



**IES INDOOR REPORT**

**PHOTOMETRIC FILENAME : 10T5W48LED40DMVXXSW40.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] 10T5W48LED40DMVxxSW40  
 [TESTDATE] 11-Apr-2018 09:14:05  
 [TESTLAB] Radiant Vision Systems ProSource  
 [ISSUE DATE] 4/11/2018 12:36:25 PM  
 [MANUFAC] Mobern Lighting Co.  
 [LAMP] LED Module  
 [ TOTALLUMINAIRELUMENS] 3940.2  
 [DRIVER TYPE] (1) OSRAM OT50W  
 [BOARD/LAMP TYPE] (4) SYLVANIA "E" BOARDS  
 [COLOR TEMP] 3,998 CCT  
 [LUMEN/WATT] 99 LPW  
 [CRI] 83.3  
 [ NUMBEROFRAYS]10000000  
 [OTHER] Absolute Photometry measurement

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3941
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	98
Total Luminaire Watts	40.1
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.36
Spacing Criterion (Diagonal)	1.46
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.17 m
Luminous Width (90-270)	0.08 m
Luminous Height	0.08 m

**LUMINANCE DATA (cd/sq.m)**

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	9841	6681	6402
55	8936	5907	5773
65	7958	5247	5360
75	6310	4678	5027
85	3145	4176	4758

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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>
<b>0</b>	1062.82	1062.82	1062.82	1062.82	1062.82	1062.82	1062.82	1062.82	1062.82	1062.82
<b>3</b>	1064.03	1063.79	1063.38	1062.93	1062.39	1061.82	1061.46	1061.24	1061.16	1061.29
<b>6</b>	1060.42	1059.82	1059.64	1058.69	1057.50	1056.50	1056.19	1056.30	1056.95	1058.06
<b>9</b>	1050.22	1049.26	1049.84	1048.90	1048.34	1047.60	1048.00	1050.17	1052.90	1054.71
<b>12</b>	1035.69	1035.02	1036.12	1038.01	1039.39	1038.14	1037.72	1040.95	1045.85	1048.04
<b>15</b>	1019.13	1018.36	1020.99	1024.85	1028.48	1029.19	1027.92	1029.55	1033.32	1035.24
<b>18</b>	999.17	1000.07	999.75	1006.95	1012.86	1018.92	1019.41	1018.66	1019.53	1019.36
<b>21</b>	974.32	974.86	977.34	985.11	992.04	1000.79	1006.77	1006.79	1004.94	1004.14
<b>24</b>	946.25	947.93	953.80	958.06	964.35	976.98	986.29	989.82	989.69	989.81
<b>27</b>	917.04	922.83	928.01	933.45	939.55	954.42	965.68	971.04	973.42	975.50
<b>30</b>	887.20	895.29	900.53	907.07	915.04	931.63	943.64	954.60	954.72	959.31
<b>33</b>	855.90	861.32	867.24	878.99	890.53	906.18	916.23	934.89	930.85	939.96
<b>36</b>	819.11	821.02	828.43	848.20	861.96	877.78	888.81	911.88	907.29	919.26
<b>39</b>	774.76	779.01	791.73	806.92	827.44	849.92	864.86	886.19	890.19	898.77
<b>42</b>	731.63	735.44	751.23	768.76	795.61	822.38	841.91	855.18	871.00	875.78
<b>45</b>	696.17	690.62	709.50	731.83	761.16	792.08	812.39	829.08	844.60	847.77
<b>48</b>	655.07	647.82	669.27	695.24	724.37	756.29	778.52	808.53	818.91	817.17
<b>51</b>	597.35	609.80	623.62	656.20	687.42	720.59	746.61	782.00	797.16	787.34
<b>54</b>	540.28	564.90	586.83	610.05	650.35	689.85	717.18	750.12	770.02	760.59
<b>57</b>	499.94	514.00	542.12	571.84	618.79	657.85	691.79	719.28	740.16	737.59
<b>60</b>	459.65	464.16	486.32	532.76	581.78	624.11	663.28	690.40	711.18	714.05
<b>63</b>	402.16	414.35	438.22	493.01	540.18	591.02	632.11	660.77	684.69	686.19
<b>66</b>	340.59	358.17	392.50	453.62	505.85	560.69	601.11	630.26	655.78	657.40
<b>69</b>	290.19	306.88	355.93	406.07	471.25	528.05	570.68	602.39	624.20	631.33
<b>72</b>	243.81	261.90	316.29	366.46	439.70	493.18	538.51	576.30	594.38	605.40
<b>75</b>	191.96	215.37	273.11	332.17	403.23	462.74	505.29	546.49	566.00	576.48
<b>78</b>	138.61	168.90	234.24	300.98	371.58	428.95	474.97	511.70	539.08	545.58
<b>81</b>	96.92	130.89	205.38	274.06	344.94	399.81	451.14	488.68	514.86	518.22
<b>84</b>	56.41	97.55	170.54	244.29	311.70	365.50	423.33	463.83	482.13	488.96
<b>87</b>	24.38	73.51	139.94	216.01	280.20	335.67	388.31	430.31	452.50	470.13
<b>90</b>	7.40	53.24	115.23	191.05	250.96	319.39	367.43	399.51	429.12	437.60
<b>93</b>	0.69	16.24	48.80	84.18	105.83	136.17	154.07	196.95	171.23	190.78
<b>96</b>	0.18	1.58	3.50	4.08	8.34	8.84	12.93	18.65	20.08	13.23
<b>99</b>	0.09	0.27	1.22	1.41	1.54	1.52	2.08	1.97	4.08	0.84
<b>102</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>105</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>108</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>111</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>114</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>117</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>120</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>123</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>126</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>129</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>132</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>135</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>138</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>141</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>144</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>147</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>150</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>153</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>156</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>159</b>	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.)**

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**

	<b>100</b>	<b>110</b>	<b>120</b>	<b>130</b>	<b>140</b>	<b>150</b>	<b>160</b>	<b>170</b>	<b>180</b>	<b>190</b>
0	1062.82	1062.82	1062.82	1062.82	1062.82	1062.82	1062.82	1062.82	1062.82	1062.82
3	1061.44	1061.67	1061.82	1061.78	1061.47	1061.13	1060.16	1059.62	1059.04	1058.45
6	1059.33	1060.41	1061.33	1061.45	1060.87	1059.50	1057.10	1054.20	1052.69	1051.39
9	1054.86	1054.11	1053.56	1053.15	1051.52	1047.83	1045.85	1042.81	1043.17	1043.93
12	1044.91	1039.63	1036.89	1036.86	1035.80	1030.45	1026.95	1026.64	1029.83	1034.59
15	1031.25	1024.99	1021.55	1022.59	1021.43	1017.47	1013.69	1010.86	1012.75	1017.68
18	1019.01	1015.21	1011.71	1011.56	1010.72	1007.74	1000.97	997.33	994.87	998.65
21	1007.56	1007.18	1000.10	993.69	992.48	988.12	977.48	975.72	978.07	977.11
24	994.17	994.52	982.95	969.40	964.03	950.72	941.10	945.63	957.05	953.00
27	975.04	971.31	961.58	944.79	939.11	920.33	906.14	913.94	926.98	924.36
30	953.60	943.58	937.97	922.06	916.51	894.38	880.80	883.22	891.68	890.27
33	934.65	918.19	917.06	902.08	892.33	866.40	850.90	850.52	855.97	850.17
36	915.67	899.21	893.34	874.28	861.82	838.77	813.46	810.47	819.54	805.87
39	892.48	878.79	859.52	837.42	819.16	804.35	782.02	764.92	780.90	763.83
42	865.21	853.53	829.11	808.33	779.84	761.13	748.29	718.48	738.94	723.69
45	840.34	828.04	803.80	792.42	751.55	712.96	705.31	676.38	693.33	684.83
48	817.01	800.95	775.11	761.41	724.31	675.05	659.55	637.35	646.56	644.91
51	793.84	770.44	743.99	716.97	683.13	645.64	606.55	601.26	600.60	603.83
54	767.67	741.99	718.27	683.71	638.11	601.87	564.58	560.35	552.73	556.70
57	740.83	715.79	693.94	650.76	604.95	554.83	518.86	511.00	500.35	508.94
60	712.48	689.19	659.53	609.44	569.47	510.07	475.76	455.12	445.94	460.55
63	685.40	660.41	625.40	574.07	522.26	472.97	440.48	404.42	392.49	412.06
66	657.68	628.57	593.51	546.96	483.69	439.91	392.03	356.44	339.72	360.26
69	626.88	597.60	560.35	512.92	450.90	400.05	344.86	304.82	286.78	307.06
72	594.77	572.69	528.06	477.22	423.76	364.00	302.76	250.73	233.86	254.74
75	561.64	548.58	495.24	452.92	390.75	327.34	260.61	201.97	181.65	206.78
78	531.45	516.85	465.86	425.44	360.18	295.43	222.03	159.57	131.57	163.22
81	505.18	486.25	438.99	387.76	325.95	262.37	187.29	116.03	82.34	119.45
84	481.83	461.72	418.80	360.13	299.98	236.05	153.83	87.81	45.53	89.60
87	448.29	441.26	393.34	333.39	280.28	202.54	133.80	62.85	18.10	62.94
90	423.27	413.38	362.26	312.17	254.94	170.97	109.88	45.49	4.77	41.90
93	183.65	214.95	184.72	161.43	122.41	102.90	58.35	19.30	0.84	18.13
96	25.46	22.37	18.04	19.97	15.30	11.09	9.07	3.08	0.73	2.86
99	6.24	1.63	0.83	0.68	0.63	0.09	0.08	0.64	0.10	0.59
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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**PHOTOMETRIC FILENAME : 10T5W48LED40DMVXXSW40.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	1062.82	1062.82	1062.82	1062.82	1062.82	1062.82	1062.82	1062.82	1062.82	1062.82
3	1057.84	1058.22	1057.90	1058.23	1058.86	1059.52	1060.18	1060.88	1061.45	1062.02
6	1051.27	1051.09	1051.05	1051.35	1052.65	1054.24	1055.76	1057.36	1058.39	1058.93
9	1045.67	1045.82	1045.20	1044.64	1045.75	1048.50	1051.70	1054.28	1055.58	1055.58
12	1039.64	1041.93	1040.97	1038.76	1038.91	1042.38	1046.87	1050.31	1051.46	1050.48
15	1026.44	1030.49	1030.63	1030.92	1032.89	1037.00	1041.16	1043.44	1042.80	1040.53
18	1003.20	1010.13	1013.29	1021.42	1027.45	1031.95	1034.34	1032.44	1029.72	1025.56
21	978.34	985.82	993.92	1006.40	1014.90	1021.96	1024.32	1017.01	1011.56	1009.35
24	951.01	954.89	966.97	984.35	987.84	1002.03	1011.01	999.66	992.79	992.61
27	919.92	925.42	939.02	962.07	961.82	976.54	995.20	982.88	977.30	975.65
30	888.27	898.26	912.81	942.51	944.36	956.33	976.45	966.76	963.46	957.48
33	854.64	877.32	891.60	919.40	927.24	935.60	951.62	950.41	946.63	938.47
36	820.74	854.58	862.97	884.92	903.51	913.37	924.23	931.96	926.94	922.38
39	791.29	813.32	822.44	848.05	875.90	891.28	903.22	910.06	906.10	900.46
42	756.32	768.94	791.40	819.40	850.66	867.62	881.80	886.48	881.69	869.28
45	711.74	727.38	767.19	793.15	819.66	842.07	853.15	862.76	855.87	839.49
48	667.29	693.02	736.56	759.12	785.56	811.91	822.36	836.54	830.17	811.52
51	613.20	660.33	692.61	725.51	759.03	780.11	796.18	805.92	804.44	781.90
54	570.72	607.20	646.21	699.36	731.15	754.83	769.94	774.75	773.66	754.60
57	527.46	566.29	611.00	667.28	696.35	726.90	744.33	746.92	741.14	726.45
60	485.37	517.50	573.40	628.75	661.50	694.04	716.15	720.65	708.62	697.39
63	447.63	478.26	527.58	591.71	634.02	664.84	685.80	693.52	680.37	669.13
66	397.18	445.58	492.59	555.70	603.06	635.82	654.26	666.03	653.31	636.99
69	350.06	401.08	462.71	515.12	567.54	603.19	623.34	638.91	625.71	600.73
72	306.95	361.37	433.03	478.54	536.30	571.32	594.71	610.21	599.38	566.00
75	264.02	326.21	391.62	451.32	504.41	540.84	564.89	578.38	570.76	535.31
78	225.65	295.39	356.99	422.30	470.94	510.41	535.29	546.04	539.58	507.22
81	192.94	259.81	321.71	383.27	435.29	478.95	504.29	512.42	502.72	479.50
84	161.12	234.73	291.10	353.01	413.71	456.65	481.88	489.10	473.56	453.57
87	131.70	202.26	267.95	332.42	389.50	418.82	448.08	466.76	439.85	423.00
90	114.25	166.02	240.22	303.21	352.09	392.30	411.49	439.72	410.13	389.86
93	72.47	109.61	148.22	189.77	226.49	263.01	236.79	254.89	227.80	260.12
96	10.32	13.22	22.43	26.73	30.03	36.52	34.45	24.05	27.98	35.09
99	0.11	0.21	1.26	1.27	3.02	5.82	9.92	3.91	6.90	6.94
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 : 10T5W48LED40DMVXXSW40.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	1062.82	1062.82	1062.82	1062.82	1062.82	1062.82	1062.82
3	1062.54	1063.01	1063.46	1063.77	1063.97	1064.09	1064.03
6	1059.32	1059.47	1059.93	1060.47	1060.76	1060.37	1060.42
9	1054.60	1053.44	1052.90	1052.39	1052.36	1050.63	1050.22
12	1047.93	1045.45	1044.34	1042.13	1039.60	1036.99	1035.69
15	1035.79	1031.93	1028.99	1026.55	1022.45	1018.64	1019.13
18	1020.24	1015.93	1013.22	1008.91	999.48	998.96	999.17
21	1005.77	1002.33	1000.19	991.19	978.86	976.26	974.32
24	991.20	987.27	978.67	960.56	955.43	952.50	946.25
27	974.26	967.01	950.46	928.83	926.81	925.11	917.04
30	951.30	942.16	920.68	902.23	900.45	893.11	887.20
33	925.59	917.50	893.30	878.28	871.70	859.05	855.90
36	898.14	887.44	860.48	850.10	834.40	822.16	819.11
39	867.94	856.80	825.67	813.65	796.38	783.05	774.76
42	843.07	831.04	802.43	779.80	753.36	740.70	731.63
45	817.46	801.68	773.48	740.60	709.99	695.21	696.17
48	788.62	763.48	733.35	698.48	671.16	650.11	655.07
51	761.93	725.08	692.86	659.16	627.36	608.77	597.35
54	732.87	691.33	655.21	617.07	588.94	561.83	540.28
57	699.87	656.12	622.61	577.38	543.12	512.13	499.94
60	665.03	622.33	582.69	532.23	493.31	463.75	459.65
63	634.05	591.47	539.80	490.86	449.08	414.02	402.16
66	600.78	559.74	506.77	456.27	397.98	358.34	340.59
69	565.01	523.03	471.68	412.28	353.52	308.54	290.19
72	533.16	486.47	436.74	370.82	312.76	275.99	243.81
75	501.61	456.57	396.56	334.64	272.19	216.46	191.96
78	469.77	424.07	363.30	303.11	233.71	166.48	138.61

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 10T5W48LED40DMVXXSW40.IES**

**CANDELA TABULATION - (Cont.)**

<b>81</b>	439.78	391.34	336.68	277.90	206.13	130.04	96.92
<b>84</b>	419.67	361.53	305.28	247.46	168.46	98.27	56.41
<b>87</b>	392.35	336.79	282.21	215.20	137.81	69.38	24.38
<b>90</b>	356.39	293.57	251.64	180.14	110.22	46.01	7.40
<b>93</b>	203.65	163.75	125.22	93.51	52.19	13.88	0.69
<b>96</b>	24.45	15.37	14.68	7.43	4.44	1.42	0.18
<b>99</b>	6.60	4.22	2.76	3.09	1.60	0.36	0.09
<b>102</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>105</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>108</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>111</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>114</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>117</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>120</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>123</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>126</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>129</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>132</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>135</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>138</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>141</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>144</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>147</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>150</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>153</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>156</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>159</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>162</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>165</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>168</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>171</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>174</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>177</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>180</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 10T5W48LED40DMVXXSW40.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	319.04	N.A.	8.10
0-30	836.29	N.A.	21.20
0-40	1328.73	N.A.	33.70
0-60	2568.37	N.A.	65.20
0-80	3444.1	N.A.	87.40
0-90	3849.73	N.A.	97.70
10-90	3768.01	N.A.	95.60
20-40	1009.69	N.A.	25.60
20-50	1544.14	N.A.	39.20
40-70	1714.85	N.A.	43.50
60-80	875.73	N.A.	22.20
70-80	400.52	N.A.	10.20
80-90	405.63	N.A.	10.30
90-110	91.51	N.A.	2.30
90-120	91.51	N.A.	2.30
90-130	91.51	N.A.	2.30
90-150	91.51	N.A.	2.30
90-180	91.51	N.A.	2.30
110-180	0.00	N.A.	0.00
0-180	3941.24	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	81.72
10-20	237.32
20-30	517.25
30-40	492.43
40-50	534.45
50-60	705.19
60-70	475.21
70-80	400.52
80-90	405.63
90-100	91.13
100-110	0.38
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 : 10T5W48LED40DMVXXSW40.IES**

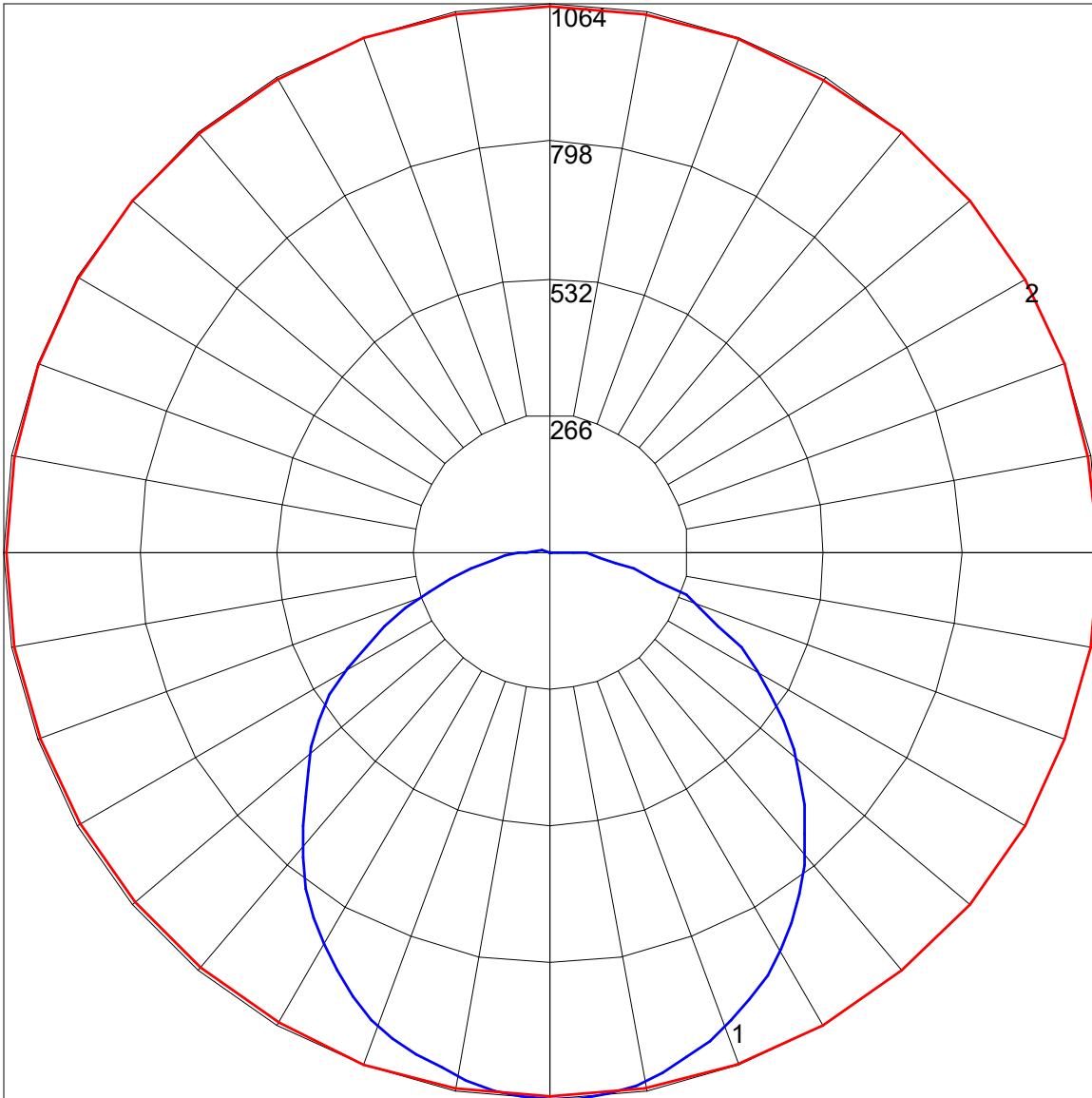
**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

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	115	115	115	115	110	110	110	105	105	105	100	100	100	98
1	104	98	92	87	101	95	90	85	90	86	82	86	82	79	82	79	76	73
2	93	83	75	68	90	81	73	67	77	71	65	73	68	63	70	65	61	59
3	84	72	63	55	82	70	61	54	67	59	53	64	57	52	61	55	50	48
4	77	63	53	46	74	62	52	45	59	51	44	56	49	43	54	47	43	40
5	70	56	46	39	68	55	45	38	52	44	38	50	43	37	48	41	36	34
6	65	50	40	33	63	49	40	33	47	39	33	45	38	32	43	37	32	29
7	60	45	36	29	58	44	35	29	42	34	29	41	34	28	39	33	28	26
8	56	41	32	26	54	40	32	26	39	31	25	37	30	25	36	29	25	23
9	52	38	29	23	50	37	29	23	36	28	23	34	27	22	33	27	22	20
10	49	35	26	21	47	34	26	21	33	25	20	32	25	20	31	24	20	18



POLAR GRAPH



Maximum Candela = 1064.09 Located At Horizontal Angle = 350, Vertical Angle = 3  
# 1 - Vertical Plane Through Horizontal Angles (350 - 170) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (3) (Through Max. Cd.)