



IES INDOOR REPORT
PHOTOMETRIC FILENAME : L44WWSF48-LED48DMV35WH.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] L44WWSF48-LED48DMV35WH
 [TESTDATE] 13-Nov-2017 10:28:59
 [TESTLAB] Radiant Vision Systems ProSource
 [ISSUE DATE] 11/13/2017 11:27:13 AM
 [MANUFAC] Mobern Lighting Co.
 [LAMP] LED Module
 [_TOTALLUMINAIRELUMENS] 4327.6
 [_NUMBEROFRAYS]10000000
 [MORE] (1) OSRAM OT50W
 [MORE] LED TAPE - 23" & 24", 3,502 CCT
 [MORE] 82.7
 [OTHER] Absolute Photometry measurement

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	4330
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	90
Total Luminaire Watts	48.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.32
Spacing Criterion (Diagonal)	1.34
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	10796	7235	6603
55	9664	5717	5142
65	8447	4211	3716
75	6694	2521	2175
85	3273	856	753

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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	1624.84	1624.84	1624.84	1624.84	1624.84	1624.84	1624.84	1624.84	1624.84	1624.84
3	1620.90	1624.30	1627.24	1631.05	1633.08	1635.69	1637.57	1638.90	1639.72	1639.71
6	1608.44	1614.93	1622.17	1627.79	1632.04	1635.90	1640.14	1643.70	1645.73	1646.60
9	1589.44	1598.78	1610.05	1617.20	1625.71	1633.57	1641.49	1646.13	1647.76	1648.17
12	1565.97	1579.70	1594.16	1606.95	1618.90	1630.26	1641.30	1646.26	1645.50	1644.49
15	1538.86	1554.94	1573.88	1587.26	1597.77	1612.84	1625.33	1632.62	1633.53	1634.51
18	1504.29	1525.76	1541.24	1558.40	1566.77	1581.05	1593.61	1602.02	1610.37	1615.59
21	1459.46	1483.71	1504.78	1525.84	1538.35	1549.97	1562.70	1568.90	1576.03	1585.81
24	1410.45	1437.53	1462.14	1480.43	1502.06	1516.83	1531.08	1535.63	1538.71	1547.29
27	1363.04	1391.77	1409.73	1435.10	1460.95	1474.71	1491.92	1496.38	1502.31	1503.11
30	1313.01	1338.93	1356.37	1384.16	1408.79	1419.93	1438.46	1447.27	1462.84	1455.56
33	1255.36	1277.88	1301.19	1327.94	1351.01	1363.91	1380.17	1385.71	1410.23	1405.42
36	1191.94	1214.44	1243.57	1267.34	1285.93	1303.84	1324.19	1327.22	1343.95	1348.04
39	1126.76	1151.45	1183.64	1194.17	1220.01	1240.93	1260.76	1270.72	1275.53	1280.10
42	1064.98	1083.26	1111.32	1129.71	1164.60	1176.00	1193.45	1200.91	1204.27	1208.52
45	1008.07	1010.51	1039.97	1059.64	1100.03	1104.23	1116.13	1125.50	1132.74	1139.74
48	942.41	941.20	972.68	984.12	1022.58	1025.13	1038.33	1053.18	1058.02	1067.53
51	858.34	877.34	894.52	912.69	939.37	946.82	967.38	979.70	982.25	985.74
54	776.33	802.47	833.76	835.51	853.90	871.27	889.88	906.49	899.30	900.91
57	714.65	728.51	763.37	762.70	780.76	793.79	807.98	826.11	820.78	820.33
60	652.83	662.62	673.99	681.70	702.79	714.09	717.78	741.16	739.97	741.36
63	570.16	588.47	594.16	603.03	616.42	633.99	637.98	656.58	655.68	659.62
66	483.36	496.97	511.07	528.77	538.71	556.72	560.88	570.64	566.18	574.31
69	416.36	415.05	438.52	439.39	457.40	473.72	476.86	484.90	479.25	486.61
72	347.75	347.44	363.73	361.30	382.59	392.80	393.38	401.00	401.42	402.11
75	276.14	277.79	283.68	289.36	298.06	315.88	311.42	315.72	323.67	325.10
78	203.09	204.77	210.80	221.43	220.43	236.10	240.24	237.01	247.50	251.03
81	142.07	145.38	159.29	166.14	167.66	178.40	182.08	181.52	184.20	185.38
84	83.64	90.28	91.90	101.33	101.62	110.76	117.52	112.95	123.89	118.51
87	35.01	39.35	42.25	43.90	52.77	54.57	57.89	55.85	66.23	61.56
90	5.04	7.61	11.50	12.28	14.81	18.82	20.88	22.41	21.08	24.11
93	0.69	0.93	1.50	2.55	3.24	4.03	4.46	5.69	5.37	7.48
96	0.07	0.08	0.08	0.11	0.42	0.38	0.13	0.37	0.67	0.52
99	0.01	0.02	0.05	0.12	0.14	0.07	0.05	0.04	0.13	0.04
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

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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>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	1624.84	1624.84	1624.84	1624.84	1624.84	1624.84	1624.84	1624.84	1624.84	1624.84
3	1639.37	1638.18	1636.45	1634.12	1631.11	1628.97	1624.86	1622.12	1619.12	1615.81
6	1645.83	1643.74	1639.84	1635.01	1630.37	1625.20	1618.82	1611.39	1605.57	1598.67
9	1648.35	1647.10	1642.34	1633.96	1625.64	1616.44	1608.32	1596.22	1586.64	1576.17
12	1646.06	1646.81	1640.57	1627.84	1616.55	1605.83	1593.94	1579.07	1563.97	1549.81
15	1634.43	1633.85	1624.37	1607.05	1590.43	1583.20	1572.75	1555.03	1538.07	1517.68
18	1614.59	1609.02	1601.01	1581.81	1562.23	1555.42	1540.96	1527.62	1505.95	1483.41
21	1588.67	1582.53	1575.91	1558.45	1538.58	1525.08	1508.70	1492.15	1465.59	1443.96
24	1554.73	1545.05	1529.94	1518.93	1495.25	1468.41	1463.15	1449.52	1422.13	1401.65
27	1504.97	1492.55	1476.45	1469.97	1446.54	1410.65	1395.63	1392.22	1379.79	1348.07
30	1447.50	1445.00	1430.56	1426.05	1403.92	1365.91	1333.66	1322.72	1331.95	1281.74
33	1389.41	1395.58	1383.66	1379.39	1361.46	1329.56	1283.92	1263.07	1272.49	1214.51
36	1330.51	1336.80	1322.08	1311.33	1294.86	1281.85	1235.58	1205.64	1207.92	1148.93
39	1270.45	1272.74	1246.99	1230.51	1207.28	1201.75	1185.24	1135.01	1145.56	1087.85
42	1202.55	1201.66	1179.40	1162.51	1143.08	1120.22	1121.38	1057.89	1082.97	1024.06
45	1127.98	1129.65	1107.90	1104.54	1093.94	1043.17	1043.70	992.18	1016.34	956.22
48	1051.30	1051.03	1031.05	1032.83	1030.84	977.76	968.94	933.06	946.23	887.50
51	979.64	967.21	963.06	953.34	939.27	915.38	878.93	874.72	874.16	825.50
54	901.70	894.51	894.20	880.96	842.43	827.98	804.38	807.35	801.24	763.15
57	821.27	817.80	818.29	803.07	771.93	738.59	724.95	734.45	727.82	700.11
60	735.68	731.55	731.16	711.35	697.77	656.63	652.66	655.91	652.07	631.98
63	651.97	647.83	649.09	620.73	602.54	584.16	591.60	578.09	572.71	559.50
66	567.30	567.04	561.39	543.04	520.39	514.67	509.64	498.77	492.99	480.38
69	484.41	485.88	467.96	463.16	443.20	428.19	429.94	420.96	416.22	401.30
72	405.98	406.10	384.24	385.80	370.69	349.28	353.95	344.60	341.59	325.65
75	322.90	324.08	304.27	310.99	289.33	274.22	274.91	269.78	267.75	254.32
78	241.99	243.36	232.45	232.85	215.27	207.92	202.81	197.91	195.89	186.29
81	174.85	180.24	166.77	163.33	151.40	145.51	138.15	124.77	123.28	114.68
84	116.11	114.45	103.66	97.37	90.09	88.61	78.22	74.99	69.13	67.82
87	57.35	52.57	49.94	46.83	42.10	38.46	31.67	33.20	28.22	27.51
90	21.33	19.16	18.95	13.08	13.22	8.80	8.62	5.31	6.45	5.84
93	5.61	5.98	5.49	3.90	4.30	4.06	3.44	2.72	2.95	1.96
96	0.53	0.50	0.61	0.61	0.72	0.29	0.39	1.36	0.67	0.51
99	0.06	0.03	0.13	0.11	0.12	0.16	0.10	0.50	0.23	0.10
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

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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	1624.84	1624.84	1624.84	1624.84	1624.84	1624.84	1624.84	1624.84	1624.84	1624.84
3	1612.22	1609.90	1606.66	1603.83	1602.21	1600.87	1599.85	1599.79	1599.29	1599.87
6	1593.29	1586.58	1580.13	1574.67	1571.71	1568.76	1567.15	1566.39	1565.35	1565.41
9	1567.32	1556.16	1545.39	1536.33	1529.66	1526.88	1526.72	1527.34	1528.49	1528.99
12	1538.37	1526.48	1514.28	1498.47	1486.73	1480.20	1480.19	1483.93	1489.13	1494.44
15	1504.24	1491.29	1474.92	1457.54	1444.19	1437.02	1433.02	1437.28	1444.76	1455.84
18	1460.94	1453.24	1436.64	1418.56	1405.46	1395.07	1389.37	1388.60	1399.17	1407.48
21	1420.93	1410.51	1393.00	1372.45	1363.65	1352.38	1341.47	1338.68	1348.91	1356.72
24	1369.70	1340.66	1328.89	1311.59	1305.44	1298.20	1288.87	1286.24	1295.14	1298.94
27	1300.87	1273.51	1266.48	1250.78	1245.27	1237.85	1232.42	1230.32	1238.40	1239.81
30	1234.88	1223.39	1218.37	1197.80	1187.15	1181.68	1176.63	1173.56	1182.12	1186.56
33	1181.51	1183.14	1173.17	1147.13	1131.38	1122.70	1120.29	1117.97	1123.56	1124.81
36	1130.21	1136.25	1108.31	1085.16	1071.64	1063.01	1061.11	1060.06	1061.97	1059.12
39	1082.27	1066.39	1033.94	1016.93	1002.75	1003.99	998.54	996.76	1001.75	999.82
42	1009.29	991.20	976.85	959.28	943.39	940.89	931.85	932.29	939.18	939.17
45	945.51	914.53	923.51	903.50	885.85	881.28	868.90	870.92	875.52	880.65
48	876.93	848.94	858.76	833.26	823.11	818.90	809.21	810.19	814.33	822.21
51	792.40	793.00	785.33	761.92	758.23	750.15	750.42	746.94	756.26	756.49
54	726.53	722.91	716.03	701.89	689.42	688.63	684.63	682.42	689.88	691.99
57	658.07	649.86	656.11	641.99	626.11	628.20	620.13	618.40	623.51	627.78
60	593.09	577.30	585.86	572.66	562.69	565.22	554.57	554.40	557.26	563.28
63	536.34	512.51	504.58	502.13	501.49	501.29	491.90	489.73	493.50	499.00
66	461.03	448.78	434.16	435.03	434.03	433.48	428.75	424.70	427.64	432.77
69	388.03	370.64	365.23	364.12	365.59	365.02	363.96	359.99	361.93	367.12
72	317.45	303.19	303.48	299.68	301.17	300.14	301.44	297.09	300.08	304.54
75	243.40	239.08	236.04	237.46	232.38	234.17	238.07	236.87	235.12	240.78
78	177.49	178.95	173.06	174.32	172.19	172.16	177.51	177.65	172.00	177.84
81	117.70	114.87	111.26	111.91	109.96	113.09	111.99	112.79	110.09	119.51
84	64.87	65.13	58.46	60.68	64.44	65.91	67.99	65.41	68.88	67.14
87	24.91	20.49	24.52	24.83	26.64	26.98	27.92	30.70	31.67	28.15
90	4.63	5.52	7.07	6.61	6.09	10.75	8.98	9.86	11.45	8.35
93	1.54	4.14	3.56	4.63	3.83	5.48	3.39	4.87	4.22	4.17
96	0.19	0.21	0.79	0.86	0.37	0.59	0.59	0.50	0.63	0.50
99	0.14	0.10	0.37	0.25	0.06	0.05	0.10	0.07	0.16	0.10
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 : L44WWSF48-LED48DMV35WH.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

	300	310	320	330	340	350	360
0	1624.84	1624.84	1624.84	1624.84	1624.84	1624.84	1624.84
3	1600.93	1602.51	1605.72	1609.58	1612.71	1617.02	1620.90
6	1566.83	1569.03	1574.98	1582.94	1592.08	1599.89	1608.44
9	1529.85	1533.38	1540.97	1553.02	1566.37	1577.90	1589.44
12	1499.25	1504.90	1516.15	1528.44	1541.83	1553.18	1565.97
15	1460.06	1465.62	1476.68	1494.06	1510.02	1521.91	1538.86
18	1409.45	1413.96	1426.89	1448.45	1463.89	1485.87	1504.29
21	1355.68	1360.39	1379.01	1402.13	1420.74	1440.96	1459.46
24	1296.56	1308.18	1327.08	1350.03	1375.29	1392.85	1410.45
27	1243.75	1259.44	1275.23	1299.31	1319.04	1339.07	1363.04
30	1187.67	1203.61	1220.01	1246.10	1260.52	1280.23	1313.01
33	1124.51	1144.48	1164.81	1190.93	1206.67	1226.10	1255.36
36	1065.88	1087.58	1102.98	1131.47	1149.64	1172.77	1191.94
39	1011.69	1030.37	1038.67	1059.02	1087.91	1112.40	1126.76
42	957.88	969.26	980.16	995.53	1016.28	1040.82	1064.98
45	891.94	905.75	918.72	931.90	950.66	966.75	1008.07
48	822.40	838.83	853.98	866.43	894.18	899.42	942.41
51	759.65	771.16	788.02	802.42	825.61	837.55	858.34
54	696.35	706.02	720.33	730.86	764.24	764.77	776.33
57	635.78	641.08	658.45	665.12	691.39	693.90	714.65
60	569.82	574.60	592.81	593.72	607.55	631.88	652.83
63	505.03	508.34	520.88	522.10	536.77	560.63	570.16
66	435.06	444.31	453.24	456.15	463.15	472.38	483.36
69	362.24	375.96	379.81	382.48	395.32	395.75	416.36
72	297.25	309.95	312.70	313.84	324.50	334.44	347.75
75	234.46	244.68	241.57	246.78	250.29	265.14	276.14
78	177.64	176.76	177.55	184.77	184.59	191.99	203.09

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

81	120.35	120.15	125.50	129.97	135.86	132.54	142.07
84	71.44	69.08	70.43	76.32	77.54	80.86	83.64
87	32.07	28.84	31.75	28.36	31.48	34.18	35.01
90	7.82	8.00	7.72	4.80	5.67	4.84	5.04
93	3.08	2.77	2.17	0.88	0.96	0.39	0.69
96	0.20	0.38	0.38	0.14	0.08	0.06	0.07
99	0.06	0.11	0.16	0.19	0.17	0.02	0.01
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 : L44WWSF48-LED48DMV35WH.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	479.79	N.A.	11.10
0-30	1230.62	N.A.	28.40
0-40	1912.72	N.A.	44.20
0-60	3444.99	N.A.	79.60
0-80	4206.1	N.A.	97.10
0-90	4326.55	N.A.	99.90
10-90	4202.44	N.A.	97.10
20-40	1432.93	N.A.	33.10
20-50	2131.58	N.A.	49.20
40-70	2002.84	N.A.	46.30
60-80	761.11	N.A.	17.60
70-80	290.54	N.A.	6.70
80-90	120.45	N.A.	2.80
90-110	3.15	N.A.	0.10
90-120	3.15	N.A.	0.10
90-130	3.15	N.A.	0.10
90-150	3.15	N.A.	0.10
90-180	3.15	N.A.	0.10
110-180	0.00	N.A.	0.00
0-180	4329.7	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	124.11
10-20	355.68
20-30	750.84
30-40	682.10
40-50	698.65
50-60	833.62
60-70	470.57
70-80	290.54
80-90	120.45
90-100	3.13
100-110	0.02
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

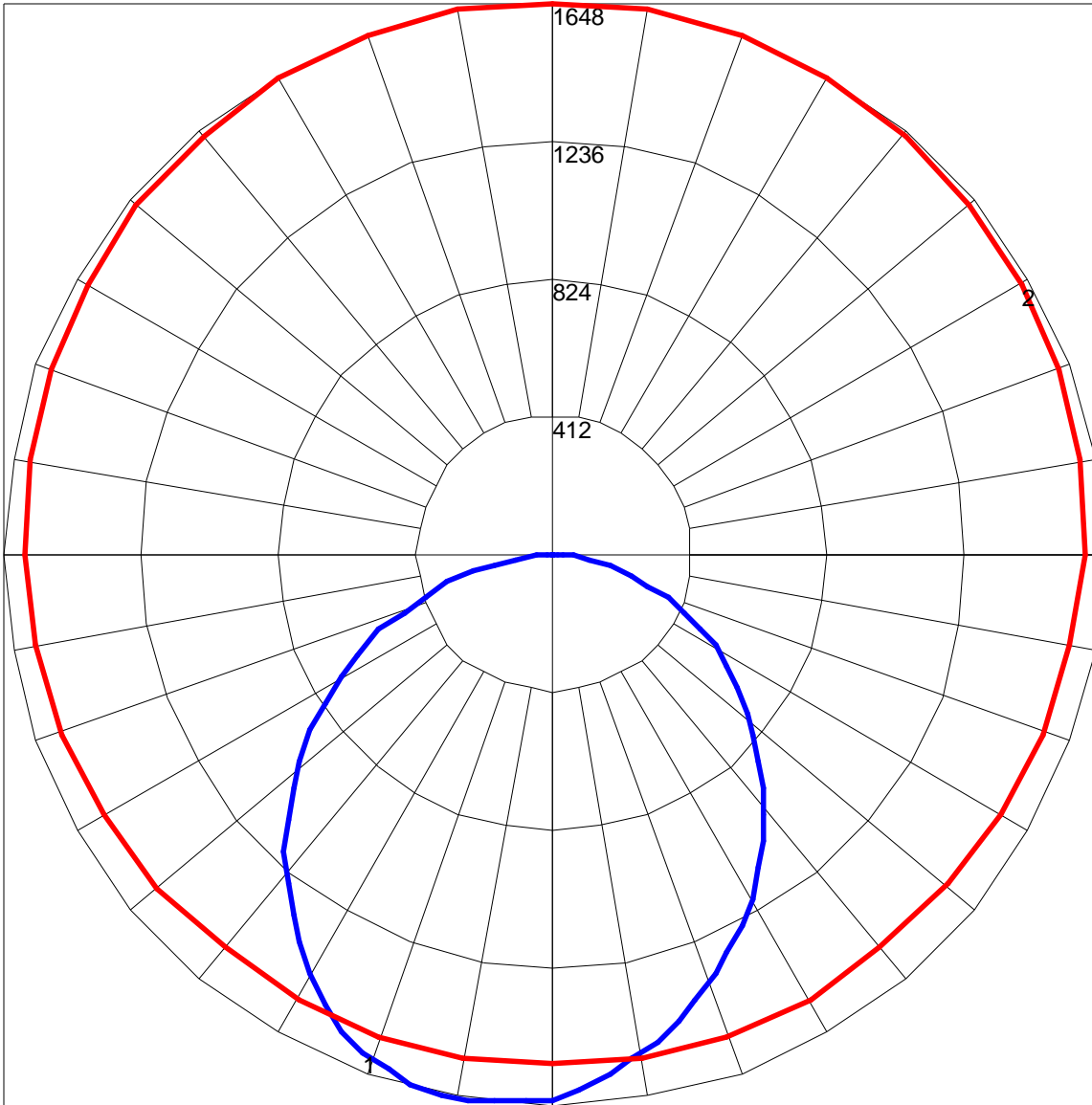
IES INDOOR REPORT
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	103	99	95	106	101	97	94	97	94	91	93	90	88	89	87	85	83
2	98	90	83	77	96	88	82	76	85	79	75	81	77	73	78	74	71	69
3	90	79	71	64	87	77	70	63	74	68	62	72	66	61	69	64	60	58
4	82	70	61	54	80	69	60	54	66	59	53	64	57	52	61	56	52	49
5	75	62	53	46	73	61	53	46	59	51	46	57	50	45	55	49	45	42
6	69	56	47	40	68	55	46	40	53	46	40	51	45	39	50	44	39	37
7	64	51	42	36	63	50	41	35	48	41	35	47	40	35	45	39	35	33
8	60	46	38	32	58	45	37	32	44	37	31	43	36	31	42	36	31	29
9	56	42	34	28	54	42	34	28	41	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	26	37	30	25	36	30	25	23

POLAR GRAPH



Maximum Candela = 1648.35 Located At Horizontal Angle = 100, Vertical Angle = 9
1 - Vertical Plane Through Horizontal Angles (100 - 280) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (9) (Through Max. Cd.)