



IES INDOOR REPORT

PHOTOMETRIC FILENAME : L44IRX48LED48DMV40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L44IRx48LED48DMV40
 [TESTDATE] 18-Jun-2019 07:21:50
 [TESTLAB] Radiant Vision Systems ProSource
 [ISSUE DATE] 6/18/2019 9:01:56 AM
 [MANUFAC] Mobern Lighting Co.
 [LAMP] LED Module
 [TOTALLUMINAIRELUMENS] 3611.1
 [DRIVER TYPE](1) OSRAM OT50W
 [BOARD/LAMP TYPE] (2) "C" STRIPS 4FT
 [COLOR TEMP] 3652 CCT
 [LUMEN/WATT] 75 LPW
 [CRI] 85.0
 [NUMBEROFRAYS]10000000
 [OTHER] Absolute Photometry measurement

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3612
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	75
Total Luminaire Watts	48.3
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.30
Spacing Criterion (Diagonal)	1.42
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.22 m
Luminous Width (90-270)	0.10 m
Luminous Height	0.10 m

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	8572	5328	4834
55	7931	4473	4033
65	7284	3612	3167
75	6306	2459	2027
85	3082	621	351

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L44IRX48LED48DMV40.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	1160.51	1160.51	1160.51	1160.51	1160.51	1160.51	1160.51	1160.51	1160.51	1160.51
3	1156.40	1156.96	1157.50	1158.76	1159.17	1159.82	1160.24	1160.44	1160.49	1160.48
6	1149.76	1151.02	1153.64	1155.92	1157.36	1158.12	1158.41	1157.85	1157.06	1156.25
9	1141.60	1142.67	1146.07	1148.10	1150.62	1151.47	1150.99	1149.77	1148.54	1147.71
12	1131.03	1130.70	1131.86	1134.18	1137.28	1137.37	1136.94	1135.86	1135.73	1136.48
15	1116.84	1113.44	1113.06	1114.04	1115.80	1118.40	1119.44	1120.12	1121.10	1124.01
18	1098.14	1095.00	1090.43	1093.60	1095.19	1100.90	1103.82	1102.63	1104.93	1108.93
21	1074.77	1074.35	1073.18	1075.60	1075.40	1080.74	1086.69	1082.49	1083.21	1089.59
24	1048.70	1053.14	1055.61	1053.80	1048.79	1053.09	1060.10	1055.87	1057.71	1065.43
27	1021.31	1027.15	1027.04	1029.33	1023.31	1024.17	1030.96	1027.23	1031.68	1036.76
30	989.60	992.89	990.60	998.65	995.76	994.51	1000.41	999.76	1006.02	1005.72
33	950.90	954.25	953.61	963.61	962.88	963.12	968.42	967.72	976.33	974.33
36	908.27	916.59	917.57	925.94	923.22	928.41	936.27	935.24	942.09	942.05
39	866.39	881.95	880.45	880.32	883.95	890.91	898.83	902.52	907.44	907.91
42	830.29	841.19	834.60	840.88	851.91	850.02	858.88	861.65	869.49	872.07
45	800.44	790.50	789.56	799.93	815.92	807.35	816.10	820.59	828.62	834.45
48	759.83	741.01	748.96	753.45	767.81	763.28	775.00	784.59	789.09	793.05
51	696.25	699.38	698.90	703.81	714.94	718.69	733.89	744.24	752.98	746.79
54	633.61	650.01	655.91	651.59	665.86	674.23	687.68	697.67	709.31	700.10
57	593.53	596.73	607.74	606.29	623.86	627.33	645.00	648.80	658.35	656.36
60	553.02	547.86	551.04	554.53	573.42	580.42	598.84	601.07	602.85	609.40
63	488.44	494.34	499.58	503.72	516.72	532.95	549.17	549.47	549.95	553.43
66	418.44	428.73	439.43	457.68	467.03	484.20	492.52	490.79	494.22	493.77
69	364.48	370.44	382.38	400.38	412.82	425.67	430.98	430.64	434.61	435.83
72	316.48	321.36	328.28	345.04	360.11	363.82	370.12	370.41	373.70	374.47
75	260.12	266.86	275.08	290.21	297.52	301.40	301.53	300.10	301.81	303.04
78	196.39	205.67	221.73	234.56	232.49	227.79	224.35	214.67	219.56	219.54
81	140.11	151.65	176.51	182.08	175.24	163.22	151.04	144.75	143.53	139.20
84	80.62	100.77	107.89	109.79	90.51	76.86	69.29	62.07	66.85	59.07
87	29.28	46.60	41.96	30.54	28.64	22.65	23.06	20.40	18.80	21.24
90	2.68	9.21	8.74	5.62	6.49	5.92	4.39	5.09	5.24	4.32
93	0.20	4.43	3.51	2.63	2.07	1.97	2.44	1.74	1.88	1.49
96	0.02	1.01	0.41	0.25	0.51	0.44	0.14	0.08	0.37	0.42
99	0.00	0.30	0.11	0.15	0.11	0.07	0.09	0.04	0.15	0.13
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 : L44IRX48LED48DMV40.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

	100	110	120	130	140	150	160	170	180	190
0	1160.51	1160.51	1160.51	1160.51	1160.51	1160.51	1160.51	1160.51	1160.51	1160.51
3	1160.37	1160.31	1160.26	1160.23	1160.34	1160.63	1160.66	1160.91	1161.07	1161.12
6	1155.59	1155.31	1155.19	1155.07	1155.54	1156.26	1157.09	1157.78	1158.82	1159.49
9	1147.66	1147.81	1147.89	1147.76	1147.86	1148.71	1150.84	1152.61	1154.43	1155.10
12	1137.81	1139.25	1140.28	1140.19	1140.18	1140.33	1142.66	1145.18	1146.81	1146.27
15	1126.10	1128.59	1129.60	1129.65	1128.90	1130.67	1133.83	1134.87	1134.78	1131.85
18	1111.97	1113.08	1114.02	1113.23	1112.53	1117.41	1120.54	1122.06	1118.59	1116.00
21	1092.37	1093.36	1093.39	1088.72	1088.87	1096.53	1100.51	1101.27	1099.38	1097.42
24	1068.06	1067.85	1066.71	1059.85	1056.88	1064.40	1071.11	1075.44	1079.91	1076.46
27	1041.10	1040.84	1042.39	1035.71	1029.48	1034.36	1033.37	1047.54	1061.49	1048.95
30	1012.40	1015.37	1018.05	1014.42	1007.75	1009.03	995.53	1013.53	1038.06	1012.73
33	978.10	983.04	987.62	986.36	983.71	989.34	964.00	972.76	1004.51	973.09
36	939.62	944.89	950.92	947.21	944.22	964.18	939.71	929.57	966.86	932.12
39	902.16	907.72	910.94	905.86	897.32	917.57	916.15	890.38	931.44	891.56
42	863.91	871.53	875.39	869.01	863.22	867.20	881.70	851.06	894.85	849.45
45	826.53	837.31	830.89	828.93	832.66	815.15	820.83	812.13	852.61	809.94
48	790.34	796.30	780.01	783.05	793.85	770.30	783.05	774.26	806.29	773.37
51	753.73	747.75	740.73	744.18	741.70	735.12	719.86	737.80	758.18	738.94
54	709.45	704.67	705.37	711.36	684.74	683.81	667.17	695.23	707.49	697.25
57	660.92	661.02	664.09	666.32	639.84	623.64	617.19	647.80	653.60	647.52
60	607.25	612.70	613.61	608.08	593.84	565.15	574.30	594.93	599.50	592.69
63	555.77	561.80	561.83	552.33	532.98	519.20	534.91	539.68	547.29	540.40
66	502.96	504.53	502.61	498.71	477.30	478.78	476.99	481.14	491.69	485.04
69	440.17	442.74	438.62	433.60	425.67	423.44	420.00	423.68	428.49	422.93
72	371.37	380.54	378.19	371.18	376.56	365.95	364.56	366.30	364.79	357.76
75	296.60	308.86	311.12	312.17	314.23	307.36	304.40	306.45	307.42	298.15
78	217.76	221.68	234.92	240.70	246.01	251.19	247.79	244.47	250.66	241.57
81	139.99	141.67	149.67	162.86	172.13	183.58	189.99	176.26	182.82	172.94
84	62.79	61.12	69.56	79.35	89.60	109.79	118.81	127.10	124.56	121.01
87	19.68	17.97	22.01	21.71	31.22	30.82	50.10	66.75	72.12	60.51
90	4.65	5.40	4.93	3.66	5.70	4.69	10.20	17.04	32.61	9.17
93	2.09	1.72	1.54	2.18	1.68	1.06	2.09	6.20	2.40	0.54
96	0.36	0.24	0.29	0.61	0.73	0.30	0.41	2.37	0.55	0.03
99	0.15	0.14	0.10	0.23	0.29	0.35	0.35	0.81	0.03	0.00
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 : L44IRX48LED48DMV40.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	1160.51	1160.51	1160.51	1160.51	1160.51	1160.51	1160.51	1160.51	1160.51	1160.51
3	1161.07	1160.82	1160.52	1159.88	1159.17	1158.42	1157.69	1157.11	1156.48	1156.04
6	1160.10	1160.01	1159.29	1158.16	1156.63	1154.75	1153.23	1151.87	1150.88	1150.38
9	1155.81	1155.19	1154.40	1152.75	1150.33	1148.27	1146.91	1145.89	1145.09	1144.29
12	1145.46	1145.15	1145.39	1142.67	1139.11	1136.82	1137.13	1137.63	1136.49	1134.58
15	1130.84	1130.60	1130.77	1128.28	1123.07	1121.15	1122.96	1125.06	1122.50	1118.81
18	1111.62	1112.14	1111.46	1109.50	1104.24	1102.77	1106.33	1107.20	1104.07	1097.45
21	1092.93	1090.41	1088.64	1085.95	1085.02	1086.19	1086.74	1083.83	1080.21	1076.06
24	1069.70	1062.76	1061.14	1059.88	1063.44	1068.02	1065.03	1056.88	1054.14	1054.03
27	1034.61	1035.33	1035.17	1032.98	1038.30	1040.81	1038.91	1028.57	1026.91	1027.73
30	995.11	1008.53	1010.21	1004.96	1009.41	1006.19	1008.08	1000.16	998.40	997.01
33	962.21	985.61	983.67	974.64	981.11	968.26	971.52	971.93	965.87	961.80
36	937.37	958.15	943.66	933.53	947.14	933.70	931.86	941.21	929.98	927.16
39	913.16	910.67	899.15	892.56	903.76	899.37	895.10	905.23	895.20	891.31
42	872.05	862.01	867.84	861.65	865.07	861.13	857.98	863.74	857.84	851.03
45	822.16	817.36	835.10	822.58	818.75	824.73	821.41	818.39	818.68	812.29
48	777.33	778.77	790.24	773.70	768.55	786.21	784.55	775.16	777.94	771.12
51	713.64	737.92	737.55	731.44	731.34	742.32	746.41	738.00	736.45	726.67
54	666.16	676.40	686.96	693.46	692.68	698.70	700.95	698.41	691.08	687.28
57	619.08	616.18	645.69	647.82	646.92	651.16	652.54	648.41	647.81	643.68
60	574.18	565.63	595.38	595.14	597.61	602.80	600.06	594.32	600.96	591.19
63	534.33	521.98	532.91	540.48	550.62	555.39	548.33	543.45	551.54	536.90
66	473.55	473.33	479.74	488.32	497.44	500.55	495.35	492.22	498.51	483.46
69	409.13	410.81	426.40	431.90	440.04	438.62	440.15	435.57	438.60	429.90
72	351.80	356.02	372.18	376.18	383.96	378.47	382.34	373.45	374.66	372.45
75	295.91	303.05	310.30	317.09	317.49	313.20	311.62	305.57	303.36	303.10
78	243.94	249.12	247.55	246.36	235.53	230.04	228.69	225.93	225.44	218.20
81	184.44	174.62	163.63	156.38	136.99	127.23	125.13	123.26	127.37	127.13
84	109.84	100.68	76.94	74.20	62.86	50.33	50.50	48.86	52.70	49.99
87	43.00	23.42	23.34	19.75	17.48	15.00	15.91	17.18	16.91	13.71
90	4.05	1.57	0.71	0.40	0.53	0.19	0.89	1.80	1.10	0.24
93	0.28	0.06	0.03	0.07	0.05	0.08	0.09	0.00	0.06	0.01
96	0.05	0.11	0.18	0.07	0.03	0.01	0.01	0.00	0.01	0.01
99	0.34	0.36	0.32	0.12	0.15	0.16	0.00	0.00	0.00	0.17
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 : L44IRX48LED48DMV40.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	1160.51	1160.51	1160.51	1160.51	1160.51	1160.51	1160.51
3	1155.66	1155.30	1155.20	1155.57	1155.25	1155.82	1156.40
6	1150.03	1149.59	1149.53	1149.44	1149.20	1148.83	1149.76
9	1143.72	1143.50	1143.39	1142.76	1142.40	1141.16	1141.60
12	1133.59	1133.83	1134.71	1133.69	1132.69	1131.58	1131.03
15	1116.17	1116.72	1116.72	1116.93	1117.39	1116.79	1116.84
18	1093.67	1094.10	1093.08	1093.98	1094.56	1098.94	1098.14
21	1072.46	1073.41	1073.41	1072.43	1074.32	1075.90	1074.77
24	1052.37	1055.28	1054.40	1052.77	1055.33	1050.79	1048.70
27	1029.76	1031.13	1029.14	1029.15	1028.29	1022.28	1021.31
30	1000.23	996.28	993.10	994.65	993.44	987.81	989.60
33	968.22	962.05	959.85	956.79	954.65	951.05	950.90
36	932.02	924.78	926.48	919.32	914.49	914.69	908.27
39	888.66	885.17	887.26	872.18	876.68	879.31	866.39
42	851.23	845.55	848.95	828.74	834.24	837.66	830.29
45	810.45	800.82	807.45	788.42	790.65	786.13	800.44
48	765.14	753.88	760.22	747.68	748.91	735.20	759.83
51	724.75	709.36	707.48	701.78	700.33	693.78	696.25
54	681.02	664.14	654.76	648.38	660.06	647.47	633.61
57	635.28	618.23	612.95	600.06	609.69	596.58	593.53
60	587.17	573.74	566.59	545.79	545.11	547.58	553.02
63	538.21	526.76	510.93	492.68	489.54	492.88	488.44
66	481.85	478.74	459.38	444.32	431.04	426.59	418.44
69	421.94	422.48	405.72	386.59	377.13	368.38	364.48
72	365.83	361.75	354.94	334.35	325.46	322.27	316.48
75	303.16	299.85	293.16	282.53	274.23	263.68	260.12
78	228.61	226.80	229.05	227.33	218.55	200.05	196.39

IES INDOOR REPORT
PHOTOMETRIC FILENAME : L44IRX48LED48DMV40.IES

CANDELA TABULATION - (Cont.)

81	135.61	146.54	161.87	167.50	166.21	142.75	140.11
84	60.98	66.18	77.59	95.73	94.37	89.11	80.62
87	18.00	16.92	21.86	22.88	30.34	35.06	29.28
90	0.60	0.49	0.45	0.65	2.19	2.38	2.68
93	0.01	0.01	0.02	0.00	0.01	0.02	0.20
96	0.02	0.01	0.18	0.10	0.04	0.00	0.02
99	0.12	0.01	0.11	0.26	0.29	0.00	0.00
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 : L44IRX48LED48DMV40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	348.73	N.A.	9.70
0-30	912.07	N.A.	25.20
0-40	1442.5	N.A.	39.90
0-60	2729.63	N.A.	75.60
0-80	3486.4	N.A.	96.50
0-90	3611.09	N.A.	100.00
10-90	3521.81	N.A.	97.50
20-40	1093.76	N.A.	30.30
20-50	1660.03	N.A.	46.00
40-70	1734.29	N.A.	48.00
60-80	756.77	N.A.	20.90
70-80	309.61	N.A.	8.60
80-90	124.69	N.A.	3.50
90-110	1.35	N.A.	0.00
90-120	1.35	N.A.	0.00
90-130	1.35	N.A.	0.00
90-150	1.35	N.A.	0.00
90-180	1.35	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	3612.44	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	89.28
10-20	259.45
20-30	563.33
30-40	530.43
40-50	566.26
50-60	720.87
60-70	447.15
70-80	309.61
80-90	124.69
90-100	1.32
100-110	0.03
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

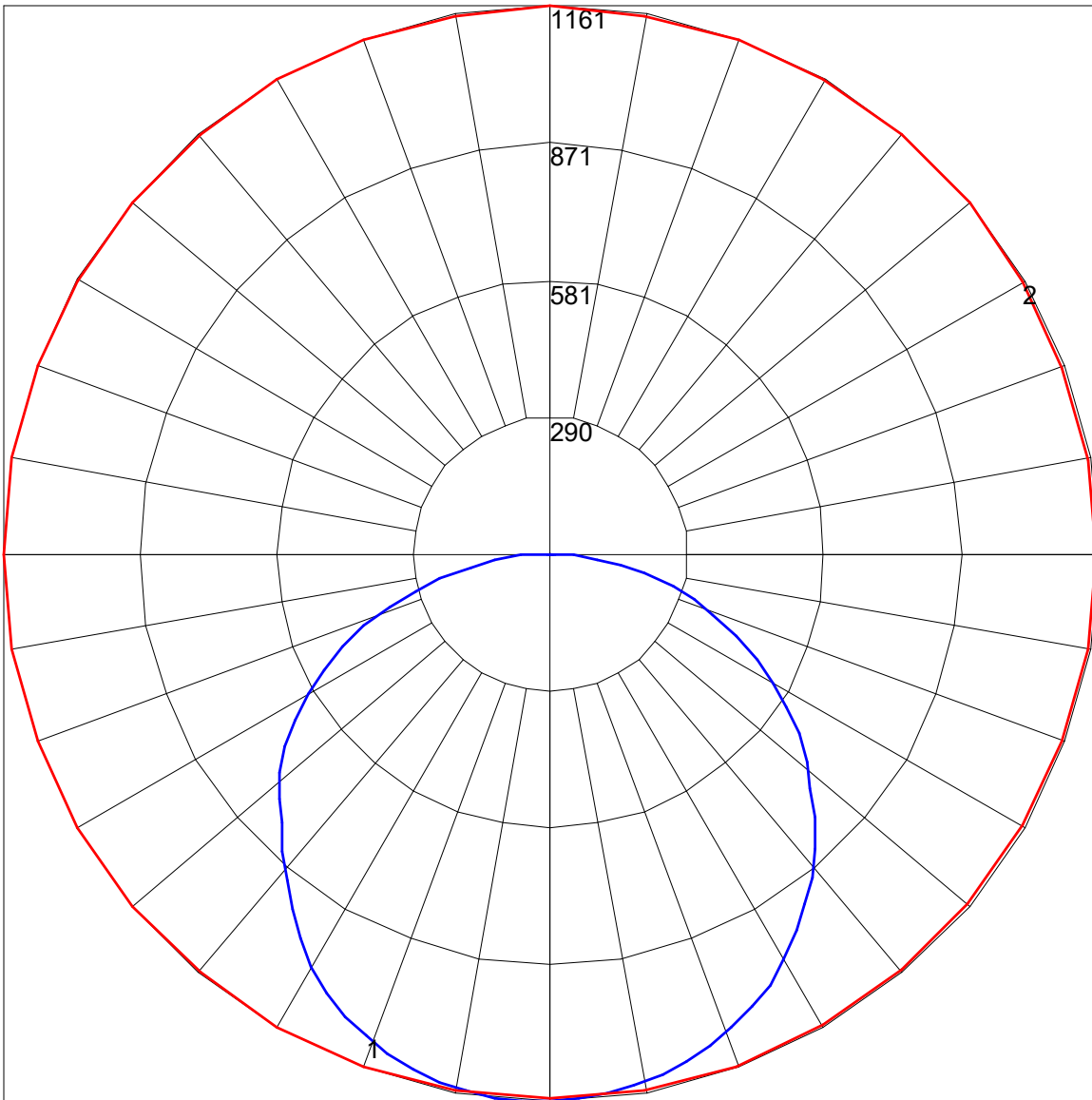
IES INDOOR REPORT
PHOTOMETRIC FILENAME : L44IRX48LED48DMV40.IES

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	102	98	93	105	100	96	92	96	92	89	92	89	86	88	86	84	81
2	97	88	81	75	94	86	80	74	83	77	72	79	75	70	76	72	69	66
3	88	77	68	61	86	75	67	61	72	65	60	69	63	58	67	62	57	55
4	80	68	58	51	78	66	58	51	64	56	50	61	55	49	59	53	49	46
5	74	60	51	44	71	59	50	43	57	49	43	55	48	42	53	47	42	40
6	68	54	44	38	66	53	44	38	51	43	37	49	42	37	48	41	36	34
7	63	49	39	33	61	48	39	33	46	38	33	45	38	32	43	37	32	30
8	58	44	35	29	57	43	35	29	42	34	29	41	34	29	40	33	29	27
9	54	40	32	26	53	40	32	26	39	31	26	37	31	26	36	30	26	24
10	51	37	29	24	49	37	29	23	36	28	23	35	28	23	34	28	23	21

POLAR GRAPH



Maximum Candela = 1161.12 Located At Horizontal Angle = 190, Vertical Angle = 3
1 - Vertical Plane Through Horizontal Angles (190 - 10) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (3) (Through Max. Cd.)