	118.690	117.913
159.0	118.468	118.135	116.136	115.137	114.360
159.5	115.026	114.693	112.805	111.695	110.840
160.0	111.584	111.251	109.441	108.331	107.431
160.5	108.153	107.842	106.221	105.067	104.101
161.0	104.833	104.456	103.024	101.847	100.914
161.5	101.547	101.236	99.882	98.738	97.850
162.0	98.272	97.983	96.817	95.662	94.807
162.5	95.007	94.785	93.797	92.687	91.965
163.0	91.776	91.710	90.799	89.767	89.112
163.5	88.634	88.568	87.946	86.936	86.247
164.0	85.448	85.570	85.081	84.093	83.527
164.5	82.372	82.594	82.261	81.451	80.907
165.0	79.397	79.763	79.463	78.775	78.275
165.5	76.421	76.854	76.610	76.088	75.755
166.0	73.590	74.001	73.834	73.457	73.268

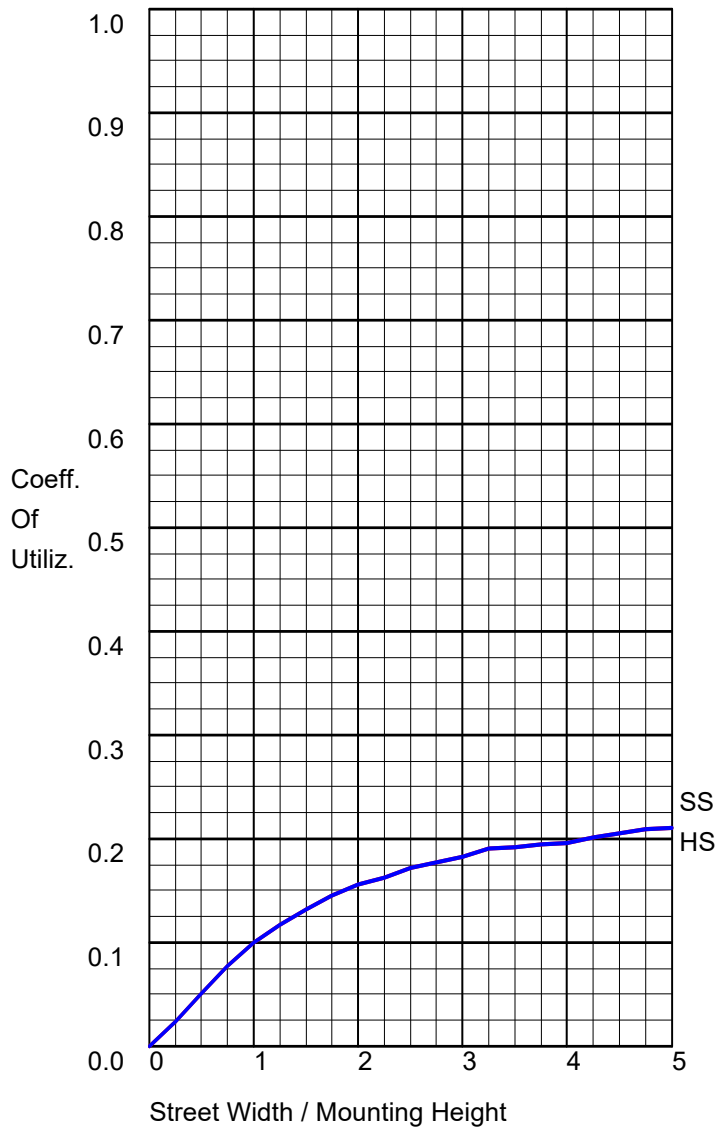
IES ROAD REPORT

PHOTOMETRIC FILENAME : OM-40-22-MO[SCALED].IES

CANDELA TABULATION - (Cont.)

166.5	70.736	71.192	71.136	70.803	70.725
167.0	67.983	68.460	68.471	68.261	68.205
167.5	65.274	65.729	65.807	65.651	65.651
168.0	62.620	63.120	63.275	63.042	63.087
168.5	59.967	60.444	60.633	60.477	60.644
169.0	57.346	57.824	58.079	58.013	58.135
169.5	54.771	55.192	55.470	55.492	55.637
170.0	52.184	52.639	52.961	52.972	53.116
170.5	49.685	50.096	50.440	50.463	50.596
171.0	47.176	47.565	47.920	47.942	48.020
171.5	44.745	45.033	45.400	45.444	45.422
172.0	42.246	42.457	42.902	42.935	42.802
172.5	39.804	39.937	40.370	40.370	40.159
173.0	37.372	37.406	37.816	37.728	37.483
173.5	34.874	34.963	35.318	35.141	34.985
174.0	32.376	32.598	32.842	32.543	32.409
174.5	29.845	30.222	30.411	30.055	29.889
175.0	27.413	27.846	28.013	27.713	27.491
175.5	25.059	25.503	25.659	25.481	25.226
176.0	22.783	23.216	23.416	23.338	23.172
176.5	20.696	21.007	21.273	21.295	21.229
177.0	18.586	18.908	19.186	19.308	19.375
177.5	16.577	16.887	17.187	17.409	17.543
178.0	14.689	15.056	15.322	15.644	15.811
178.5	12.868	13.590	13.734	14.090	14.234
179.0	11.303	12.524	12.568	12.868	12.935
179.5	10.403	11.969	11.880	12.135	12.169
180.0	11.625	11.625	11.625	11.625	11.625

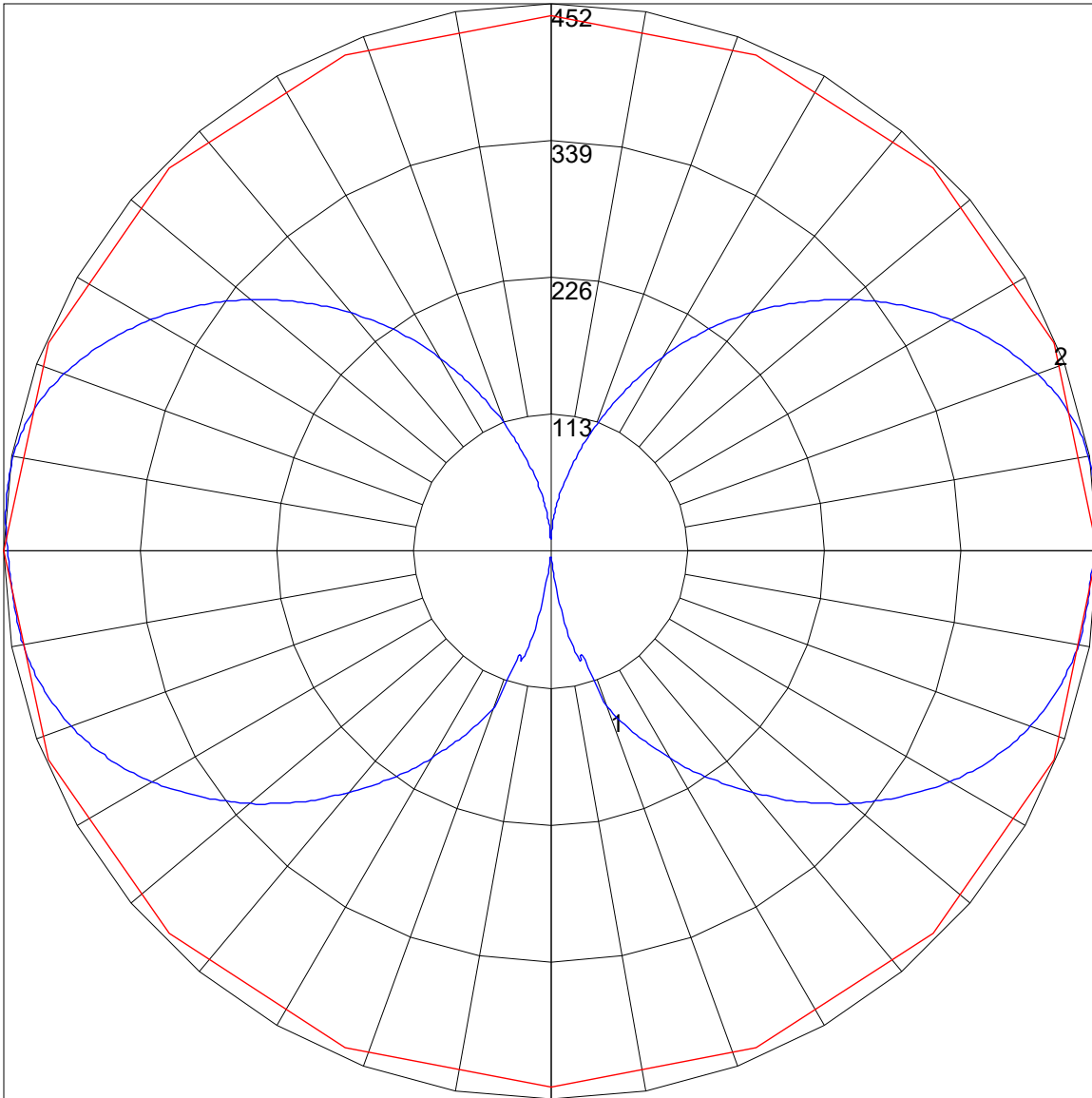
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

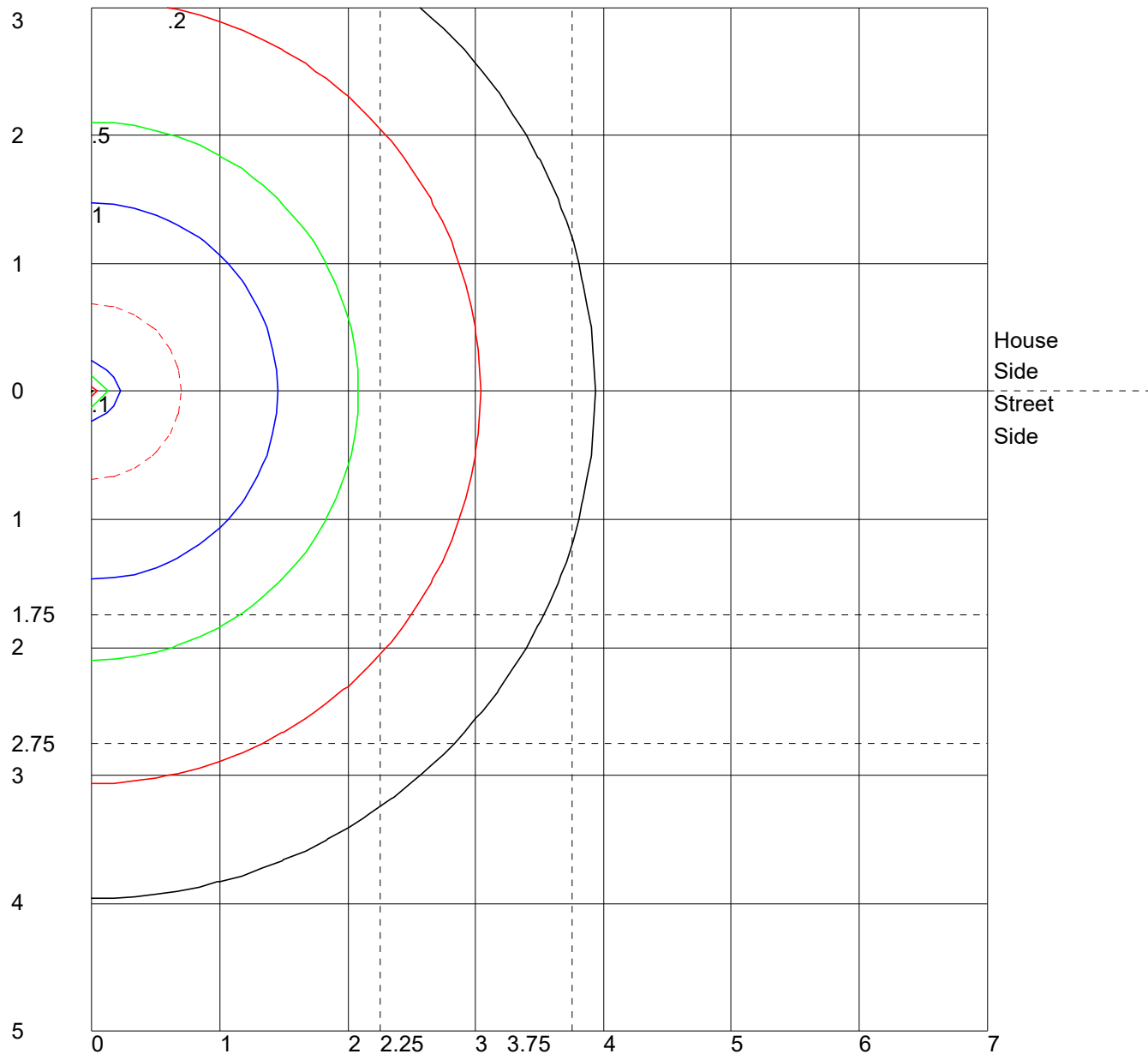
	Lumens	Percent Of Luminaire
Downward Street Side	1060.9	25.0
Downward House Side	1060.9	25.0
Downward Total	2121.8	50.0
Upward Street Side	1059.8	25.0
Upward House Side	1059.8	25.0
Upward Total	2119.6	50.0
Total Flux	4241.4	100.0

POLAR GRAPH



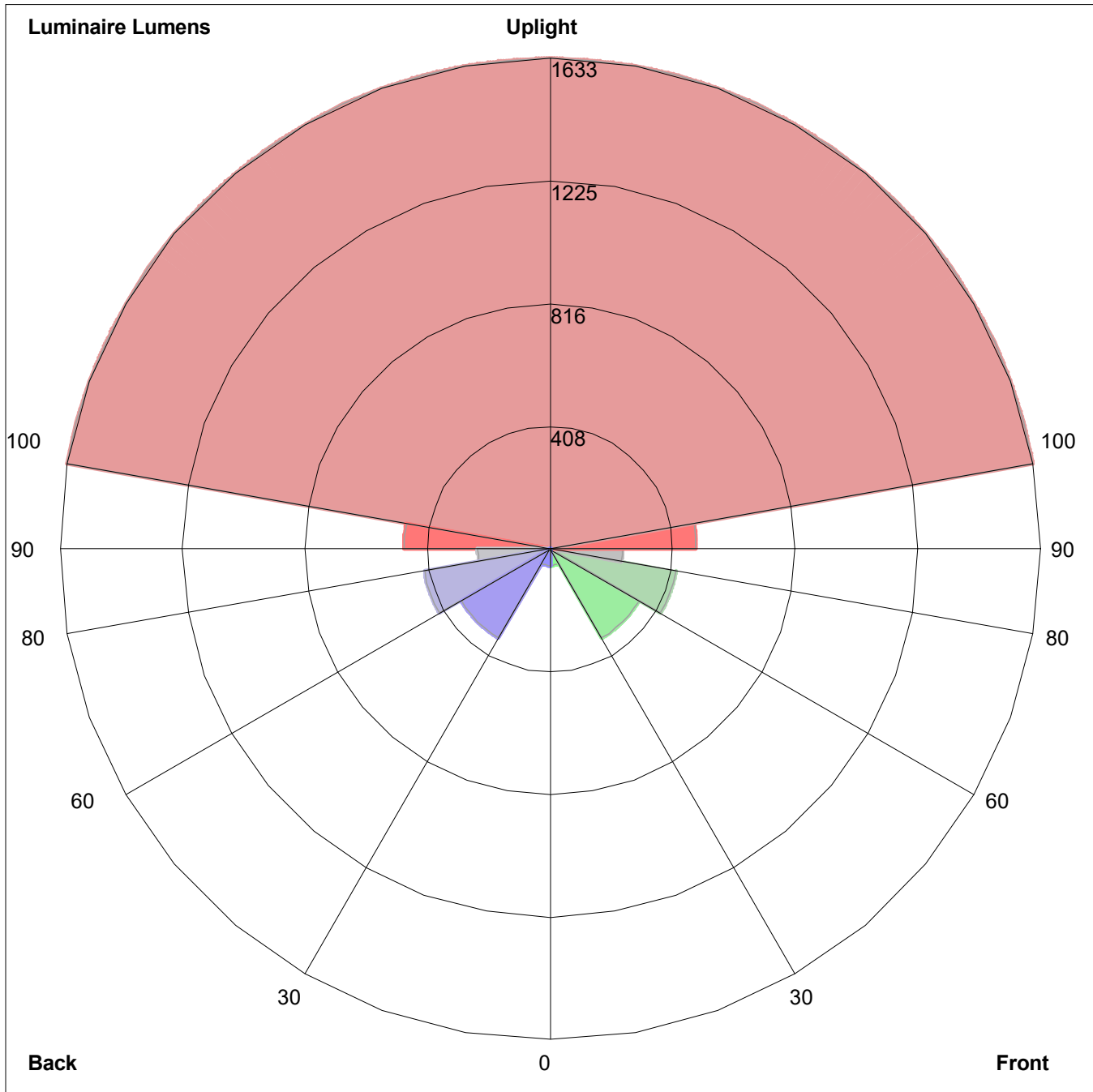
Maximum Candela = 452.331 Located At Horizontal Angle = 0, Vertical Angle = 96
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (96) (Through Max. Cd.)

ISOFOOTCANDLE LINES OF HORIZONTAL ILLUMINANCE



Distance In Units Of Mounting Height
 Values Based On 8 Foot Mounting Height
 1/2 Maximum Candela Trace Shown As Dashed Curve
 (+) = Maximum Candela Point

LUMINAIRE CLASSIFICATION SYSTEM (LCS) GRAPH



Luminaire Lumens:
Front: Low=53.8, Medium=341.4, High=425.0, Very High=240.7
Back: Low=53.8, Medium=341.4, High=425.0, Very High=240.7
Uplight: Low=486.8, High=1632.8

BUG Rating : B1-U5-G3