



the evolution of illumination

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : OM-40-3K-[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-40-3K-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	5477
Downward Total Efficiency	N.A. (absolute)
Total Luminaire Efficiency	N.A. (absolute)
Luminaire Efficacy Rating (LER)	139
Total Luminaire Watts	39.3705
Ballast Factor	1.00
Upward Waste Light Ratio	0.50
Maximum Candela	590.2
Maximum Candela Angle	0H 97V
Maximum Candela (<90 Degrees Vertical)	584.195
Maximum Candela Angle (<90 Degrees Vertical)	0H 89.5V
Maximum Candela At 90 Degrees Vertical	584.767 (10.7% Luminaire Lumens)
Maximum Candela from 80 to <90 Degrees Vertical	584.195 (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)	70.0	N.A.	1.3
FM - Front-Medium (30-60)	437.9	N.A.	8.0
FH - Front-High (60-80)	544.0	N.A.	9.9
FVH - Front-Very High (80-90)	309.0	N.A.	5.6
BL - Back-Low (0-30)	70.0	N.A.	1.3
BM - Back-Medium (30-60)	437.9	N.A.	8.0
BH - Back-High (60-80)	544.0	N.A.	9.9
BVH - Back-Very High (80-90)	309.0	N.A.	5.6
UL - Uplight-Low (90-100)	628.0	N.A.	11.5
UH - Uplight-High (100-180)	2126.7	N.A.	38.8
Total	5476.5	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	6.453	6.453	6.453	6.453	6.453
0.5	6.701	6.482	6.558	6.596	6.682
1.0	6.710	6.520	6.586	6.682	6.691
1.5	6.672	6.501	6.567	6.644	6.720
2.0	6.720	6.539	6.567	6.634	6.748
2.5	6.729	6.529	6.615	6.663	6.720
3.0	6.682	6.472	6.644	6.701	6.720
3.5	6.701	6.501	6.625	6.710	6.672
4.0	6.739	6.520	6.596	6.710	6.644
4.5	6.767	6.529	6.605	6.691	6.739
5.0	6.767	6.586	6.605	6.691	6.787
5.5	6.825	6.796	6.682	6.767	6.815
6.0	8.455	8.874	8.169	8.016	8.588
6.5	14.012	15.213	14.469	13.811	15.079
7.0	23.400	25.678	25.735	24.353	25.221
7.5	33.046	35.467	36.849	35.706	35.801
8.0	43.274	44.113	45.762	44.770	44.761
8.5	51.633	52.491	53.730	51.957	51.033
9.0	58.744	61.327	60.945	58.200	55.484
9.5	65.911	70.163	68.047	64.701	60.335
10.0	73.613	78.026	74.042	72.708	68.237
10.5	80.971	84.279	79.656	81.562	78.798
11.0	88.073	89.788	84.889	89.388	87.396
11.5	93.429	94.220	89.245	94.392	93.182
12.0	98.176	97.509	94.497	97.700	97.223
12.5	100.273	100.940	99.701	100.845	100.559
13.0	103.037	104.753	104.467	107.326	107.136
13.5	107.326	109.805	113.236	116.668	116.191
14.0	113.045	116.668	119.432	121.529	121.719
14.5	112.855	120.480	122.005	119.908	118.669
15.0	116.000	123.530	120.671	119.908	118.764
15.5	117.239	124.293	122.672	123.721	123.340
16.0	121.910	132.395	131.918	136.779	136.875
16.5	134.110	136.112	141.831	145.167	144.977
17.0	145.072	146.597	149.170	150.600	150.124
17.5	156.605	153.174	154.318	155.271	154.604
18.0	161.848	158.321	159.179	159.369	158.797
18.5	166.042	163.087	163.468	163.277	162.991
19.0	170.521	167.376	167.757	167.471	166.899
19.5	174.811	171.856	171.951	171.570	171.189
20.0	178.719	176.145	175.954	175.383	175.001
20.5	182.627	180.148	179.958	179.195	178.623
21.0	186.344	184.247	183.675	182.722	182.245
21.5	190.061	188.346	187.488	186.249	185.772
22.0	193.779	192.254	191.110	189.680	189.299
22.5	197.496	196.257	194.827	193.111	192.730
23.0	201.118	199.974	198.354	196.543	196.257
23.5	204.931	203.692	201.976	200.165	199.688
24.0	208.553	207.314	205.598	203.692	203.310
24.5	212.365	211.126	209.220	207.218	206.742
25.0	215.987	214.844	212.842	210.745	210.268
25.5	219.705	218.656	216.464	214.367	213.890
26.0	223.422	222.469	220.086	217.989	217.512

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**CANDELA TABULATION - (Cont.)**

26.5	227.044	226.282	223.708	221.611	221.135
27.0	230.952	229.999	227.521	225.328	224.661
27.5	234.860	233.907	231.143	229.046	228.379
28.0	238.577	237.720	234.955	232.668	232.096
28.5	242.581	241.532	238.768	236.480	235.813
29.0	246.393	245.440	242.676	240.198	239.721
29.5	250.397	249.444	246.584	244.010	243.343
30.0	254.495	253.352	250.492	247.823	247.156
30.5	258.594	257.355	254.400	251.731	250.873
31.0	262.502	261.358	258.403	255.448	254.781
31.5	266.410	265.361	262.311	259.356	258.689
32.0	270.509	269.365	266.315	263.169	262.597
32.5	274.416	273.273	270.223	267.172	266.505
33.0	278.515	277.371	274.226	271.080	270.318
33.5	282.423	281.470	278.229	274.893	274.321
34.0	286.426	285.473	282.328	278.896	278.134
34.5	290.334	289.477	286.236	282.900	282.137
35.0	294.433	293.670	290.239	286.903	286.140
35.5	298.532	297.674	294.242	290.906	290.239
36.0	302.630	301.772	298.246	294.814	294.147
36.5	306.824	305.966	302.344	298.818	298.055
37.0	311.018	309.970	306.252	302.726	301.963
37.5	315.212	314.164	310.351	306.729	305.966
38.0	319.406	318.167	314.259	310.827	309.970
38.5	323.600	322.265	318.167	314.640	313.878
39.0	327.794	326.364	322.265	318.739	317.881
39.5	331.988	330.463	326.364	322.742	321.694
40.0	336.277	334.561	330.463	326.650	325.792
40.5	340.566	338.660	334.561	330.749	329.891
41.0	344.951	342.854	338.755	334.752	333.799
41.5	349.145	347.048	342.949	338.851	337.993
42.0	353.434	351.242	347.048	342.854	341.996
42.5	357.723	355.531	351.242	347.048	346.190
43.0	362.108	359.725	355.340	351.146	350.289
43.5	366.302	363.919	359.630	355.340	354.292
44.0	370.686	368.208	363.728	359.439	358.200
44.5	374.880	372.307	367.922	363.728	362.298
45.0	378.979	376.501	372.021	367.731	366.397
45.5	383.173	380.790	376.215	371.735	370.591
46.0	387.271	384.984	380.313	375.738	374.594
46.5	391.465	388.987	384.412	379.837	378.502
47.0	395.755	393.181	388.510	383.840	382.601
47.5	399.853	397.184	392.514	387.939	386.413
48.0	403.856	401.188	396.422	391.847	390.417
48.5	408.050	405.382	400.520	395.850	394.420
49.0	412.149	409.385	404.524	399.758	398.233
49.5	416.248	413.293	408.241	403.666	402.045
50.0	420.346	417.391	412.149	407.383	405.953
50.5	424.445	421.204	415.962	411.196	409.575
51.0	428.353	425.017	419.679	414.913	413.483
51.5	432.165	428.734	423.396	418.631	417.010
52.0	436.169	432.547	427.114	422.253	420.632
52.5	439.886	436.359	430.736	425.875	424.159
53.0	443.889	439.981	434.358	429.306	427.781
53.5	447.416	443.699	437.980	432.928	431.403
54.0	451.324	447.416	441.602	436.550	434.930

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**CANDELA TABULATION - (Cont.)**

54.5	454.946	451.038	445.129	439.981	438.456
55.0	458.568	454.660	448.655	443.508	441.792
55.5	462.286	458.187	452.277	447.130	445.319
56.0	465.812	461.809	455.709	450.466	448.751
56.5	469.339	465.431	459.140	453.898	452.182
57.0	473.247	468.958	462.667	457.329	455.613
57.5	476.488	472.294	466.098	460.570	458.854
58.0	479.824	475.630	469.434	464.001	462.000
58.5	483.160	479.061	472.675	467.242	465.336
59.0	486.687	482.302	476.011	470.387	468.481
59.5	489.737	485.543	479.252	473.724	471.531
60.0	493.168	488.784	482.493	476.678	474.581
60.5	496.314	491.929	485.543	479.728	477.727
61.0	499.459	495.170	488.688	482.779	480.777
61.5	502.509	498.315	491.834	485.829	483.732
62.0	505.559	501.270	494.598	488.784	486.591
62.5	508.609	504.320	497.648	491.643	489.451
63.0	511.564	507.275	500.412	494.407	492.120
63.5	514.424	509.944	503.176	497.171	494.884
64.0	517.093	512.708	505.845	499.745	497.362
64.5	519.761	515.377	508.419	502.318	500.031
65.0	522.526	517.950	511.088	504.987	502.509
65.5	524.909	520.333	513.566	507.370	504.892
66.0	527.577	522.907	515.949	509.848	507.370
66.5	529.960	525.290	518.332	512.136	509.658
67.0	532.439	527.673	520.715	514.614	512.041
67.5	534.726	529.960	523.002	516.711	514.233
68.0	537.014	532.057	525.290	518.999	516.425
68.5	539.015	534.250	527.482	521.001	518.332
69.0	541.303	536.347	529.484	523.193	520.333
69.5	543.209	538.348	531.581	525.099	522.430
70.0	545.116	540.350	533.582	527.196	524.337
70.5	547.022	542.161	535.298	529.007	526.243
71.0	548.928	543.877	537.109	530.818	527.863
71.5	550.644	545.688	539.015	532.439	529.484
72.0	552.264	547.308	540.731	534.059	531.199
72.5	554.075	549.024	542.256	535.679	532.724
73.0	555.696	550.644	543.972	537.395	534.345
73.5	557.221	552.074	545.497	538.825	535.965
74.0	558.746	553.504	546.831	540.159	537.300
74.5	560.176	554.933	548.166	541.494	538.539
75.0	561.510	556.458	549.691	542.828	539.969
75.5	562.940	557.602	550.835	544.067	541.208
76.0	564.274	558.937	552.169	545.402	542.447
76.5	565.418	560.176	553.313	546.355	543.591
77.0	566.753	561.224	554.361	547.594	544.734
77.5	567.896	562.463	555.505	548.642	545.878
78.0	568.849	563.512	556.649	549.786	546.927
78.5	569.993	564.560	557.602	550.835	548.070
79.0	570.946	565.513	558.651	551.883	548.833
79.5	572.090	566.371	559.413	552.741	549.596
80.0	572.948	567.324	560.366	553.599	550.549
80.5	573.615	568.087	561.224	554.361	551.311
81.0	574.378	568.659	561.796	555.029	552.169
81.5	574.950	569.421	562.273	555.600	552.741
82.0	575.522	569.898	562.845	556.172	553.313

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**CANDELA TABULATION - (Cont.)**

<b>82.5</b>	576.094	570.565	563.321	556.840	553.789
<b>83.0</b>	576.570	571.137	563.988	557.316	554.361
<b>83.5</b>	577.142	571.518	564.465	557.602	554.838
<b>84.0</b>	577.619	571.995	564.846	558.174	555.410
<b>84.5</b>	578.191	572.472	565.323	558.555	555.696
<b>85.0</b>	578.667	573.139	565.799	559.032	556.172
<b>85.5</b>	579.239	573.615	566.371	559.604	556.744
<b>86.0</b>	579.906	574.187	566.848	560.080	557.221
<b>86.5</b>	580.192	574.568	567.324	560.557	557.793
<b>87.0</b>	580.955	575.140	567.896	561.034	558.174
<b>87.5</b>	581.527	575.712	568.373	561.605	558.937
<b>88.0</b>	582.289	576.379	569.040	562.177	559.508
<b>88.5</b>	582.861	577.047	569.421	562.749	560.080
<b>89.0</b>	583.338	577.523	570.089	563.226	560.557
<b>89.5</b>	584.195	578.191	570.660	563.893	561.224
<b>90.0</b>	584.767	578.953	571.423	564.656	561.701
<b>90.5</b>	585.530	579.620	571.995	565.323	562.273
<b>91.0</b>	586.102	580.192	572.567	565.799	562.940
<b>91.5</b>	586.674	580.764	573.234	566.467	563.321
<b>92.0</b>	587.341	581.336	573.615	567.038	563.988
<b>92.5</b>	587.817	581.813	574.187	567.420	564.465
<b>93.0</b>	588.389	582.289	574.664	567.801	564.846
<b>93.5</b>	588.771	582.670	574.950	568.087	565.132
<b>94.0</b>	589.152	583.052	575.331	568.468	565.513
<b>94.5</b>	589.343	583.242	575.617	568.564	565.799
<b>95.0</b>	589.819	583.624	575.808	568.849	565.895
<b>95.5</b>	589.819	583.719	576.094	569.040	566.181
<b>96.0</b>	590.010	583.814	576.094	569.231	566.371
<b>96.5</b>	590.200	584.005	575.998	569.231	566.371
<b>97.0</b>	590.200	584.005	576.094	569.231	566.467
<b>97.5</b>	590.010	583.909	575.998	569.135	566.181
<b>98.0</b>	590.010	583.909	575.903	568.945	565.990
<b>98.5</b>	589.819	583.719	575.808	568.754	565.990
<b>99.0</b>	589.438	583.433	575.426	568.564	565.609
<b>99.5</b>	589.152	583.052	575.045	568.278	565.227
<b>100.0</b>	588.675	582.670	574.664	567.706	564.751
<b>100.5</b>	588.008	582.194	573.997	567.038	564.084
<b>101.0</b>	587.436	581.527	573.520	566.467	563.607
<b>101.5</b>	586.769	580.859	572.853	565.704	562.845
<b>102.0</b>	585.911	580.002	572.090	565.037	562.082
<b>102.5</b>	585.053	579.048	571.137	564.084	561.319
<b>103.0</b>	583.909	578.191	570.184	563.130	560.176
<b>103.5</b>	582.670	576.951	568.945	561.891	559.127
<b>104.0</b>	581.527	575.712	567.706	560.652	557.983
<b>104.5</b>	580.002	574.283	566.371	559.413	556.554
<b>105.0</b>	578.286	572.757	564.941	557.888	555.124
<b>105.5</b>	576.856	571.328	563.416	556.363	553.599
<b>106.0</b>	575.331	569.612	561.891	554.838	552.074
<b>106.5</b>	573.425	567.896	560.176	553.218	550.358
<b>107.0</b>	571.614	566.181	558.365	551.407	548.738
<b>107.5</b>	569.612	564.084	556.458	549.596	546.736
<b>108.0</b>	567.420	562.273	554.552	547.594	544.830
<b>108.5</b>	565.323	560.080	552.455	545.592	542.828
<b>109.0</b>	563.226	557.983	550.453	543.495	540.731
<b>109.5</b>	560.938	555.791	548.166	541.398	538.348
<b>110.0</b>	558.555	553.504	545.878	539.111	536.156

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**CANDELA TABULATION - (Cont.)**

110.5	556.268	551.025	543.686	536.918	533.678
111.0	553.694	548.642	541.112	534.631	531.581
111.5	551.216	546.259	538.729	532.343	529.198
112.0	548.642	543.591	536.251	529.770	526.720
112.5	545.973	541.017	533.678	527.196	524.146
113.0	543.495	538.443	531.104	524.718	521.382
113.5	540.540	535.870	528.531	522.240	518.904
114.0	537.872	533.201	525.766	519.475	516.425
114.5	535.107	530.342	523.098	516.902	513.756
115.0	532.057	527.577	520.333	514.233	510.992
115.5	529.388	524.718	517.474	511.374	508.228
116.0	526.338	521.858	514.710	508.419	505.559
116.5	523.288	518.999	511.945	505.655	502.795
117.0	520.524	516.044	508.991	502.986	499.840
117.5	517.283	512.899	506.036	499.840	496.885
118.0	514.424	509.944	503.081	496.981	494.121
118.5	511.183	506.894	500.031	493.835	491.071
119.0	508.133	503.844	497.076	490.976	488.116
119.5	505.083	500.698	494.026	487.926	484.971
120.0	501.842	497.457	490.880	484.780	482.111
120.5	498.696	494.407	487.735	481.635	478.775
121.0	495.360	491.166	484.494	478.489	475.630
121.5	492.024	487.830	481.254	475.344	472.484
122.0	488.688	484.494	478.013	471.912	469.244
122.5	485.352	481.063	474.677	468.672	465.812
123.0	481.825	477.631	471.055	465.240	462.476
123.5	478.299	474.009	467.623	461.714	459.045
124.0	474.677	470.483	464.192	458.282	455.423
124.5	470.769	466.861	460.474	454.660	452.087
125.0	467.051	463.143	456.852	451.038	448.560
125.5	463.239	459.331	453.040	447.416	445.033
126.0	459.426	455.613	449.227	443.699	441.316
126.5	455.804	451.705	445.510	439.981	437.503
127.0	451.801	447.893	441.697	436.169	433.881
127.5	447.988	444.080	437.884	432.451	430.164
128.0	443.985	439.981	434.072	428.543	426.446
128.5	439.981	436.073	430.164	424.731	422.634
129.0	435.787	432.070	426.161	420.727	418.726
129.5	431.784	428.067	422.348	416.915	414.913
130.0	427.781	424.064	418.440	412.912	410.910
130.5	423.587	419.870	414.437	409.099	407.097
131.0	419.584	416.057	410.433	405.096	403.094
131.5	415.580	412.054	406.621	401.188	399.281
132.0	411.386	407.955	402.617	397.184	395.469
132.5	407.383	403.856	398.709	393.276	391.465
133.0	403.285	399.853	394.706	389.273	387.462
133.5	399.091	395.755	390.607	385.174	383.459
134.0	394.801	391.561	386.509	381.076	379.455
134.5	390.607	387.367	382.410	376.977	375.452
135.0	386.318	383.268	378.312	372.974	371.258
135.5	382.029	379.074	374.118	368.875	367.160
136.0	377.644	374.785	369.924	364.586	363.061
136.5	373.355	370.591	365.730	360.487	358.962
137.0	368.971	366.302	361.441	356.198	354.673
137.5	364.681	362.012	357.056	352.004	350.574
138.0	360.106	357.533	352.862	347.715	346.381

**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : OM-40-3K-[SCALED].IES**

**CANDELA TABULATION - (Cont.)**

138.5	355.722	353.148	348.573	343.426	342.091
139.0	351.146	348.763	344.093	339.136	337.707
139.5	346.571	344.284	339.613	334.752	333.417
140.0	341.996	339.804	335.228	330.367	329.033
140.5	337.516	335.228	330.844	325.887	324.553
141.0	332.846	330.749	326.364	321.408	320.168
141.5	328.080	326.078	321.884	316.832	315.593
142.0	323.505	321.503	317.404	312.448	311.209
142.5	318.929	316.928	312.829	307.873	306.824
143.0	314.164	312.162	308.254	303.297	302.344
143.5	309.398	307.587	303.679	298.818	297.674
144.0	304.727	303.011	299.008	294.147	293.194
144.5	299.866	298.246	294.433	289.572	288.523
145.0	295.100	293.575	289.762	284.901	284.139
145.5	290.239	288.905	285.187	280.421	279.373
146.0	285.473	284.139	280.421	275.846	274.798
146.5	280.707	279.373	275.751	271.080	270.223
147.0	275.942	274.607	271.080	266.601	265.647
147.5	271.080	269.937	266.410	261.835	261.072
148.0	266.219	264.980	261.739	257.164	256.592
148.5	261.263	260.214	257.069	252.494	251.922
149.0	256.402	255.353	252.303	247.823	247.347
149.5	251.541	250.492	247.537	243.057	242.676
150.0	246.775	245.631	242.771	238.292	238.006
150.5	241.818	240.579	237.910	233.526	233.144
151.0	236.862	235.527	233.144	228.760	228.379
151.5	231.905	230.476	228.188	223.994	223.422
152.0	227.044	225.519	223.327	219.228	218.656
152.5	221.992	220.467	218.370	214.272	213.890
153.0	216.941	215.416	213.319	209.411	208.934
153.5	211.793	210.364	208.457	204.549	204.073
154.0	206.742	205.312	203.501	199.688	199.021
154.5	201.690	200.355	198.449	194.636	194.255
155.0	196.543	195.304	193.493	189.871	189.108
155.5	191.491	190.252	188.536	184.914	184.247
156.0	186.630	185.295	183.484	179.958	179.481
156.5	181.578	180.339	178.623	175.097	174.620
157.0	176.717	175.573	173.572	170.426	169.759
157.5	171.665	170.712	168.806	165.660	164.898
158.0	166.709	165.851	163.945	160.990	160.323
158.5	161.943	161.180	159.179	156.415	155.652
159.0	157.177	156.510	154.508	151.744	150.981
159.5	152.507	152.030	149.933	147.359	146.216
160.0	147.931	147.169	145.358	142.880	141.831
160.5	143.547	142.689	140.973	138.590	137.637
161.0	139.067	138.304	136.684	134.492	133.539
161.5	134.682	134.015	132.490	130.393	129.440
162.0	130.393	129.631	128.391	126.390	125.437
162.5	126.199	125.341	124.293	122.482	121.624
163.0	122.005	121.147	120.194	118.574	117.716
163.5	117.811	117.049	116.191	114.761	113.999
164.0	113.808	113.045	112.283	111.044	110.281
164.5	109.900	109.042	108.470	107.326	106.659
165.0	106.087	105.230	104.658	103.609	103.133
165.5	102.370	101.512	100.940	99.987	99.606
166.0	98.653	97.795	97.223	96.460	96.079

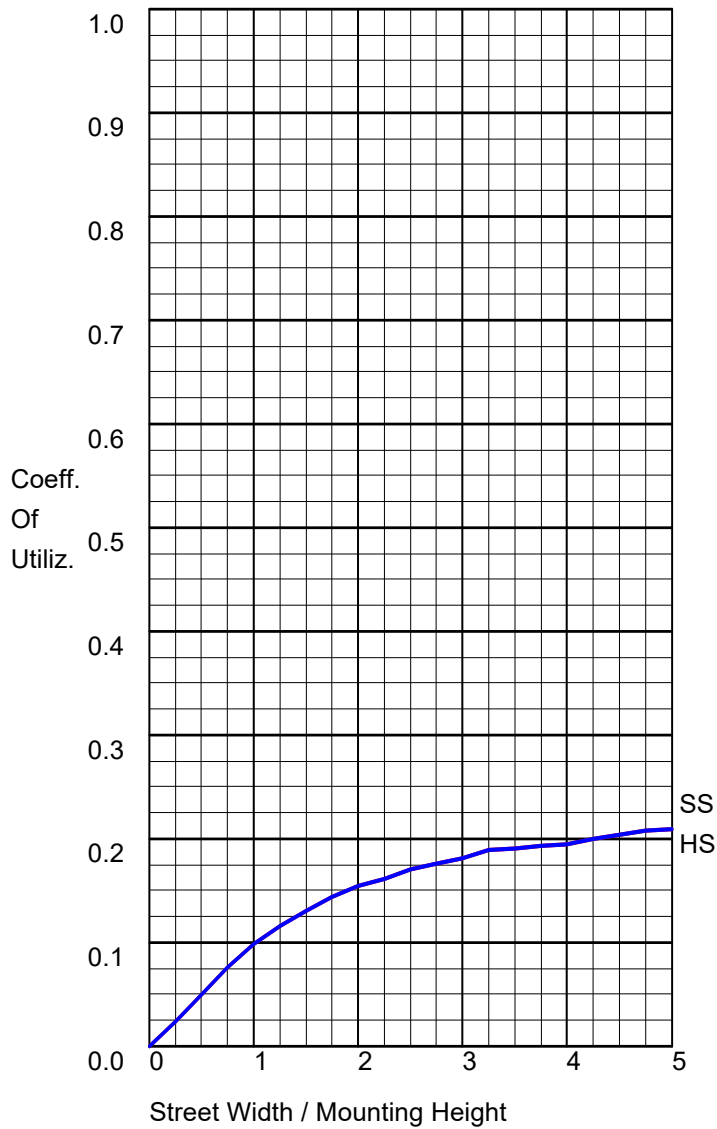


**IES ROAD REPORT**  
**PHOTOMETRIC FILENAME : OM-40-3K-[SCALED].IES**

**CANDELA TABULATION - (Cont.)**

<b>166.5</b>	94.973	94.154	93.706	92.915	92.648
<b>167.0</b>	91.437	90.570	90.198	89.493	89.226
<b>167.5</b>	87.996	87.119	86.729	86.080	85.804
<b>168.0</b>	84.527	83.621	83.288	82.630	82.382
<b>168.5</b>	81.067	80.238	79.875	79.227	79.008
<b>169.0</b>	77.454	76.787	76.434	75.872	75.691
<b>169.5</b>	73.994	73.375	73.013	72.488	72.298
<b>170.0</b>	70.477	69.972	69.676	69.152	69.028
<b>170.5</b>	67.027	66.607	66.255	65.826	65.606
<b>171.0</b>	63.557	63.262	62.909	62.451	62.280
<b>171.5</b>	60.107	59.868	59.525	59.125	58.972
<b>172.0</b>	56.685	56.494	56.141	55.779	55.617
<b>172.5</b>	53.282	53.063	52.729	52.405	52.281
<b>173.0</b>	49.812	49.574	49.298	49.002	48.907
<b>173.5</b>	46.333	46.190	45.952	45.733	45.695
<b>174.0</b>	43.074	42.807	42.578	42.483	42.416
<b>174.5</b>	39.633	39.480	39.299	39.156	39.232
<b>175.0</b>	36.335	36.287	36.144	35.953	36.087
<b>175.5</b>	33.199	33.199	33.084	32.903	33.037
<b>176.0</b>	30.168	30.206	30.120	30.006	30.139
<b>176.5</b>	27.280	27.318	27.213	27.203	27.308
<b>177.0</b>	24.487	24.554	24.506	24.458	24.592
<b>177.5</b>	21.808	21.904	21.932	21.837	21.932
<b>178.0</b>	19.302	19.502	19.597	19.464	19.502
<b>178.5</b>	16.871	17.319	17.634	17.576	17.710
<b>179.0</b>	14.784	15.670	16.156	16.223	16.490
<b>179.5</b>	13.268	14.650	15.260	15.384	15.689
<b>180.0</b>	14.612	14.612	14.612	14.612	14.612

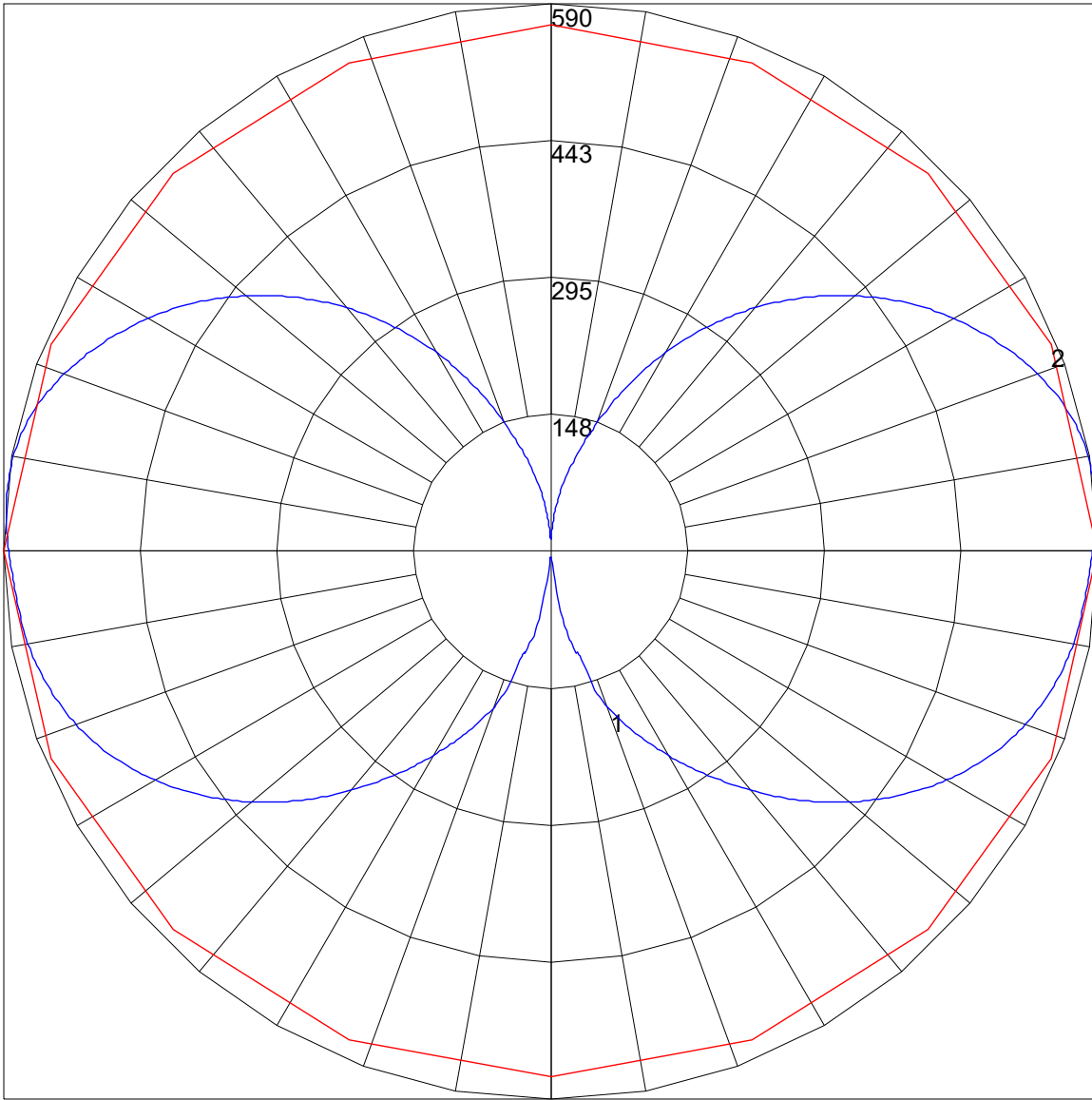
**COEFFICIENTS OF UTILIZATION**



**FLUX DISTRIBUTION**

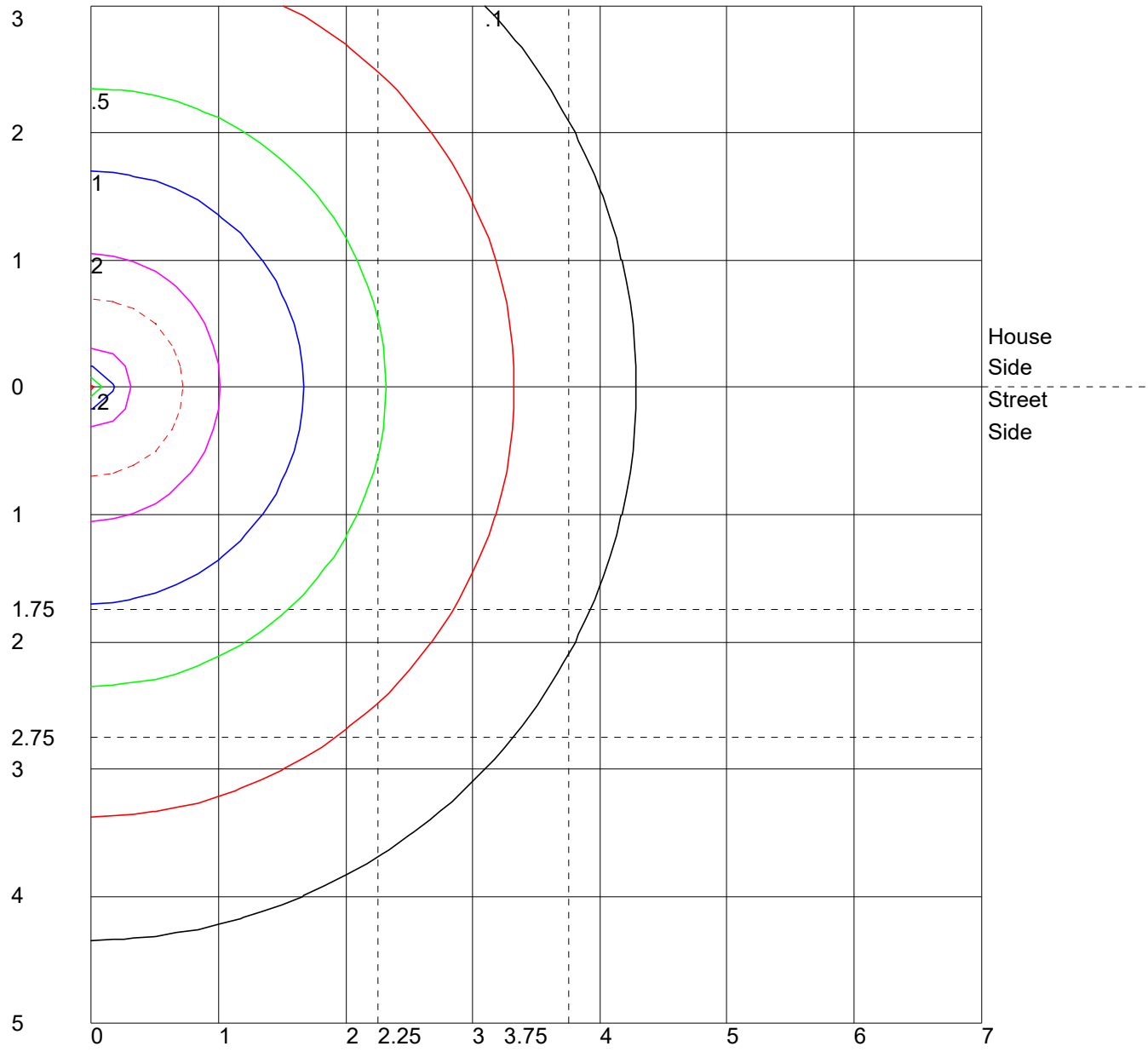
	Lumens	Percent Of Luminaire
Downward Street Side	1360.9	24.9
Downward House Side	1360.9	24.9
Downward Total	2721.8	49.7
Upward Street Side	1377.4	25.1
Upward House Side	1377.4	25.1
Upward Total	2754.8	50.3
Total Flux	5476.6	100.0

POLAR GRAPH



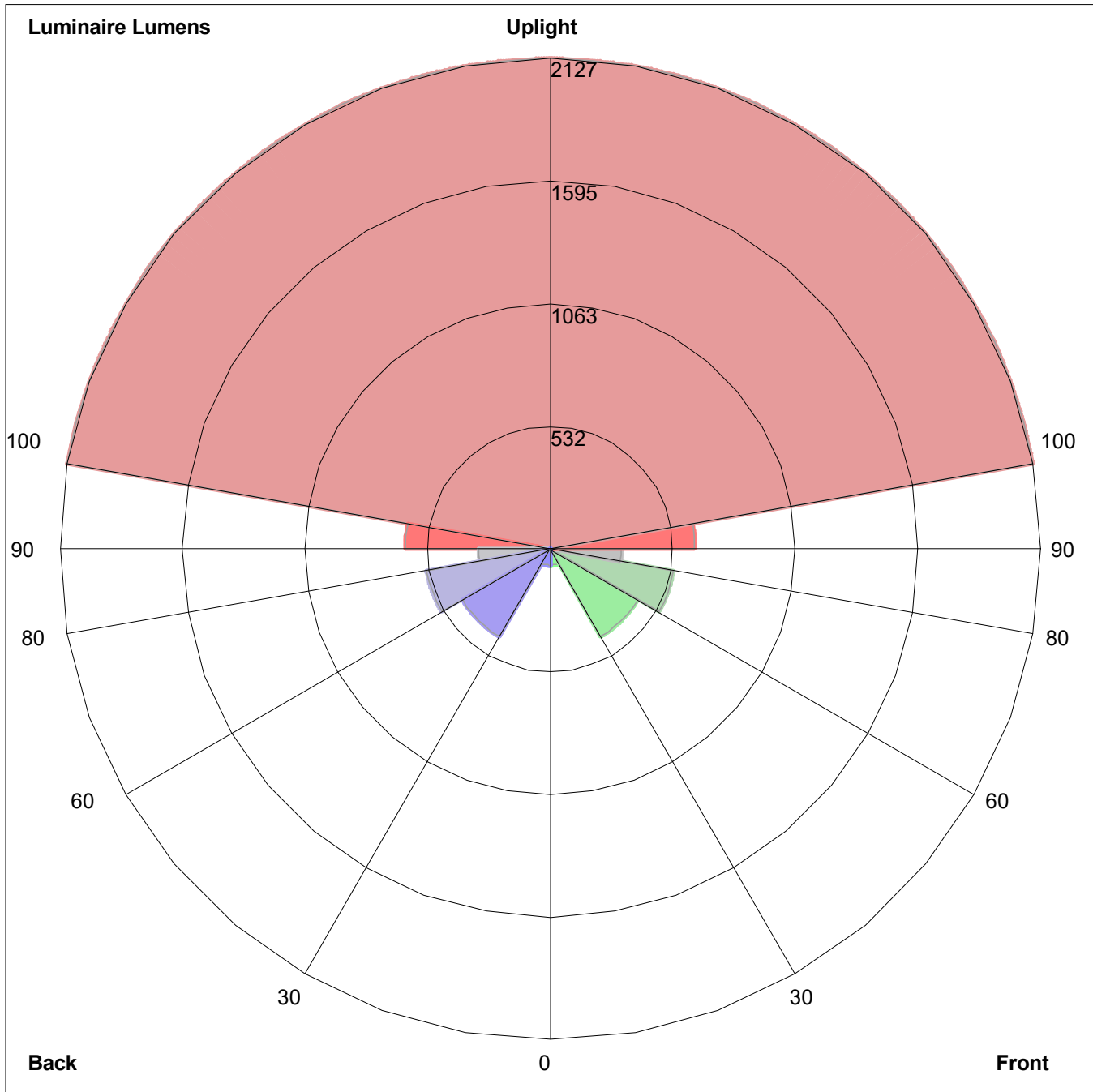
Maximum Candela = 590.2 Located At Horizontal Angle = 0, Vertical Angle = 97  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (97) (Through Max. Cd.)

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=70.0, Medium=437.9, High=544.0, Very High=309.0  
Back: Low=70.0, Medium=437.9, High=544.0, Very High=309.0  
Uplight: Low=628.0, High=2126.7

BUG Rating : B2-U5-G3