



the evolution of illumination

IES ROAD REPORT

PHOTOMETRIC FILENAME : OM-40-4K-[SCALED].IES

DESCRIPTIVE INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] 12914541.02

[TESTLAB] UL Verification Services Inc.

[ISSUEDATE] 6/28/2019

[MANUFAC] Express Imaging Systems LLC dba Evluma

[LUMCAT] OM-40-4K-MO

[LUMINAIRE] White plastic housing with diffuse lens

[LAMP] 96 White LEDs

[BALLAST] Integrated

[OTHER] 24.3 C, 120.062 V, 0.329144 A, 39.3705 W, 0.996276 PF, 59.9891

[MORE] Hz

[OTHER] This test was performed using the calibrated photodetector met

[MORE] hod of absolute photometry.

CHARACTERISTICS

IES Classification	N.A.
Longitudinal Classification	N.A.
Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	5699
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	145
Total Luminaire Watts	39.3705
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	614.13
Maximum Candela Angle	0H 97V
Maximum Candela (<90 Degrees Vertical)	607.882
Maximum Candela Angle (<90 Degrees Vertical)	0H 89.5V
Maximum Candela At 90 Degrees Vertical	608.477 (10.7% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	607.882 (10.7% Luminaire Lumens)
Cutoff Classification (deprecated)	N.A. (absolute)



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LUMINAIRE CLASSIFICATION SYSTEM (LCS)

	Lumens	% Lamp	% Luminaire
FL - Front-Low (0-30)	72.8	N.A.	1.3
FM - Front-Medium (30-60)	455.6	N.A.	8.0
FH - Front-High (60-80)	566.1	N.A.	9.9
FVH - Front-Very High (80-90)	321.5	N.A.	5.6
BL - Back-Low (0-30)	72.8	N.A.	1.3
BM - Back-Medium (30-60)	455.6	N.A.	8.0
BH - Back-High (60-80)	566.1	N.A.	9.9
BVH - Back-Very High (80-90)	321.5	N.A.	5.6
UL - Uplight-Low (90-100)	653.5	N.A.	11.5
UH - Uplight-High (100-180)	2212.9	N.A.	38.8
Total	5698.4	N.A.	100.0
BUG Rating	B2-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	6.715	6.715	6.715	6.715	6.715
0.5	6.972	6.744	6.824	6.863	6.953
1.0	6.982	6.784	6.853	6.953	6.963
1.5	6.943	6.764	6.834	6.913	6.992
2.0	6.992	6.804	6.834	6.903	7.022
2.5	7.002	6.794	6.883	6.933	6.992
3.0	6.953	6.734	6.913	6.972	6.992
3.5	6.972	6.764	6.893	6.982	6.943
4.0	7.012	6.784	6.863	6.982	6.913
4.5	7.042	6.794	6.873	6.963	7.012
5.0	7.042	6.853	6.873	6.963	7.062
5.5	7.101	7.072	6.953	7.042	7.091
6.0	8.797	9.234	8.500	8.341	8.936
6.5	14.580	15.829	15.056	14.371	15.690
7.0	24.349	26.719	26.779	25.341	26.243
7.5	34.386	36.905	38.343	37.153	37.252
8.0	45.028	45.901	47.617	46.585	46.575
8.5	53.726	54.619	55.908	54.064	53.102
9.0	61.125	63.813	63.416	60.560	57.733
9.5	68.584	73.007	70.805	67.324	62.782
10.0	76.598	81.190	77.044	75.655	71.004
10.5	84.254	87.696	82.886	84.869	81.993
11.0	91.643	93.429	88.331	93.012	90.939
11.5	97.217	98.041	92.863	98.219	96.960
12.0	102.157	101.462	98.328	101.661	101.165
12.5	104.339	105.033	103.744	104.934	104.636
13.0	107.215	109.000	108.703	111.678	111.480
13.5	111.678	114.257	117.827	121.398	120.902
14.0	117.629	121.398	124.274	126.456	126.654
14.5	117.431	125.365	126.952	124.770	123.481
15.0	120.704	128.539	125.563	124.770	123.580
15.5	121.993	129.332	127.646	128.737	128.340
16.0	126.853	137.763	137.267	142.325	142.424
16.5	139.548	141.631	147.582	151.053	150.855
17.0	150.954	152.541	155.219	156.706	156.210
17.5	162.955	159.384	160.574	161.566	160.872
18.0	168.410	164.740	165.633	165.831	165.236
18.5	172.774	169.699	170.096	169.897	169.600
19.0	177.435	174.162	174.559	174.261	173.666
19.5	181.898	178.824	178.923	178.526	178.129
20.0	185.965	183.287	183.088	182.493	182.097
20.5	190.031	187.452	187.254	186.461	185.866
21.0	193.899	191.717	191.122	190.130	189.634
21.5	197.767	195.982	195.089	193.800	193.304
22.0	201.635	200.048	198.858	197.371	196.974
22.5	205.503	204.214	202.726	200.941	200.544
23.0	209.272	208.082	206.396	204.512	204.214
23.5	213.240	211.950	210.165	208.281	207.785
24.0	217.008	215.719	213.934	211.950	211.553
24.5	220.976	219.686	217.703	215.620	215.124
25.0	224.745	223.554	221.472	219.290	218.794
25.5	228.613	227.522	225.241	223.059	222.563
26.0	232.481	231.489	229.009	226.827	226.331

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CANDELA TABULATION - (Cont.)

26.5	236.250	235.456	232.778	230.596	230.100
27.0	240.316	239.324	236.746	234.464	233.770
27.5	244.382	243.391	240.514	238.332	237.638
28.0	248.251	247.358	244.482	242.101	241.506
28.5	252.416	251.325	248.449	246.069	245.374
29.0	256.383	255.392	252.515	249.937	249.441
29.5	260.549	259.557	256.582	253.904	253.210
30.0	264.814	263.624	260.648	257.871	257.177
30.5	269.079	267.789	264.715	261.938	261.045
31.0	273.145	271.955	268.880	265.806	265.111
31.5	277.211	276.120	272.947	269.872	269.178
32.0	281.476	280.286	277.112	273.839	273.244
32.5	285.543	284.352	281.179	278.005	277.311
33.0	289.807	288.617	285.344	282.071	281.278
33.5	293.874	292.882	289.510	286.039	285.443
34.0	298.040	297.048	293.775	290.204	289.411
34.5	302.106	301.213	297.841	294.370	293.576
35.0	306.371	305.577	302.007	298.535	297.742
35.5	310.636	309.743	306.172	302.701	302.007
36.0	314.900	314.008	310.338	306.767	306.073
36.5	319.264	318.372	314.603	310.933	310.140
37.0	323.628	322.537	318.669	314.999	314.206
37.5	327.992	326.901	322.934	319.165	318.372
38.0	332.356	331.067	327.000	323.430	322.537
38.5	336.720	335.332	331.067	327.397	326.604
39.0	341.084	339.596	335.332	331.662	330.769
39.5	345.448	343.861	339.596	335.828	334.737
40.0	349.911	348.126	343.861	339.894	339.001
40.5	354.374	352.391	348.126	344.159	343.266
41.0	358.937	356.755	352.490	348.324	347.333
41.5	363.301	361.119	356.854	352.589	351.697
42.0	367.764	365.483	361.119	356.755	355.862
42.5	372.227	369.946	365.483	361.119	360.226
43.0	376.789	374.310	369.748	365.384	364.491
43.5	381.153	378.674	374.211	369.748	368.657
44.0	385.716	383.137	378.475	374.012	372.723
44.5	390.080	387.402	382.839	378.475	376.988
45.0	394.344	391.766	387.104	382.641	381.253
45.5	398.708	396.229	391.468	386.807	385.617
46.0	402.973	400.593	395.733	390.972	389.782
46.5	407.337	404.758	399.998	395.237	393.849
47.0	411.800	409.122	404.263	399.403	398.113
47.5	416.065	413.288	408.428	403.667	402.081
48.0	420.231	417.454	412.495	407.734	406.246
48.5	424.595	421.818	416.759	411.900	410.412
49.0	428.860	425.983	420.925	415.966	414.379
49.5	433.124	430.050	424.793	420.032	418.346
50.0	437.389	434.314	428.860	423.900	422.413
50.5	441.654	438.282	432.827	427.868	426.182
51.0	445.720	442.249	436.695	431.736	430.248
51.5	449.688	446.117	440.563	435.604	433.918
52.0	453.853	450.084	444.431	439.373	437.687
52.5	457.721	454.052	448.200	443.142	441.356
53.0	461.887	457.820	451.969	446.712	445.125
53.5	465.557	461.688	455.738	450.481	448.894
54.0	469.623	465.557	459.506	454.250	452.564

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CANDELA TABULATION - (Cont.)

54.5	473.392	469.325	463.176	457.820	456.234
55.0	477.161	473.094	466.846	461.490	459.705
55.5	481.029	476.764	470.615	465.259	463.375
56.0	484.699	480.533	474.185	468.730	466.945
56.5	488.368	484.302	477.756	472.301	470.516
57.0	492.435	487.971	481.426	475.871	474.086
57.5	495.807	491.443	484.996	479.244	477.458
58.0	499.278	494.914	488.467	482.814	480.731
58.5	502.749	498.485	491.840	486.186	484.203
59.0	506.419	501.857	495.311	489.459	487.476
59.5	509.593	505.229	498.683	492.931	490.649
60.0	513.164	508.601	502.055	496.005	493.823
60.5	516.437	511.874	505.229	499.179	497.096
61.0	519.709	515.246	508.502	502.353	500.270
61.5	522.883	518.519	511.775	505.527	503.345
62.0	526.057	521.594	514.651	508.601	506.320
62.5	529.231	524.768	517.825	511.577	509.295
63.0	532.305	527.842	520.701	514.453	512.073
63.5	535.281	530.619	523.578	517.329	514.949
64.0	538.058	533.496	526.355	520.007	517.527
64.5	540.835	536.273	529.033	522.685	520.305
65.0	543.711	538.951	531.810	525.462	522.883
65.5	546.191	541.430	534.388	527.942	525.363
66.0	548.968	544.108	536.868	530.520	527.942
66.5	551.447	546.588	539.347	532.901	530.322
67.0	554.026	549.067	541.827	535.479	532.801
67.5	556.407	551.447	544.207	537.661	535.083
68.0	558.787	553.629	546.588	540.042	537.364
68.5	560.870	555.911	548.869	542.124	539.347
69.0	563.250	558.093	550.952	544.406	541.430
69.5	565.234	560.175	553.134	546.389	543.612
70.0	567.217	562.258	555.216	548.571	545.596
70.5	569.201	564.143	557.002	550.456	547.579
71.0	571.185	565.928	558.886	552.340	549.265
71.5	572.970	567.812	560.870	554.026	550.952
72.0	574.656	569.498	562.655	555.712	552.737
72.5	576.540	571.284	564.242	557.398	554.324
73.0	578.226	572.970	566.027	559.184	556.010
73.5	579.813	574.458	567.614	560.671	557.696
74.0	581.400	575.945	569.003	562.060	559.084
74.5	582.888	577.433	570.391	563.448	560.374
75.0	584.276	579.020	571.978	564.837	561.861
75.5	585.764	580.210	573.168	566.126	563.151
76.0	587.153	581.599	574.557	567.515	564.440
76.5	588.343	582.888	575.747	568.507	565.630
77.0	589.731	583.979	576.838	569.796	566.821
77.5	590.922	585.268	578.028	570.887	568.011
78.0	591.913	586.359	579.218	572.077	569.102
78.5	593.104	587.450	580.210	573.168	570.292
79.0	594.095	588.442	581.301	574.259	571.085
79.5	595.286	589.335	582.094	575.152	571.879
80.0	596.178	590.326	583.086	576.044	572.871
80.5	596.872	591.120	583.979	576.838	573.664
81.0	597.666	591.715	584.574	577.532	574.557
81.5	598.261	592.508	585.070	578.127	575.152
82.0	598.856	593.004	585.665	578.722	575.747

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CANDELA TABULATION - (Cont.)

82.5	599.451	593.699	586.161	579.417	576.243
83.0	599.947	594.294	586.855	579.912	576.838
83.5	600.542	594.690	587.351	580.210	577.334
84.0	601.038	595.186	587.748	580.805	577.929
84.5	601.633	595.682	588.244	581.202	578.226
85.0	602.129	596.377	588.740	581.698	578.722
85.5	602.724	596.872	589.335	582.293	579.317
86.0	603.418	597.468	589.831	582.789	579.813
86.5	603.716	597.864	590.326	583.285	580.408
87.0	604.509	598.459	590.922	583.781	580.805
87.5	605.104	599.054	591.417	584.376	581.599
88.0	605.898	599.749	592.112	584.971	582.194
88.5	606.493	600.443	592.508	585.566	582.789
89.0	606.989	600.939	593.203	586.062	583.285
89.5	607.882	601.633	593.798	586.756	583.979
90.0	608.477	602.427	594.591	587.549	584.475
90.5	609.270	603.121	595.186	588.244	585.070
91.0	609.865	603.716	595.781	588.740	585.764
91.5	610.460	604.311	596.476	589.434	586.161
92.0	611.155	604.906	596.872	590.029	586.855
92.5	611.650	605.402	597.468	590.426	587.351
93.0	612.246	605.898	597.963	590.822	587.748
93.5	612.642	606.295	598.261	591.120	588.045
94.0	613.039	606.691	598.658	591.517	588.442
94.5	613.237	606.890	598.955	591.616	588.740
95.0	613.733	607.286	599.154	591.913	588.839
95.5	613.733	607.386	599.451	592.112	589.136
96.0	613.932	607.485	599.451	592.310	589.335
96.5	614.130	607.683	599.352	592.310	589.335
97.0	614.130	607.683	599.451	592.310	589.434
97.5	613.932	607.584	599.352	592.211	589.136
98.0	613.932	607.584	599.253	592.013	588.938
98.5	613.733	607.386	599.154	591.814	588.938
99.0	613.337	607.088	598.757	591.616	588.541
99.5	613.039	606.691	598.360	591.318	588.145
100.0	612.543	606.295	597.963	590.723	587.649
100.5	611.849	605.799	597.269	590.029	586.954
101.0	611.254	605.104	596.773	589.434	586.458
101.5	610.559	604.410	596.079	588.640	585.665
102.0	609.667	603.518	595.286	587.946	584.872
102.5	608.774	602.526	594.294	586.954	584.078
103.0	607.584	601.633	593.302	585.963	582.888
103.5	606.295	600.344	592.013	584.673	581.797
104.0	605.104	599.054	590.723	583.384	580.607
104.5	603.518	597.567	589.335	582.094	579.119
105.0	601.732	595.980	587.847	580.508	577.631
105.5	600.245	594.492	586.260	578.921	576.044
106.0	598.658	592.707	584.673	577.334	574.458
106.5	596.674	590.922	582.888	575.648	572.672
107.0	594.790	589.136	581.003	573.763	570.986
107.5	592.707	586.954	579.020	571.879	568.903
108.0	590.426	585.070	577.036	569.796	566.920
108.5	588.244	582.789	574.854	567.713	564.837
109.0	586.062	580.607	572.771	565.531	562.655
109.5	583.681	578.326	570.391	563.349	560.175
110.0	581.202	575.945	568.011	560.969	557.894

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CANDELA TABULATION - (Cont.)

110.5	578.821	573.367	565.730	558.688	555.316
111.0	576.144	570.887	563.052	556.307	553.134
111.5	573.565	568.407	560.572	553.927	550.654
112.0	570.887	565.630	557.993	551.249	548.075
112.5	568.110	562.952	555.316	548.571	545.397
113.0	565.531	560.275	552.638	545.993	542.521
113.5	562.457	557.597	549.960	543.414	539.942
114.0	559.680	554.820	547.083	540.538	537.364
114.5	556.803	551.844	544.306	537.860	534.587
115.0	553.629	548.968	541.430	535.083	531.710
115.5	550.852	545.993	538.455	532.107	528.834
116.0	547.679	543.017	535.578	529.033	526.057
116.5	544.505	540.042	532.702	526.156	523.181
117.0	541.629	536.967	529.628	523.379	520.106
117.5	538.256	533.694	526.553	520.106	517.032
118.0	535.281	530.619	523.478	517.131	514.155
118.5	531.909	527.446	520.305	513.858	510.982
119.0	528.735	524.272	517.230	510.882	507.907
119.5	525.561	520.999	514.056	507.709	504.634
120.0	522.189	517.627	510.783	504.436	501.659
120.5	518.916	514.453	507.510	501.163	498.187
121.0	515.445	511.081	504.138	497.890	494.914
121.5	511.973	507.609	500.766	494.617	491.641
122.0	508.502	504.138	497.394	491.046	488.269
122.5	505.031	500.568	493.922	487.674	484.699
123.0	501.361	496.997	490.153	484.103	481.227
123.5	497.691	493.228	486.583	480.434	477.657
124.0	493.922	489.558	483.012	476.863	473.888
124.5	489.856	485.790	479.144	473.094	470.416
125.0	485.988	481.921	475.375	469.325	466.747
125.5	482.021	477.954	471.408	465.557	463.077
126.0	478.053	474.086	467.441	461.688	459.209
126.5	474.284	470.020	463.573	457.820	455.242
127.0	470.119	466.052	459.606	453.853	451.473
127.5	466.152	462.085	455.638	449.985	447.605
128.0	461.986	457.820	451.671	445.919	443.737
128.5	457.820	453.754	447.605	441.951	439.769
129.0	453.456	449.588	443.439	437.786	435.703
129.5	449.291	445.423	439.472	433.819	431.736
130.0	445.125	441.257	435.405	429.653	427.570
130.5	440.761	436.893	431.240	425.686	423.603
131.0	436.596	432.926	427.074	421.520	419.437
131.5	432.430	428.760	423.107	417.454	415.470
132.0	428.066	424.496	418.941	413.288	411.503
132.5	423.900	420.231	414.875	409.222	407.337
133.0	419.636	416.065	410.709	405.056	403.172
133.5	415.272	411.800	406.445	400.791	399.006
134.0	410.809	407.436	402.180	396.526	394.840
134.5	406.445	403.072	397.915	392.262	390.675
135.0	401.981	398.808	393.650	388.096	386.311
135.5	397.518	394.444	389.286	383.831	382.046
136.0	392.956	389.980	384.922	379.368	377.781
136.5	388.493	385.617	380.558	375.103	373.516
137.0	383.930	381.153	376.095	370.640	369.053
137.5	379.467	376.690	371.533	366.276	364.788
138.0	374.707	372.029	367.169	361.813	360.424

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-40-4K-[SCALED].IES

CANDELA TABULATION - (Cont.)

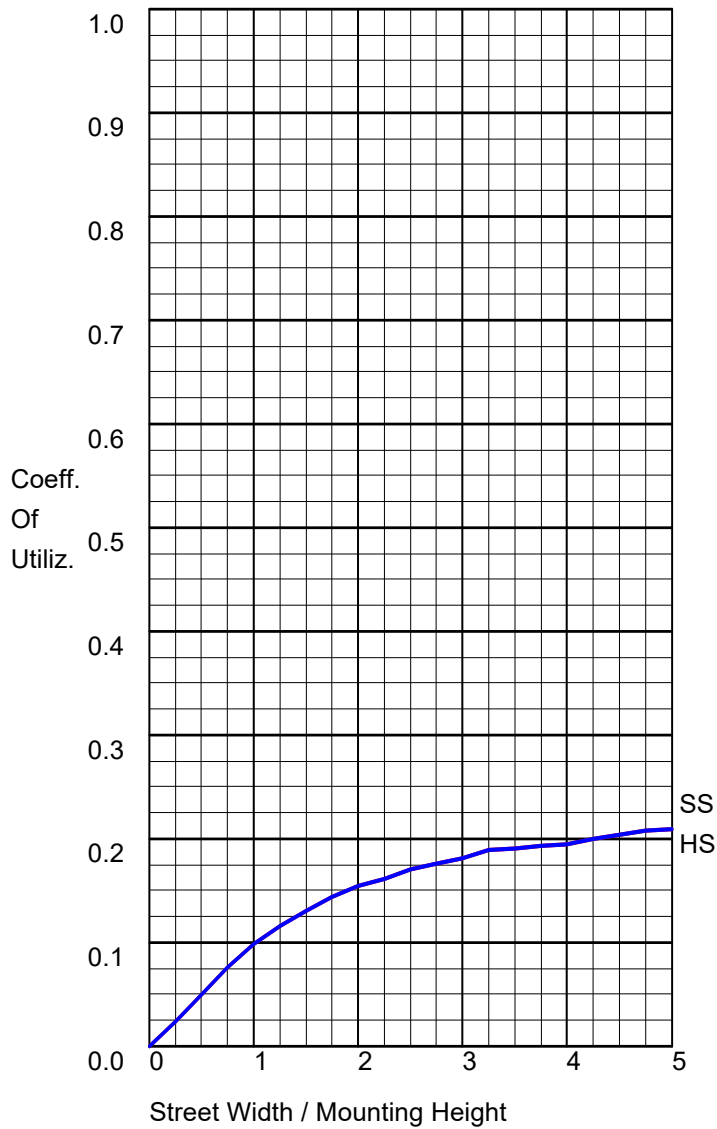
138.5	370.144	367.466	362.706	357.350	355.961
139.0	365.384	362.904	358.044	352.887	351.399
139.5	360.623	358.242	353.383	348.324	346.936
140.0	355.862	353.581	348.820	343.762	342.373
140.5	351.201	348.820	344.258	339.101	337.712
141.0	346.341	344.159	339.596	334.439	333.150
141.5	341.382	339.299	334.935	329.678	328.389
142.0	336.621	334.538	330.273	325.116	323.827
142.5	331.860	329.777	325.513	320.355	319.264
143.0	326.901	324.818	320.752	315.595	314.603
143.5	321.942	320.058	315.991	310.933	309.743
144.0	317.082	315.297	311.131	306.073	305.081
144.5	312.024	310.338	306.371	301.312	300.221
145.0	307.065	305.478	301.511	296.453	295.659
145.5	302.007	300.618	296.750	291.791	290.700
146.0	297.048	295.659	291.791	287.030	285.939
146.5	292.089	290.700	286.931	282.071	281.179
147.0	287.130	285.741	282.071	277.410	276.418
147.5	282.071	280.881	277.211	272.451	271.657
148.0	277.013	275.724	272.352	267.591	266.996
148.5	271.856	270.765	267.492	262.731	262.136
149.0	266.797	265.706	262.533	257.871	257.375
149.5	261.739	260.648	257.574	252.912	252.515
150.0	256.780	255.590	252.615	247.953	247.655
150.5	251.623	250.333	247.556	242.994	242.597
151.0	246.465	245.077	242.597	238.035	237.638
151.5	241.308	239.820	237.440	233.076	232.481
152.0	236.250	234.663	232.382	228.117	227.522
152.5	230.993	229.406	227.224	222.959	222.563
153.0	225.736	224.150	221.968	217.901	217.405
153.5	220.381	218.893	216.909	212.843	212.347
154.0	215.124	213.636	211.752	207.785	207.090
154.5	209.867	208.479	206.495	202.528	202.131
155.0	204.512	203.222	201.338	197.569	196.775
155.5	199.255	197.966	196.180	192.412	191.717
156.0	194.197	192.808	190.924	187.254	186.758
156.5	188.940	187.651	185.866	182.196	181.700
157.0	183.882	182.692	180.609	177.336	176.642
157.5	178.625	177.634	175.650	172.377	171.583
158.0	173.468	172.575	170.592	167.517	166.823
158.5	168.509	167.715	165.633	162.756	161.963
159.0	163.550	162.856	160.773	157.896	157.103
159.5	158.690	158.194	156.012	153.334	152.144
160.0	153.929	153.136	151.251	148.673	147.582
160.5	149.367	148.474	146.689	144.209	143.218
161.0	144.705	143.912	142.226	139.945	138.953
161.5	140.143	139.449	137.862	135.680	134.688
162.0	135.680	134.886	133.597	131.514	130.522
162.5	131.316	130.423	129.332	127.448	126.555
163.0	126.952	126.059	125.067	123.381	122.489
163.5	122.588	121.795	120.902	119.414	118.621
164.0	118.422	117.629	116.835	115.546	114.753
164.5	114.356	113.463	112.868	111.678	110.984
165.0	110.389	109.496	108.901	107.810	107.314
165.5	106.521	105.628	105.033	104.041	103.644
166.0	102.653	101.760	101.165	100.371	99.975

IES ROAD REPORT
PHOTOMETRIC FILENAME : OM-40-4K-[SCALED].IES

CANDELA TABULATION - (Cont.)

166.5	98.824	97.971	97.505	96.682	96.404
167.0	95.145	94.242	93.855	93.121	92.844
167.5	91.564	90.652	90.245	89.571	89.283
168.0	87.954	87.012	86.665	85.980	85.722
168.5	84.354	83.491	83.114	82.439	82.211
169.0	80.595	79.900	79.533	78.948	78.760
169.5	76.994	76.350	75.973	75.427	75.229
170.0	73.335	72.809	72.501	71.956	71.827
170.5	69.744	69.308	68.941	68.495	68.266
171.0	66.134	65.827	65.460	64.984	64.805
171.5	62.544	62.296	61.939	61.522	61.363
172.0	58.983	58.785	58.418	58.041	57.872
172.5	55.442	55.214	54.867	54.530	54.401
173.0	51.832	51.584	51.297	50.989	50.890
173.5	48.212	48.063	47.815	47.587	47.547
174.0	44.820	44.542	44.304	44.205	44.136
174.5	41.240	41.081	40.892	40.744	40.823
175.0	37.808	37.758	37.610	37.411	37.550
175.5	34.545	34.545	34.426	34.237	34.376
176.0	31.391	31.431	31.341	31.222	31.361
176.5	28.386	28.425	28.316	28.306	28.415
177.0	25.480	25.549	25.499	25.450	25.589
177.5	22.693	22.792	22.822	22.722	22.822
178.0	20.084	20.292	20.392	20.253	20.292
178.5	17.555	18.021	18.349	18.289	18.428
179.0	15.383	16.305	16.811	16.881	17.158
179.5	13.806	15.244	15.879	16.008	16.325
180.0	15.204	15.204	15.204	15.204	15.204

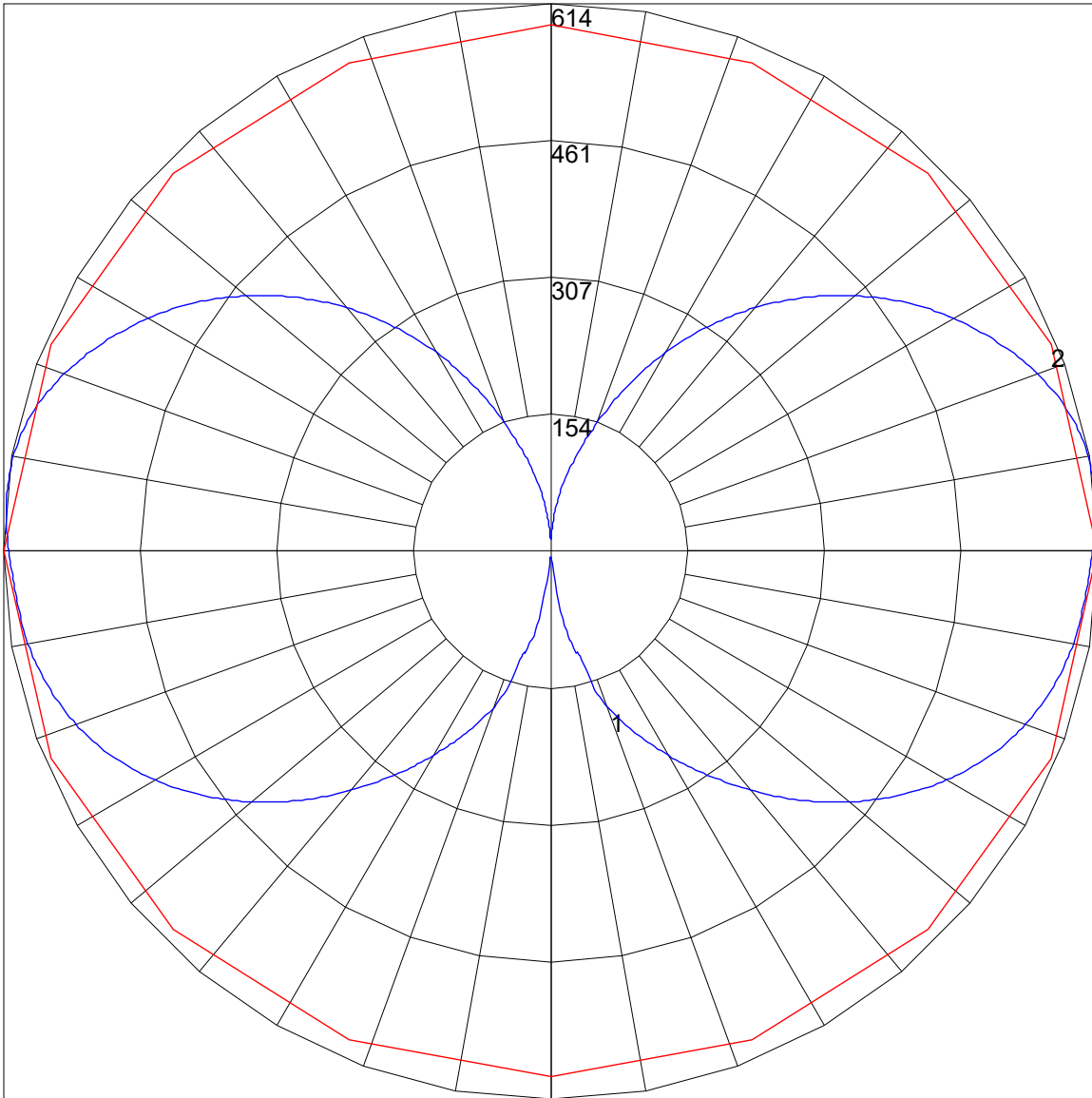
COEFFICIENTS OF UTILIZATION



FLUX DISTRIBUTION

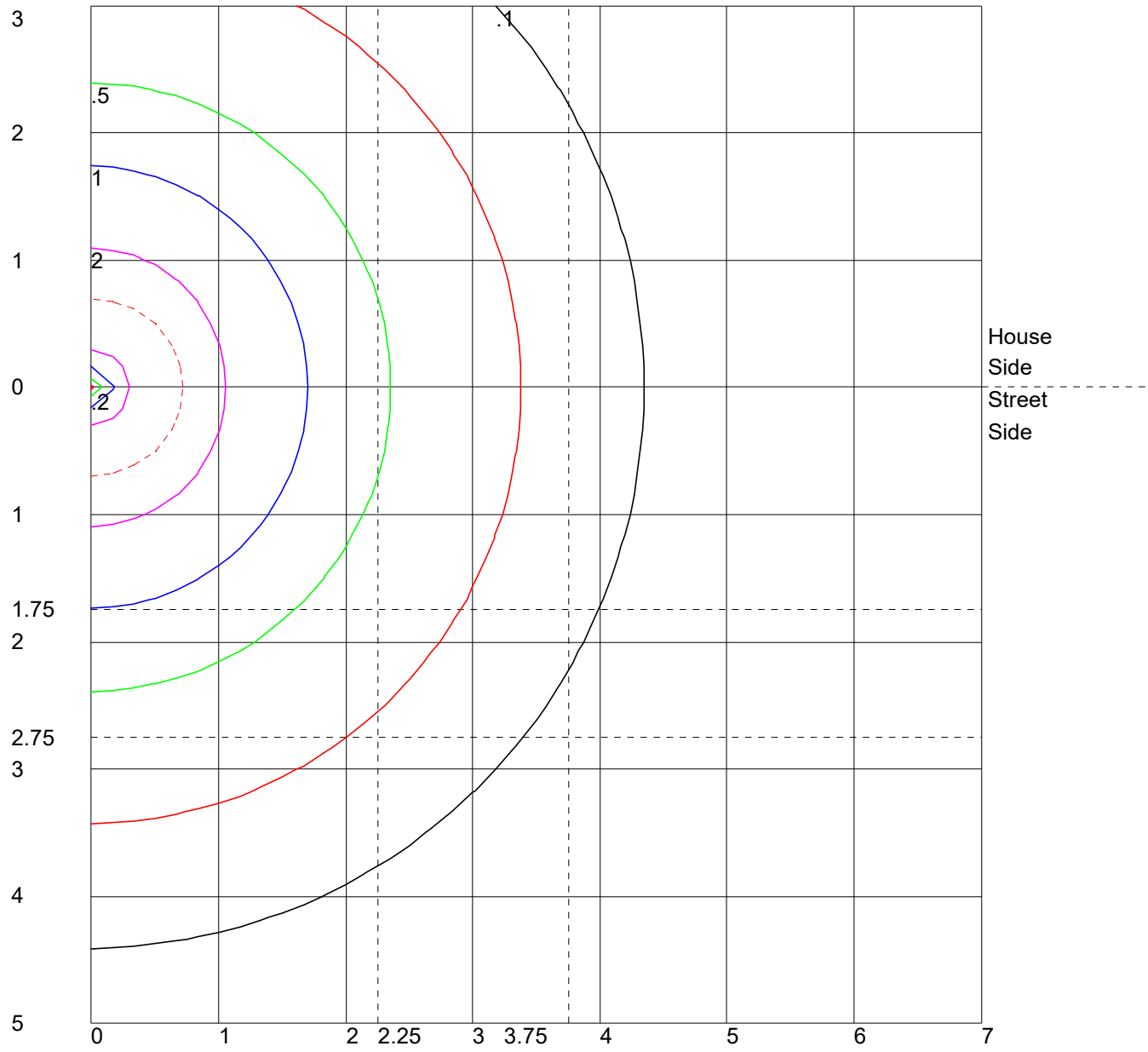
	Lumens	Percent Of Luminaire
Downward Street Side	1416.1	24.9
Downward House Side	1416.1	24.9
Downward Total	2832.2	49.7
Upward Street Side	1433.2	25.1
Upward House Side	1433.2	25.1
Upward Total	2866.4	50.3
Total Flux	5698.6	100.0

POLAR GRAPH



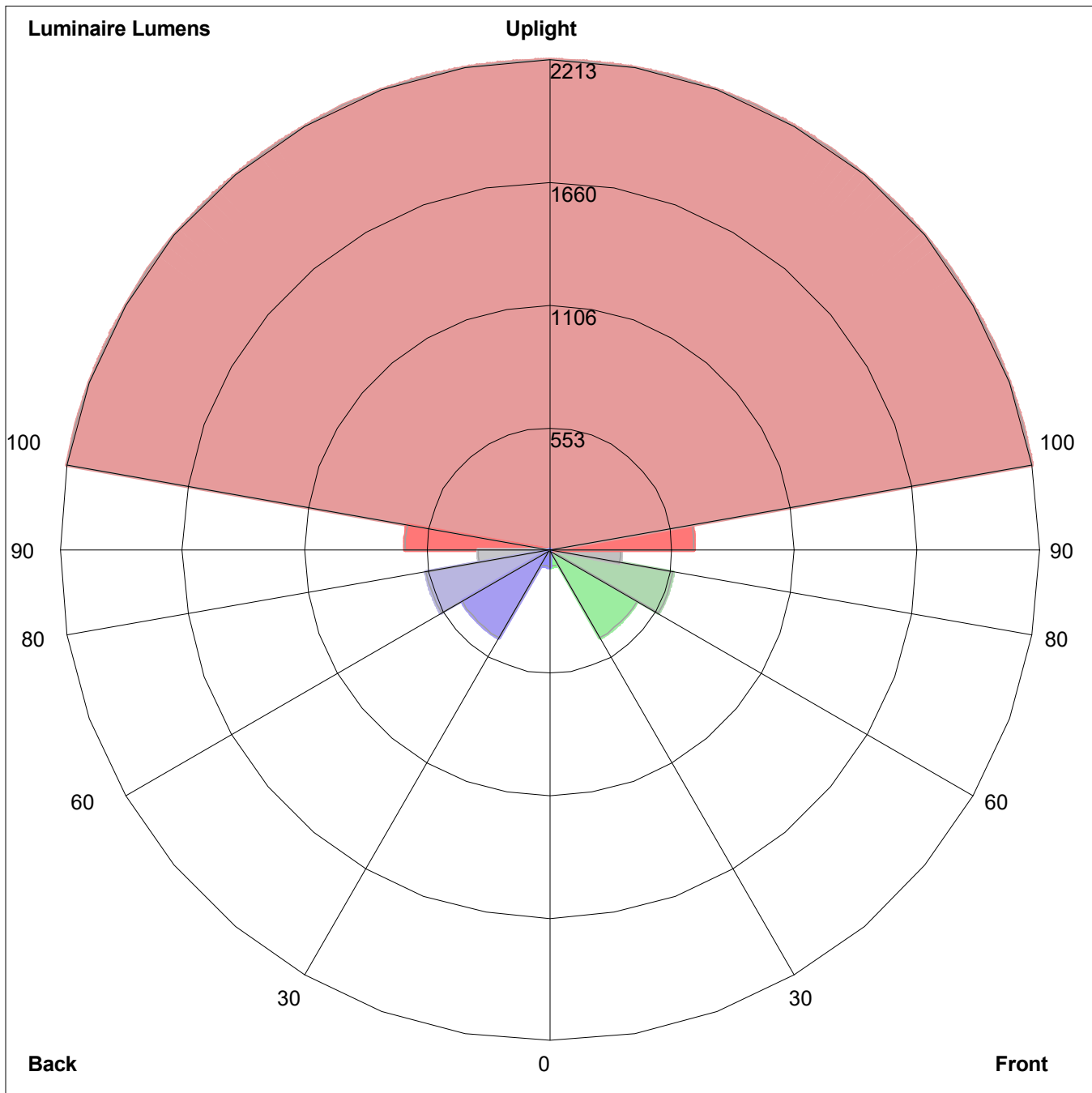
Maximum Candela = 614.13 Located At Horizontal Angle = 0, Vertical Angle = 97
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (97) (Through Max. Cd.)

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=72.8, Medium=455.6, High=566.1, Very High=321.5
Back: Low=72.8, Medium=455.6, High=566.1, Very High=321.5
Uplight: Low=653.5, High=2212.9

BUG Rating : B2-U5-G3