



**IES INDOOR REPORT**

**PHOTOMETRIC FILENAME : 155(SW)-24LED35DMVOA40.IES**

**DESCRIPTION INFORMATION (From Photometric File)**

IESNA:LM-63-2002  
 [TEST] 155(SW)-24LED35DMVOA40  
 [TESTDATE] 16-Oct-2017 11:13:55  
 [TESTLAB] Radiant Vision Systems ProSource  
 [ISSUE DATE] 10/16/2017 12:16:09 PM  
 [MANUFAC] MOBERN LIGHTING CO.  
 [\_ TOTALLUMINAIRELUMENS] 2433.1  
 [\_ NUMBEROFRAYS]10000000  
 [DRIVER TYPE] (1) OSRAM OT30W  
 [BOARD TYPE] (2) LUMA SMART "h" BOARDS  
 [COLOR TEMP] 4,017 CCT  
 [LUMEN/WATT] 70 LM/WT  
 [CRI] 84.0  
 [OTHER] Absolute Photometry measurement

**CHARACTERISTICS**

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2434
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	70
Total Luminaire Watts	34.8
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.26
Spacing Criterion (90-270)	1.56
Spacing Criterion (Diagonal)	1.58
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	0.61 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	6987	5779	5923
55	6300	5271	5471
65	5328	4622	4991
75	3781	3968	4443
85	1327	3377	4104

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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>	579.79	579.79	579.79	579.79	579.79	579.79	579.79	579.79	579.79	579.79
<b>3</b>	575.23	575.49	575.89	577.12	577.69	578.66	579.48	580.13	580.63	580.96
<b>6</b>	570.71	571.84	574.05	576.67	579.05	581.08	582.69	583.94	584.58	584.84
<b>9</b>	569.50	570.98	573.79	576.96	581.15	584.52	587.52	589.88	591.49	592.17
<b>12</b>	566.73	567.89	570.20	574.56	580.31	585.21	589.64	594.32	597.66	598.89
<b>15</b>	557.55	559.19	564.18	571.24	579.45	586.69	592.79	598.65	601.60	601.48
<b>18</b>	545.08	549.62	557.25	568.68	578.96	587.83	596.17	603.72	604.83	603.25
<b>21</b>	533.20	538.75	549.85	564.59	576.96	585.95	595.49	604.02	606.61	607.35
<b>24</b>	520.67	526.74	539.95	555.27	571.62	582.74	593.06	600.63	605.32	609.56
<b>27</b>	505.62	513.25	527.09	545.75	565.05	577.82	590.10	597.99	603.57	605.89
<b>30</b>	488.87	498.02	515.28	534.82	555.36	570.63	584.98	595.04	602.34	600.46
<b>33</b>	471.54	482.38	501.48	522.41	543.97	564.06	578.94	587.94	598.56	597.49
<b>36</b>	453.05	466.27	486.18	509.24	531.59	555.71	573.57	580.09	589.95	593.28
<b>39</b>	432.83	447.97	471.63	494.17	518.42	544.67	565.10	573.73	579.85	583.90
<b>42</b>	412.03	427.28	454.81	481.00	506.72	531.15	551.18	565.22	569.76	572.45
<b>45</b>	391.46	404.72	435.57	463.37	489.24	517.34	536.01	552.81	559.42	562.32
<b>48</b>	368.80	381.09	414.34	443.13	471.33	502.02	522.07	539.46	546.85	550.88
<b>51</b>	342.13	358.38	390.07	424.46	456.96	483.97	505.24	524.76	532.56	535.22
<b>54</b>	314.02	333.00	371.19	401.17	438.32	465.32	485.21	508.40	515.63	517.36
<b>57</b>	287.10	306.97	346.95	378.35	416.49	445.40	467.54	489.82	498.35	499.69
<b>60</b>	259.61	280.67	317.51	354.69	388.95	424.48	448.44	468.73	479.82	481.21
<b>63</b>	229.70	253.61	292.54	331.45	361.07	400.49	426.45	446.24	459.04	460.48
<b>66</b>	199.55	223.65	263.87	306.47	340.47	376.18	401.20	423.25	434.94	437.58
<b>69</b>	171.16	193.18	236.32	274.38	316.78	352.13	376.13	400.16	411.45	413.18
<b>72</b>	142.06	162.52	208.29	248.52	291.98	327.87	353.59	376.40	389.82	388.69
<b>75</b>	109.91	131.55	178.29	224.16	264.35	303.01	329.11	349.78	364.90	365.28
<b>78</b>	77.72	101.81	149.48	198.55	240.24	274.45	303.36	320.66	338.30	342.61
<b>81</b>	53.37	77.37	128.67	176.99	219.71	253.24	282.88	301.97	316.44	322.86
<b>84</b>	29.49	57.56	102.57	155.31	192.84	234.82	262.54	282.46	294.92	303.71
<b>87</b>	12.31	39.08	86.10	134.42	176.36	217.68	243.12	266.57	278.03	288.03
<b>90</b>	3.70	29.16	77.15	122.36	167.61	201.19	227.47	249.81	270.15	276.39
<b>93</b>	0.16	10.85	36.69	57.54	65.58	88.95	102.82	125.71	107.80	117.85
<b>96</b>	0.01	1.06	2.56	2.77	4.79	5.60	8.03	11.88	12.04	8.10
<b>99</b>	0.01	0.21	0.92	1.01	0.89	0.95	1.23	1.16	2.31	0.51
<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

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 155(SW)-24LED35DMVOA40.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**

	<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	579.79	579.79	579.79	579.79	579.79	579.79	579.79	579.79	579.79	579.79
3	581.25	581.40	581.46	581.42	581.22	581.01	580.59	580.35	580.12	579.88
6	584.84	584.51	583.90	583.12	582.03	580.65	578.87	576.93	576.04	575.45
9	591.47	589.90	587.78	585.33	582.51	578.32	574.56	570.36	568.94	569.03
12	597.65	594.53	590.44	586.74	582.30	576.02	569.10	563.91	561.87	563.36
15	600.54	597.82	593.50	588.46	581.12	572.24	564.18	558.73	556.79	557.14
18	602.88	601.70	596.77	589.25	577.07	565.49	555.98	552.27	549.59	548.80
21	606.07	603.37	597.27	588.03	573.50	558.35	547.11	540.47	536.61	536.36
24	606.91	602.04	594.17	584.37	568.65	552.13	539.64	527.91	521.92	523.53
27	604.26	598.80	587.70	575.43	561.12	544.49	530.13	518.17	509.69	511.82
30	600.90	594.91	581.02	566.10	550.76	532.54	516.64	505.52	496.61	498.32
33	597.54	588.79	577.20	562.79	544.17	522.14	499.73	485.03	478.88	481.31
36	591.86	581.68	573.04	556.76	536.61	513.69	484.26	461.08	458.43	461.18
39	584.38	573.93	563.06	543.23	521.43	499.52	470.06	439.42	437.84	439.11
42	574.38	562.10	548.48	526.81	505.61	482.29	450.75	419.31	416.46	416.83
45	560.45	547.73	535.18	513.30	487.78	459.59	429.93	399.14	393.24	396.52
48	544.49	535.53	523.09	499.04	470.68	436.74	411.09	378.06	368.96	376.84
51	530.07	522.79	506.05	480.09	451.91	419.01	388.73	356.69	344.41	356.69
54	514.61	507.17	486.83	460.67	427.45	398.78	366.63	332.51	318.80	332.40
57	498.21	490.08	469.75	441.82	407.94	377.38	338.97	307.41	291.20	305.06
60	479.41	470.63	447.28	420.25	387.49	351.80	312.82	280.83	261.88	275.77
63	457.90	447.65	422.95	395.28	359.75	327.12	291.22	252.75	231.45	247.98
66	433.53	421.96	399.04	374.31	335.84	304.92	261.49	221.85	200.68	219.76
69	409.54	396.03	373.68	351.47	312.18	276.79	231.96	191.44	170.19	189.63
72	386.88	372.16	350.00	323.54	290.00	249.96	204.58	161.60	139.72	158.11
75	361.30	349.01	327.65	299.63	262.85	222.14	176.20	130.99	109.08	128.13
78	335.10	323.73	303.60	274.90	237.88	195.55	148.52	100.79	78.98	100.17
81	314.10	301.23	275.62	248.47	210.93	169.47	122.76	70.62	48.80	70.90
84	298.57	282.18	256.23	230.20	187.81	148.42	99.91	52.37	26.20	50.03
87	280.11	264.61	242.74	218.19	172.65	131.00	82.48	37.39	11.56	34.79
90	266.16	250.98	231.39	201.46	159.71	118.37	75.23	29.19	3.50	28.77
93	115.84	134.03	116.43	104.36	83.23	71.40	44.26	13.79	0.26	14.91
96	16.09	13.60	11.72	12.66	10.47	7.86	6.71	2.24	0.04	2.35
99	4.03	0.94	0.62	0.43	0.46	0.06	0.05	0.64	0.00	0.68
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)-24LED35DMVOA40.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. 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	579.79	579.79	579.79	579.79	579.79	579.79	579.79	579.79	579.79	579.79
3	579.66	579.82	579.72	579.83	579.97	580.03	580.00	579.83	579.50	578.97
6	576.00	576.59	577.23	577.99	579.08	580.18	580.98	581.47	581.36	580.62
9	571.35	573.33	575.52	577.33	579.66	582.01	583.91	585.17	585.48	584.71
12	567.50	572.15	575.42	578.11	581.60	585.54	588.12	589.43	589.72	588.58
15	561.98	568.56	573.72	578.56	584.26	589.66	592.48	592.68	591.99	590.08
18	552.11	563.13	571.36	578.74	586.83	593.66	595.76	594.70	592.81	590.51
21	542.46	557.93	569.72	578.05	586.70	594.46	597.08	595.70	593.82	591.21
24	532.60	547.11	562.76	574.07	582.42	591.43	595.77	596.25	594.20	590.98
27	520.91	534.78	551.98	567.02	576.89	586.45	592.07	596.32	591.54	588.17
30	510.02	523.23	539.96	558.12	570.90	583.32	586.67	593.36	586.84	584.75
33	496.32	513.30	530.82	549.78	562.15	579.01	580.25	585.43	582.09	577.31
36	479.52	503.13	522.72	540.87	552.79	571.24	573.64	575.17	575.54	565.10
39	463.59	488.05	509.91	530.17	543.75	561.04	566.30	565.52	566.32	555.35
42	446.07	471.98	495.06	517.42	532.76	547.31	556.29	555.81	555.47	547.53
45	427.82	452.65	477.90	505.39	520.81	533.52	543.35	544.64	543.36	535.64
48	408.48	433.16	462.34	489.44	507.24	522.24	528.75	531.40	528.00	520.19
51	383.68	415.43	444.70	467.94	489.24	508.57	514.35	515.95	511.55	504.11
54	360.92	391.54	420.02	447.88	469.94	489.66	497.18	499.34	494.29	488.29
57	334.27	367.56	398.40	429.57	452.60	467.85	478.00	482.18	477.19	469.76
60	308.43	341.86	376.85	406.83	430.38	445.75	457.40	462.43	457.77	448.24
63	286.38	318.04	350.48	379.81	405.65	423.05	437.20	438.60	437.16	425.71
66	256.58	294.94	326.93	357.93	380.53	399.29	414.49	413.85	414.81	403.40
69	227.31	264.89	301.35	334.81	355.23	375.73	388.61	391.27	390.17	381.60
72	199.58	239.13	277.36	305.99	331.43	353.22	362.91	368.77	365.30	357.39
75	170.31	213.75	249.74	280.88	306.60	329.43	337.25	343.90	339.80	328.52
78	141.86	187.67	224.62	256.12	281.30	301.35	312.86	317.70	314.88	298.73
81	115.99	158.16	195.79	227.09	254.25	272.49	286.08	290.06	287.48	274.83
84	94.73	138.22	174.09	209.87	240.35	257.91	266.67	270.45	264.96	259.10
87	76.95	118.98	161.91	193.65	224.19	243.16	255.71	252.03	248.38	241.50
90	69.79	114.92	152.91	188.27	213.18	231.70	247.24	245.08	243.03	229.43
93	45.51	75.16	95.09	121.24	135.84	159.53	145.06	151.38	134.37	147.97
96	6.99	8.95	14.69	16.96	18.32	22.10	20.23	14.38	16.36	20.89
99	0.09	0.12	0.91	0.96	1.84	3.49	5.74	2.29	3.89	4.10
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 : 155(SW)-24LED35DMVOA40.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	579.79	579.79	579.79	579.79	579.79	579.79	579.79
3	578.27	577.39	576.48	576.16	575.11	575.10	575.23
6	579.04	577.00	574.99	573.02	571.31	570.34	570.71
9	582.38	578.52	574.56	570.89	569.27	568.72	569.50
12	584.86	579.03	572.81	567.54	565.34	565.46	566.73
15	585.79	578.65	569.62	562.93	559.07	556.87	557.55
18	586.22	577.73	567.00	559.35	552.08	547.40	545.08
21	586.20	575.35	563.79	555.06	545.09	536.97	533.20
24	583.76	570.14	557.20	546.53	535.48	525.27	520.67
27	579.63	564.10	552.04	538.55	522.28	511.29	505.62
30	574.59	557.45	545.06	528.78	509.39	495.26	488.87
33	565.96	548.89	533.53	515.59	494.49	479.34	471.54
36	555.95	538.62	520.10	500.82	477.96	462.92	453.05
39	546.26	527.83	506.84	484.29	462.20	443.82	432.83
42	534.67	514.63	493.99	469.73	444.17	422.04	412.03
45	520.54	499.82	476.10	450.22	423.66	398.54	391.46
48	504.79	483.31	459.34	429.27	402.08	374.48	368.80
51	487.05	466.18	445.26	411.69	378.48	352.19	342.13
54	468.64	449.50	424.17	388.04	359.85	327.73	314.02
57	450.71	429.66	399.96	362.99	335.54	302.09	287.10
60	428.02	405.25	373.70	339.17	307.25	275.79	259.61
63	404.46	379.03	349.43	318.44	283.04	248.30	229.70
66	383.61	354.46	328.74	295.51	253.12	217.65	199.55
69	363.76	329.22	302.54	263.19	224.04	187.64	171.16
72	338.79	305.32	276.60	236.00	196.63	158.49	142.06
75	308.05	285.39	248.69	210.95	168.26	128.33	109.91
78	280.57	261.32	222.91	185.18	140.21	98.22	77.72

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : 155(SW)-24LED35DMVOA40.IES**

**CANDELA TABULATION - (Cont.)**

<b>81</b>	257.64	233.84	199.21	161.79	119.92	74.84	53.37
<b>84</b>	241.80	212.01	176.16	138.97	95.52	54.43	29.49
<b>87</b>	224.63	198.95	163.35	120.78	80.21	35.53	12.31
<b>90</b>	209.69	180.64	153.30	112.62	70.57	28.22	3.70
<b>93</b>	123.52	101.65	80.57	61.79	35.85	11.52	0.16
<b>96</b>	14.91	9.46	9.27	4.61	3.28	1.18	0.01
<b>99</b>	4.03	2.63	1.54	1.94	1.21	0.28	0.01
<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 : 155(SW)-24LED35DMVOA40.IES**

**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	177.92	N.A.	7.30
0-30	479.69	N.A.	19.70
0-40	778.11	N.A.	32.00
0-60	1567.29	N.A.	64.40
0-80	2131.1	N.A.	87.60
0-90	2376.35	N.A.	97.60
10-90	2331.56	N.A.	95.80
20-40	600.19	N.A.	24.70
20-50	934.77	N.A.	38.40
40-70	1098.21	N.A.	45.10
60-80	563.81	N.A.	23.20
70-80	254.78	N.A.	10.50
80-90	245.25	N.A.	10.10
90-110	57.25	N.A.	2.40
90-120	57.25	N.A.	2.40
90-130	57.25	N.A.	2.40
90-150	57.25	N.A.	2.40
90-180	57.25	N.A.	2.40
110-180	0.00	N.A.	0.00
0-180	2433.6	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	44.79
10-20	133.13
20-30	301.77
30-40	298.42
40-50	334.57
50-60	454.60
60-70	309.03
70-80	254.78
80-90	245.25
90-100	57.01
100-110	0.23
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)-24LED35DMVOA40.IES**

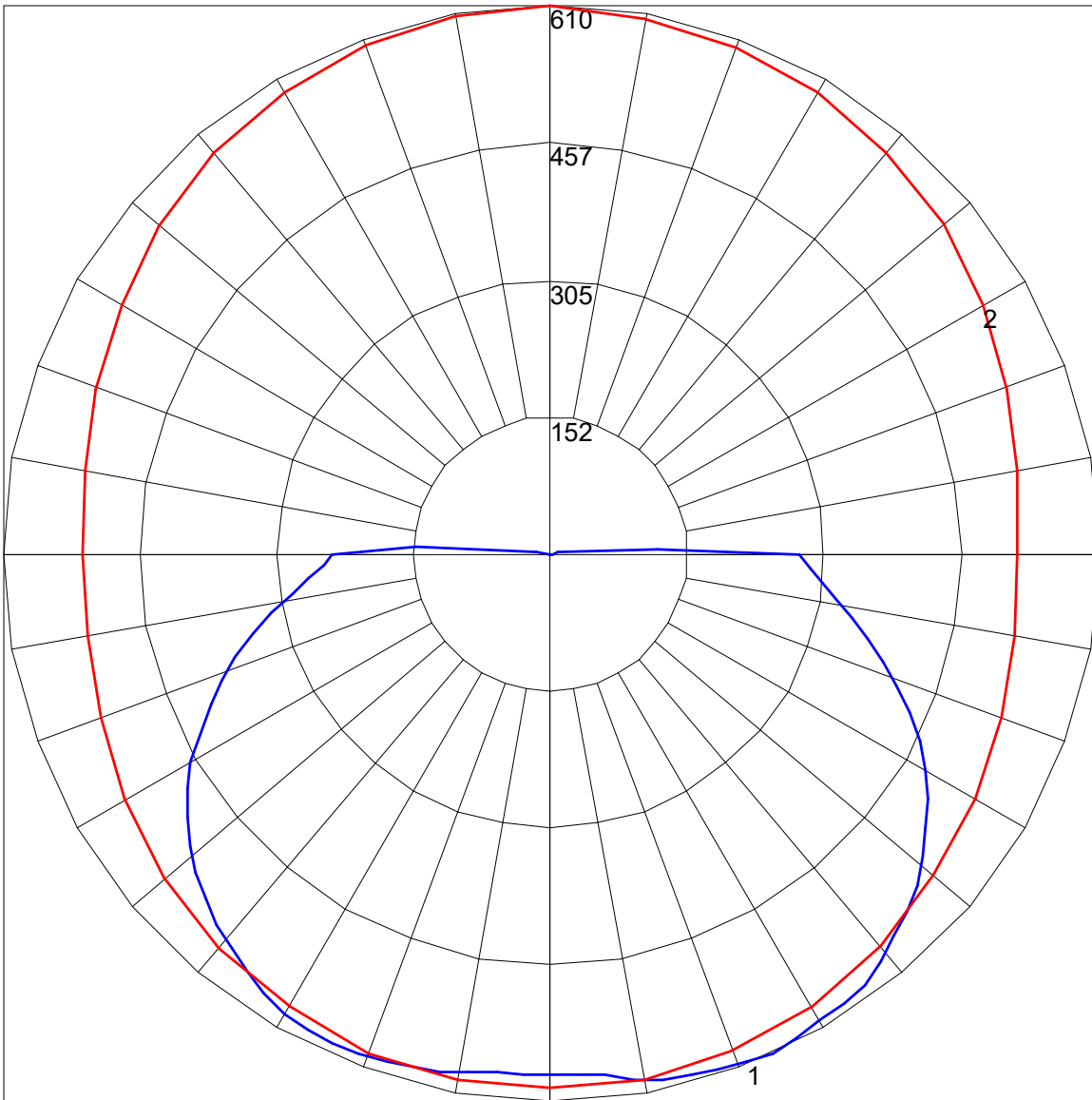
**COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD**

Effective Floor Cavity Reflectance 0.20

RC	80				70				50			30			10			0
	RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10
0	118	118	118	118	115	115	115	115	110	110	110	105	105	105	100	100	100	98
1	104	98	92	86	101	95	90	85	90	86	82	86	82	79	81	78	76	73
2	93	83	74	67	90	81	73	66	77	70	64	73	67	62	69	65	61	58
3	84	72	62	54	81	70	61	54	66	59	52	63	56	51	60	54	50	47
4	76	63	53	45	74	61	52	44	58	50	43	55	48	43	53	47	42	39
5	70	55	45	38	67	54	45	37	51	43	37	49	42	36	47	41	35	33
6	64	49	39	32	62	48	39	32	46	38	32	44	37	31	42	36	31	28
7	59	44	35	28	57	43	34	28	42	33	28	40	33	27	38	32	27	25
8	55	40	31	25	53	39	31	25	38	30	24	36	29	24	35	28	24	22
9	51	37	28	22	50	36	28	22	35	27	22	33	26	21	32	26	21	19
10	48	34	25	20	46	33	25	20	32	25	19	31	24	19	30	23	19	17



POLAR GRAPH



Maximum Candela = 609.56 Located At Horizontal Angle = 90, Vertical Angle = 24  
# 1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)  
# 2 - Horizontal Cone Through Vertical Angle (24) (Through Max. Cd.)