



IES INDOOR REPORT

PHOTOMETRIC FILENAME : 155(SW)-48LED57DMVOA40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 155(SW)-48LED57DMVOA40
 [TESTDATE] 17-Oct-2017 09:01:10
 [TESTLAB] Radiant Vision Systems ProSource
 [ISSUE DATE] 10/17/2017 9:53:09 AM
 [MANUFAC] MOBERN LIGHTING CO.
 [LAMP] LED Module
 [_TOTALLUMINAIRELUMENS] 4101.1
 [_NUMBEROFRAYS]10000000
 [MORE] (1) OSRAM OT50W
 [MORE] (4) LUMASMART "S" BOARDS, 4,053 CCT, 72 LM/WT, 85.0
 [OTHER] Absolute Photometry measurement

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4102
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	72
Total Luminaire Watts	57.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.58
Spacing Criterion (Diagonal)	1.58
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.23 m
Luminous Width (90-270)	0.11 m
Luminous Height	0.11 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	6153	4971	4900
55	5737	4517	4584
65	5041	4061	4161
75	3877	3459	3669
85	1561	2949	3382

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 155(SW)-48LED57DMVOA40.IES

CANDELA TABULATION

	<u>0</u>	<u>10</u>	<u>20</u>	<u>30</u>	<u>40</u>	<u>50</u>	<u>60</u>	<u>70</u>	<u>80</u>	<u>90</u>
0	961.03	961.03	961.03	961.03	961.03	961.03	961.03	961.03	961.03	961.03
3	958.46	958.03	957.65	958.13	958.01	958.29	958.64	958.89	959.06	959.15
6	950.98	950.85	952.52	954.39	956.21	957.93	959.45	960.73	961.46	961.94
9	941.62	943.72	949.26	954.60	960.43	965.23	969.47	971.71	972.13	971.77
12	929.94	936.29	946.58	956.60	964.77	973.14	981.11	985.75	985.88	984.23
15	915.09	924.80	941.23	953.49	963.07	975.74	987.10	993.14	994.29	994.31
18	898.23	911.51	929.21	944.79	956.28	974.53	989.58	995.74	998.17	1002.03
21	880.49	892.54	911.52	931.69	949.85	973.29	992.63	998.46	1002.07	1007.77
24	860.82	870.26	889.11	910.65	937.91	967.27	992.85	1001.98	1005.20	1008.62
27	838.02	848.17	867.32	894.19	926.07	954.85	985.63	1003.36	1005.78	1002.82
30	812.50	825.49	852.22	880.38	913.96	942.10	972.18	998.87	1003.77	996.52
33	784.63	800.77	832.71	864.98	901.14	931.58	955.48	984.33	996.50	994.81
36	753.12	772.39	806.07	844.45	884.73	918.39	941.25	966.34	982.94	990.96
39	717.13	738.55	779.54	815.78	863.69	904.03	931.08	951.37	970.79	977.86
42	679.20	701.37	751.50	791.13	846.24	887.20	919.30	937.35	957.33	958.55
45	641.57	664.12	720.16	761.82	821.86	862.61	898.76	921.77	936.42	938.00
48	601.86	628.10	682.78	729.93	792.46	829.88	870.42	903.03	912.12	918.14
51	558.23	594.92	640.49	704.15	762.66	796.36	841.79	876.18	889.42	898.81
54	515.28	555.47	612.04	673.57	728.43	765.80	815.01	843.32	861.90	874.92
57	476.35	511.50	575.30	634.65	695.98	734.40	785.45	809.64	831.49	842.44
60	433.59	466.85	523.02	585.91	656.12	703.88	745.10	777.05	799.33	806.58
63	380.28	419.59	478.30	542.29	610.72	671.86	706.43	743.55	767.21	772.54
66	325.39	364.83	435.32	506.85	572.68	634.25	669.34	708.01	730.72	736.51
69	278.05	314.29	396.72	460.20	530.12	588.93	627.52	670.30	688.15	694.45
72	232.31	268.96	350.33	413.42	487.89	542.33	587.41	628.84	645.60	650.15
75	181.17	220.73	296.14	368.95	439.92	499.21	547.24	583.27	604.98	608.32
78	132.40	170.60	247.07	327.52	398.52	452.59	503.92	536.94	566.63	569.22
81	87.57	129.23	214.57	293.59	362.95	416.71	467.79	504.55	530.22	536.86
84	46.94	93.36	174.69	254.71	316.79	384.13	434.99	471.96	492.58	506.73
87	17.85	62.85	142.42	226.33	291.79	353.09	412.88	441.92	466.86	474.25
90	3.75	48.98	128.94	210.21	274.91	332.02	392.13	422.46	451.79	457.30
93	0.46	20.43	61.04	96.39	112.57	152.80	172.65	206.18	186.45	204.07
96	0.05	2.15	4.28	4.76	8.98	9.72	13.70	19.95	21.55	12.71
99	0.03	0.45	1.57	1.73	1.64	1.57	2.24	2.01	4.34	0.69
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 155(SW)-48LED57DMVOA40.IES

CANDELA TABULATION - (Cont.)

162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Horizontal Angles
Angles

	<u>100</u>	<u>110</u>	<u>120</u>	<u>130</u>	<u>140</u>	<u>150</u>	<u>160</u>	<u>170</u>	<u>180</u>	<u>190</u>
0	961.03	961.03	961.03	961.03	961.03	961.03	961.03	961.03	961.03	961.03
3	959.11	958.92	958.53	957.90	957.12	956.82	955.70	955.81	956.16	956.76
6	962.30	962.25	961.47	959.85	957.31	954.07	950.39	947.26	946.89	948.21
9	971.17	970.61	969.48	966.68	961.72	953.83	946.71	939.88	937.31	937.78
12	982.57	980.44	977.14	972.56	964.70	953.29	941.81	934.17	930.07	928.68
15	994.90	992.02	986.21	978.85	966.64	949.29	933.93	926.88	925.67	923.99
18	1005.27	1002.87	991.85	979.82	963.24	941.64	921.41	917.42	917.92	917.50
21	1010.42	1005.22	989.20	972.02	954.29	929.82	908.89	904.01	900.98	898.13
24	1010.11	1002.18	983.89	962.41	938.39	908.15	892.42	885.71	877.19	871.85
27	1009.72	997.00	978.28	954.38	925.42	889.21	867.50	858.80	850.22	849.51
30	1007.76	988.57	970.41	947.16	915.12	876.58	844.33	825.10	820.88	825.65
33	997.49	977.65	961.85	938.83	906.75	869.28	823.50	792.22	789.66	792.86
36	980.36	971.27	951.48	921.58	893.13	858.84	803.54	760.72	758.60	756.86
39	965.47	961.29	934.37	897.60	865.16	830.07	783.41	727.80	729.01	726.03
42	950.53	942.65	913.55	875.89	838.74	793.34	749.84	692.67	697.65	696.42
45	933.23	921.32	889.16	859.17	818.22	757.42	716.92	657.45	661.35	664.41
48	912.94	897.84	861.65	835.53	794.85	729.51	677.02	622.96	621.46	629.85
51	889.21	870.25	836.20	804.15	755.79	702.11	629.99	591.27	579.79	593.84
54	860.21	844.75	810.47	774.49	709.66	658.02	592.48	554.96	535.12	552.42
57	831.77	816.97	779.92	739.38	679.73	614.94	553.08	513.21	486.50	512.42
60	800.74	781.63	741.35	697.70	650.81	574.75	516.09	466.72	436.75	471.25
63	767.22	745.17	704.98	655.65	606.74	538.93	483.59	421.16	388.41	424.66
66	732.62	709.77	669.15	618.51	565.07	502.11	435.21	373.14	339.42	371.58
69	696.50	672.03	630.02	577.42	526.89	453.20	385.82	320.71	287.58	320.70
72	657.75	630.98	590.78	535.09	490.39	410.15	339.72	265.84	234.85	272.21
75	611.87	586.16	548.49	501.01	439.10	367.77	292.54	215.24	183.69	223.29
78	564.31	538.36	504.57	458.18	393.12	326.55	246.92	169.43	134.20	174.68
81	523.98	499.46	460.96	405.25	347.42	279.70	203.03	118.94	83.44	124.85
84	490.85	468.64	425.58	365.60	312.20	244.81	162.75	85.04	45.49	92.44
87	458.52	438.68	401.22	349.61	285.52	218.96	139.89	57.99	16.82	64.37
90	440.40	419.03	380.48	337.33	273.00	200.50	125.30	45.96	3.67	52.97
93	194.27	227.73	195.19	177.96	138.75	119.67	76.20	23.41	0.41	29.57
96	27.53	23.02	20.71	21.69	17.85	13.14	11.59	3.80	0.12	4.75
99	6.94	1.57	1.13	0.75	0.80	0.11	0.10	1.19	0.00	1.47
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 155(SW)-48LED57DMVOA40.IES

CANDELA TABULATION - (Cont.)

135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Angles **Horizontal Angles**

	<u>200</u>	<u>210</u>	<u>220</u>	<u>230</u>	<u>240</u>	<u>250</u>	<u>260</u>	<u>270</u>	<u>280</u>	<u>290</u>
0	961.03	961.03	961.03	961.03	961.03	961.03	961.03	961.03	961.03	961.03
3	957.57	959.63	960.63	962.11	963.15	963.78	964.09	964.08	963.94	963.56
6	952.70	957.81	962.14	965.46	967.58	968.38	968.16	967.36	966.46	965.50
9	943.85	950.85	960.63	967.04	970.40	971.45	971.58	971.12	969.85	967.99
12	931.97	941.95	955.61	964.96	969.42	972.51	975.70	977.30	975.79	971.94
15	925.71	936.35	954.10	967.92	973.22	977.68	984.19	987.28	985.77	979.57
18	918.37	930.79	951.58	971.76	979.62	986.00	993.74	998.57	996.22	989.62
21	904.17	921.15	945.67	969.40	980.15	988.65	999.67	1007.52	1003.65	994.03
24	887.24	911.36	937.80	966.22	977.02	986.61	999.77	1009.90	1005.27	992.38
27	867.17	899.51	928.55	961.28	974.91	986.22	996.51	1003.43	1002.41	988.14
30	841.92	877.84	911.45	950.04	970.91	988.23	992.51	993.83	997.64	983.33
33	812.98	858.86	896.44	933.08	958.75	982.48	985.73	986.76	989.40	971.04
36	792.31	846.66	882.76	910.75	943.38	967.49	975.29	979.64	975.23	954.18
39	776.01	824.60	862.50	891.60	930.60	951.51	965.19	968.84	959.80	940.76
42	749.66	793.18	843.02	877.41	914.70	932.26	952.83	954.73	943.62	929.27
45	716.08	755.10	818.40	858.28	890.74	908.23	933.72	938.17	925.70	912.64
48	679.56	723.51	789.87	828.31	865.58	882.18	909.61	917.87	906.12	888.42
51	634.96	701.96	757.82	798.63	843.67	856.18	883.65	892.80	885.93	857.79
54	598.25	668.19	722.00	775.30	816.08	834.52	853.45	865.24	860.09	827.49
57	557.47	624.15	691.20	745.52	779.96	807.93	826.11	837.07	829.06	797.80
60	517.36	576.63	651.37	705.36	742.33	772.63	799.66	805.47	793.51	767.86
63	484.06	537.53	599.48	662.97	710.85	738.17	769.41	767.99	758.23	734.67
66	437.01	502.54	559.36	623.30	672.80	704.19	731.96	728.70	721.30	695.15
69	387.14	454.02	522.22	579.46	626.32	664.70	690.77	691.47	681.69	653.89
72	339.21	408.91	483.90	535.36	585.64	620.39	650.04	653.20	641.92	616.41
75	291.36	365.67	435.53	496.74	545.42	574.30	605.86	610.83	600.86	577.08
78	246.53	324.91	391.99	455.12	500.51	530.29	561.49	568.45	561.45	529.07
81	208.02	281.65	341.78	401.83	450.74	489.02	515.92	526.30	516.77	486.31
84	172.15	250.99	308.60	362.23	421.04	462.60	486.80	498.96	487.10	459.73
87	141.65	219.24	285.89	350.89	398.39	439.99	457.56	472.67	460.88	442.18
90	131.84	214.29	283.21	342.08	387.84	422.12	449.92	436.52	442.37	421.13
93	87.85	143.80	178.56	218.08	248.68	286.05	278.35	271.86	258.58	278.70
96	13.22	16.81	28.19	30.88	33.85	41.35	39.67	26.96	32.97	38.34
99	0.18	0.24	1.88	1.52	3.42	6.36	11.83	4.30	8.49	7.67
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 155(SW)-48LED57DMVOA40.IES

CANDELA TABULATION - (Cont.)

108	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Vert. Horizontal Angles
Angles

	<u>300</u>	<u>310</u>	<u>320</u>	<u>330</u>	<u>340</u>	<u>350</u>	<u>360</u>
0	961.03	961.03	961.03	961.03	961.03	961.03	961.03
3	963.01	962.26	961.31	960.78	959.43	958.93	958.46
6	964.09	962.29	960.24	957.74	954.74	951.84	950.98
9	965.64	962.53	958.42	952.22	947.21	942.14	941.62
12	967.30	962.88	956.54	947.09	937.09	930.32	929.94
15	973.21	966.29	955.33	941.44	927.52	916.14	915.09
18	981.12	969.54	950.68	932.69	914.59	902.25	898.23
21	982.97	966.35	942.82	919.87	898.43	883.90	880.49
24	977.86	959.03	931.81	904.05	880.22	863.23	860.82
27	970.44	950.08	923.83	892.90	861.75	843.16	838.02
30	961.68	938.91	911.37	879.20	845.34	821.49	812.50
33	949.32	925.71	894.03	860.92	822.93	795.39	784.63
36	937.80	909.39	872.97	837.71	795.36	764.98	753.12
39	928.91	891.33	849.46	806.55	767.67	730.90	717.13
42	914.13	869.78	832.92	782.52	736.55	693.35	679.20
45	887.50	845.76	813.71	756.94	704.70	653.86	641.57
48	858.28	819.33	783.04	724.67	672.34	615.44	601.86
51	833.87	787.99	746.87	689.49	634.13	580.86	558.23
54	804.45	754.52	711.86	652.08	602.92	540.24	515.28
57	772.55	720.64	681.73	617.99	563.52	497.26	476.35
60	739.40	691.07	644.19	576.36	516.11	456.32	433.59
63	703.10	654.20	602.75	535.25	475.86	411.41	380.28
66	664.51	614.25	563.73	495.62	426.54	356.38	325.39
69	627.32	572.63	515.15	444.73	376.53	305.93	278.05
72	585.43	529.54	469.30	403.60	330.77	261.59	232.31
75	537.60	488.45	420.04	363.84	286.94	213.71	181.17
78	494.95	443.67	380.47	320.58	241.44	163.39	132.40

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 155(SW)-48LED57DMVOA40.IES

CANDELA TABULATION - (Cont.)

81	456.23	401.37	350.39	285.57	207.58	124.12	87.57
84	430.53	366.82	313.35	251.25	167.01	87.87	46.94
87	408.33	345.77	298.79	219.77	143.29	61.73	17.85
90	378.99	330.67	276.77	211.18	128.49	46.04	3.75
93	224.43	186.96	143.78	114.13	66.22	19.54	0.46
96	27.19	18.05	17.17	8.79	5.77	2.60	0.05
99	7.29	4.59	3.30	3.70	2.10	0.67	0.03
102	0.00	0.00	0.00	0.00	0.00	0.00	0.00
105	0.00	0.00	0.00	0.00	0.00	0.00	0.00
108	0.00	0.00	0.00	0.00	0.00	0.00	0.00
111	0.00	0.00	0.00	0.00	0.00	0.00	0.00
114	0.00	0.00	0.00	0.00	0.00	0.00	0.00
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.00	0.00	0.00	0.00	0.00	0.00	0.00
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	0.00	0.00	0.00	0.00	0.00	0.00	0.00
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00
147	0.00	0.00	0.00	0.00	0.00	0.00	0.00
150	0.00	0.00	0.00	0.00	0.00	0.00	0.00
153	0.00	0.00	0.00	0.00	0.00	0.00	0.00
156	0.00	0.00	0.00	0.00	0.00	0.00	0.00
159	0.00	0.00	0.00	0.00	0.00	0.00	0.00
162	0.00	0.00	0.00	0.00	0.00	0.00	0.00
165	0.00	0.00	0.00	0.00	0.00	0.00	0.00
168	0.00	0.00	0.00	0.00	0.00	0.00	0.00
171	0.00	0.00	0.00	0.00	0.00	0.00	0.00
174	0.00	0.00	0.00	0.00	0.00	0.00	0.00
177	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 155(SW)-48LED57DMVOA40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	295.09	N.A.	7.20
0-30	797.57	N.A.	19.40
0-40	1295.95	N.A.	31.60
0-60	2621.7	N.A.	63.90
0-80	3579.12	N.A.	87.30
0-90	4000.85	N.A.	97.50
10-90	3926.66	N.A.	95.70
20-40	1000.87	N.A.	24.40
20-50	1561.9	N.A.	38.10
40-70	1849.39	N.A.	45.10
60-80	957.42	N.A.	23.30
70-80	433.77	N.A.	10.60
80-90	421.73	N.A.	10.30
90-110	101.06	N.A.	2.50
90-120	101.06	N.A.	2.50
90-130	101.06	N.A.	2.50
90-150	101.06	N.A.	2.50
90-180	101.06	N.A.	2.50
110-180	0.00	N.A.	0.00
0-180	4101.91	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	74.19
10-20	220.89
20-30	502.48
30-40	498.38
40-50	561.04
50-60	764.71
60-70	523.65
70-80	433.77
80-90	421.73
90-100	100.62
100-110	0.44
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

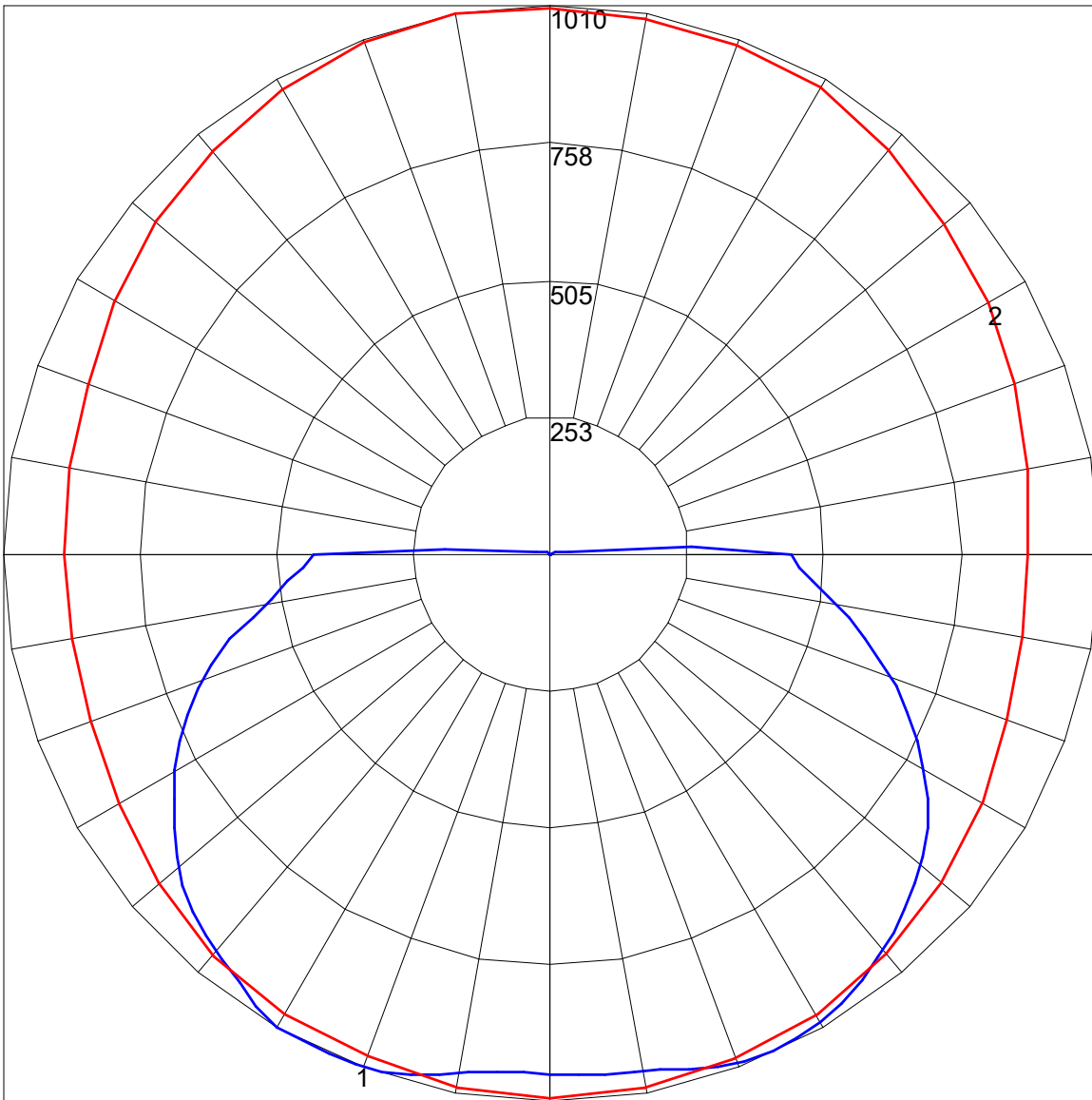
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 155(SW)-48LED57DMVOA40.IES

COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

Effective Floor Cavity Reflectance 0.20

RC RW	80				70				50			30			10			0
	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	0
0	118	118	118	118	115	115	115	115	110	110	110	105	105	105	100	100	100	98
1	104	97	91	86	101	95	89	84	90	85	81	85	82	78	81	78	75	73
2	93	83	74	67	90	81	73	66	76	70	64	73	67	62	69	64	60	58
3	84	71	62	54	81	69	61	53	66	58	52	63	56	51	60	54	49	47
4	76	62	52	45	73	61	51	44	58	50	43	55	48	42	52	46	41	39
5	70	55	45	38	67	54	44	37	51	43	36	49	42	36	47	40	35	33
6	64	49	39	32	62	48	39	32	46	38	31	44	36	31	42	35	30	28
7	59	44	35	28	57	43	34	28	41	33	27	40	32	27	38	31	26	24
8	55	40	31	25	53	39	30	24	38	30	24	36	29	24	35	28	23	21
9	51	37	28	22	49	36	27	22	34	27	21	33	26	21	32	26	21	19
10	48	34	25	20	46	33	25	19	32	24	19	31	24	19	30	23	19	17

POLAR GRAPH



Maximum Candela = 1010.42 Located At Horizontal Angle = 100, Vertical Angle = 21
1 - Vertical Plane Through Horizontal Angles (100 - 280) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (21) (Through Max. Cd.)