



IES INDOOR REPORT

PHOTOMETRIC FILENAME : 155SW-24LED15DMV40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 155SW-24LED15DMV40
 [TESTDATE] 26-Oct-2017 13:18:45
 [TESTLAB] Radiant Vision Systems ProSource
 [ISSUE DATE] 10/26/2017 2:12:30 PM
 [MANUFAC] MOBERN LIGHTING CO.
 [LAMP] LED Module
 [_TOTALLUMINAIRELUMENS] 1467.9
 [_NUMBEROFRAYS]10000000
 [DRIVER TYPE] (1) OSRAM OT30W
 [BOARD TYPE] (2) SYLVANIA "E" BOARDS
 [COLOR TEMP] 4,026 CCT
 [LUMEN/WATT] 98 LM/WT
 [CRI] 82.2
 [OTHER] Absolute Photometry measurement

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1469
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	101
Total Luminaire Watts	14.5
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.28
Spacing Criterion (Diagonal)	1.32
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	6567	4390	3994
55	3889	3328	2586
65	2227	1881	1505
75	1476	862	774
85	829	472	332

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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	596.27	596.27	596.27	596.27	596.27	596.27	596.27	596.27	596.27	596.27
3	595.34	595.05	594.52	594.13	593.43	592.74	592.29	591.91	591.61	591.58
6	592.60	591.77	590.81	589.42	588.10	587.05	586.52	586.16	586.07	586.03
9	589.87	588.25	586.07	583.79	582.61	582.51	583.58	585.56	587.40	588.04
12	585.00	582.62	580.00	578.53	579.20	580.74	583.68	588.90	593.65	595.29
15	576.00	574.18	574.33	575.28	578.96	584.07	589.34	595.30	601.17	602.83
18	565.50	566.20	568.78	572.73	579.95	591.11	598.94	603.75	606.38	606.66
21	556.09	557.10	561.94	568.17	579.39	594.19	602.66	605.82	605.75	603.60
24	545.62	545.93	552.25	560.20	574.36	589.69	593.96	595.58	594.90	592.73
27	531.49	532.26	538.91	550.42	564.72	576.47	574.81	571.35	571.24	572.82
30	514.14	515.45	522.77	534.98	544.85	550.36	543.29	539.86	536.45	539.13
33	494.61	495.20	501.21	513.49	516.66	511.36	501.99	500.84	492.89	491.67
36	472.98	471.46	473.89	484.44	477.54	467.03	466.00	465.23	456.44	451.83
39	448.05	444.88	443.01	441.01	433.59	430.67	443.18	441.94	439.11	436.00
42	414.45	409.42	401.87	398.35	399.21	410.57	427.00	422.33	422.40	419.94
45	367.94	360.95	355.21	358.67	370.64	393.99	399.56	392.89	384.53	379.19
48	312.57	307.67	314.88	328.31	349.06	367.06	360.51	351.24	335.59	328.94
51	254.83	261.38	277.83	304.98	327.89	330.75	320.96	305.98	295.65	288.61
54	202.20	219.35	249.18	272.91	296.37	291.15	280.46	268.75	260.06	253.97
57	160.45	182.22	213.71	238.83	258.90	251.35	243.27	233.20	225.56	217.39
60	127.98	148.81	177.17	203.63	215.34	210.76	205.09	197.09	190.21	181.81
63	101.73	120.31	148.74	168.74	172.06	171.22	169.43	163.73	158.60	151.56
66	80.58	95.07	117.08	134.21	138.28	136.68	134.80	133.05	129.73	125.65
69	63.98	74.04	90.41	98.60	106.21	105.51	105.08	105.48	104.08	102.25
72	51.65	57.21	69.57	74.07	81.10	81.60	82.73	82.52	82.56	81.45
75	42.91	44.88	53.45	55.96	59.59	63.71	62.75	62.51	63.14	63.63
78	35.18	35.96	42.98	43.60	45.77	48.19	45.79	44.93	46.79	48.34
81	27.53	29.29	37.36	37.07	38.99	38.32	34.25	33.86	35.28	36.67
84	18.05	23.15	30.86	31.89	32.24	29.37	25.43	23.00	25.61	26.30
87	8.45	14.16	24.90	27.58	27.89	23.39	20.48	17.87	18.99	19.92
90	1.13	7.07	17.67	24.31	24.67	18.31	15.84	13.85	15.38	14.77
93	0.01	1.47	7.38	12.55	10.78	8.97	6.24	5.82	5.99	6.82
96	0.00	0.12	0.46	0.58	0.86	0.65	0.46	0.60	0.62	0.46
99	0.00	0.03	0.16	0.24	0.16	0.09	0.08	0.06	0.11	0.03
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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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	596.27	596.27	596.27	596.27	596.27	596.27	596.27	596.27	596.27	596.27
3	591.46	591.58	591.76	591.94	592.30	592.83	592.72	593.09	593.25	593.18
6	585.91	585.83	585.91	585.99	586.46	586.96	587.20	586.86	587.14	586.94
9	586.78	584.45	582.13	580.66	579.91	579.17	579.42	579.01	579.47	579.18
12	592.29	586.33	580.46	577.34	575.08	572.07	570.49	570.65	571.42	571.15
15	599.75	591.96	584.32	578.57	572.32	565.78	562.27	562.02	563.53	563.10
18	604.81	599.45	591.31	582.47	569.86	559.21	552.51	553.13	554.36	554.90
21	602.53	598.75	591.30	582.64	567.95	553.60	543.62	540.76	542.56	543.26
24	591.20	586.63	579.75	576.46	563.39	550.09	536.50	526.87	529.26	531.38
27	572.20	565.61	560.41	560.11	551.05	542.29	527.23	513.16	515.51	522.30
30	542.63	539.28	533.37	531.29	525.55	522.43	513.02	499.05	499.52	511.01
33	497.32	500.17	499.34	499.68	499.65	495.61	489.81	484.44	479.43	491.44
36	452.90	456.97	463.26	466.41	472.89	467.13	459.90	465.61	455.91	464.99
39	428.59	425.53	426.55	429.01	435.42	429.26	430.90	439.07	430.16	435.49
42	408.95	401.14	395.88	391.84	392.64	389.89	398.64	404.87	402.99	402.18
45	372.34	372.16	367.29	362.29	352.83	348.97	358.79	364.31	373.51	363.65
48	325.71	335.62	336.55	334.74	322.91	310.89	313.85	318.56	334.70	319.32
51	286.73	296.20	301.16	301.34	293.52	277.17	263.52	271.26	281.34	270.54
54	251.24	260.13	262.01	264.10	256.44	241.50	226.33	220.50	221.17	216.80
57	217.11	223.80	226.09	226.00	220.95	210.60	190.00	173.09	164.37	168.36
60	182.66	187.23	187.39	186.56	183.02	176.57	156.11	132.30	117.52	128.47
63	152.17	152.86	151.87	148.76	143.55	142.06	128.23	101.02	82.88	98.12
66	124.54	121.82	119.43	117.71	112.18	110.57	96.94	76.36	62.16	74.29
69	100.24	95.97	91.47	90.67	84.94	80.06	73.06	57.19	46.57	56.54
72	79.81	75.68	71.55	70.11	66.50	60.71	55.37	42.79	36.40	43.70
75	60.75	58.21	56.20	56.75	52.15	46.98	41.51	33.13	30.86	34.43
78	44.44	42.77	43.65	46.05	42.25	37.45	33.05	26.55	26.63	27.29
81	32.87	32.03	33.23	36.99	34.87	31.16	28.02	19.90	20.05	20.40
84	24.45	23.17	25.27	29.59	29.29	27.82	23.33	14.87	13.29	15.55
87	18.31	17.76	19.81	23.37	24.49	23.50	18.31	9.61	6.33	9.41
90	13.72	12.73	14.11	16.69	20.97	20.86	13.04	4.26	0.54	4.19
93	5.55	6.82	7.27	9.47	11.62	13.95	7.98	1.49	0.35	2.25
96	0.81	0.69	0.68	1.36	1.51	1.39	1.13	0.30	0.18	0.35
99	0.21	0.05	0.03	0.12	0.08	0.01	0.01	0.08	0.13	0.11
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	596.27	596.27	596.27	596.27	596.27	596.27	596.27	596.27	596.27	596.27
3	592.89	593.15	592.76	592.61	592.63	592.67	592.74	592.98	593.15	593.49
6	587.46	587.59	587.61	587.79	588.39	589.09	589.79	590.47	591.00	591.26
9	580.07	580.79	583.20	585.79	589.10	592.66	595.83	598.01	598.39	597.43
12	572.12	575.96	581.91	587.71	593.71	601.22	607.55	611.05	610.89	607.80
15	565.72	573.65	584.73	594.65	603.17	612.17	619.94	622.39	620.93	616.26
18	558.76	572.53	587.93	601.69	612.24	621.95	627.51	628.53	625.92	622.02
21	551.88	571.26	588.93	602.00	611.82	620.06	623.63	624.95	623.87	620.99
24	545.75	567.18	582.93	592.67	597.49	599.77	598.18	599.76	602.02	603.32
27	537.22	556.49	565.59	568.26	565.74	555.63	547.71	546.36	549.94	558.18
30	522.44	533.04	531.56	523.38	511.18	499.63	490.15	486.09	488.82	500.93
33	497.49	501.28	492.26	472.00	451.46	444.80	441.31	441.83	441.01	447.12
36	466.24	466.01	448.01	425.05	410.67	411.53	408.70	414.62	412.11	415.93
39	433.84	420.97	401.52	384.81	385.15	391.31	392.22	397.45	396.86	399.28
42	393.49	375.50	359.12	351.44	360.64	364.75	373.38	374.71	378.48	378.49
45	347.41	328.24	317.56	320.10	327.37	327.53	334.17	334.84	341.53	345.29
48	302.67	284.56	281.12	286.10	290.88	287.73	286.58	290.38	296.38	305.44
51	253.13	246.39	248.13	250.90	255.87	251.78	252.21	255.89	262.63	267.60
54	212.40	207.35	213.67	219.48	223.62	225.47	227.32	229.32	236.73	239.93
57	171.60	176.92	184.78	193.60	200.01	203.78	206.12	205.22	213.33	216.78
60	138.16	148.90	157.58	169.49	177.56	182.64	183.54	181.76	188.80	194.61
63	113.77	124.24	130.69	144.55	154.73	159.72	159.60	157.97	165.07	171.31
66	88.68	102.78	109.53	122.41	129.65	133.59	132.75	132.91	139.21	143.65
69	70.31	79.92	89.23	100.26	103.44	105.96	104.48	106.30	110.36	113.48
72	55.67	62.76	72.70	79.03	80.07	79.85	78.61	80.44	82.85	85.53
75	42.39	49.15	57.36	62.27	59.14	56.31	55.82	58.11	58.47	60.40
78	33.90	39.51	45.84	47.99	43.19	38.64	39.18	40.15	39.34	41.32
81	28.39	32.90	35.92	35.46	29.84	27.01	27.86	30.23	28.53	29.05
84	23.80	28.74	28.34	26.68	22.95	20.42	22.68	24.59	23.50	21.08
87	18.39	24.50	22.86	19.82	17.25	16.69	19.75	22.00	19.76	16.76
90	14.69	22.68	19.03	15.15	14.81	13.87	16.01	19.53	15.51	13.35
93	9.34	15.55	13.27	10.68	9.76	9.56	10.19	10.41	8.03	8.65
96	1.30	1.77	2.03	1.65	1.21	1.33	1.34	0.92	0.95	1.18
99	0.02	0.02	0.19	0.13	0.11	0.17	0.35	0.15	0.21	0.24
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

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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	596.27	596.27	596.27	596.27	596.27	596.27	596.27
3	593.85	594.21	594.67	595.09	595.19	595.38	595.34
6	591.47	591.63	591.90	592.30	592.68	592.71	592.60
9	595.40	592.86	590.77	589.46	589.65	589.92	589.87
12	602.58	597.10	591.54	587.24	585.53	585.38	585.00
15	610.99	603.94	594.67	586.92	582.35	578.52	576.00
18	617.89	609.61	595.93	586.33	579.30	571.93	565.50
21	617.75	608.60	593.32	582.51	573.69	563.23	556.09
24	603.65	598.92	585.01	575.55	565.48	552.83	545.62
27	573.15	578.92	571.08	565.28	554.02	542.45	531.49
30	519.98	539.55	542.11	544.23	536.81	528.38	514.14
33	457.24	484.67	501.77	512.54	510.42	505.84	494.61
36	413.73	431.43	452.25	472.45	476.27	476.54	472.98
39	392.27	391.39	404.23	420.14	438.56	444.53	448.05
42	375.50	365.45	367.59	374.12	391.98	405.17	414.45
45	349.18	342.80	335.52	332.72	341.90	355.20	367.94
48	315.88	314.46	307.88	298.22	296.93	301.58	312.57
51	280.26	281.20	280.56	269.74	253.53	253.12	254.83
54	245.24	248.47	247.37	235.64	222.89	207.49	202.20
57	219.10	219.43	215.81	202.86	190.25	168.87	160.45
60	195.00	192.81	185.06	171.89	158.05	136.85	127.98
63	170.96	166.47	156.15	145.78	133.39	111.01	101.73
66	143.66	140.33	132.73	122.50	107.30	89.07	80.58
69	114.71	113.31	107.58	96.25	85.79	71.19	63.98
72	88.38	89.72	85.08	75.19	68.32	56.58	51.65
75	64.07	69.40	63.96	57.89	53.56	45.03	42.91
78	46.08	51.19	49.00	45.59	42.93	35.83	35.18

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

81	32.75	38.56	39.78	37.97	36.50	28.30	27.53
84	25.55	29.92	31.95	32.87	29.58	20.65	18.05
87	18.72	23.02	25.83	26.68	22.02	11.58	8.45
90	14.86	17.80	21.67	23.74	15.09	5.18	1.13
93	8.38	9.90	12.56	14.93	7.61	1.65	0.01
96	0.94	0.97	1.48	1.02	0.65	0.19	0.00
99	0.28	0.25	0.30	0.43	0.24	0.05	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
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ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	180.84	N.A.	12.30
0-30	482.87	N.A.	32.90
0-40	745.13	N.A.	50.70
0-60	1252.2	N.A.	85.30
0-80	1429.1	N.A.	97.30
0-90	1463.29	N.A.	99.60
10-90	1417.69	N.A.	96.50
20-40	564.30	N.A.	38.40
20-50	815.81	N.A.	55.50
40-70	623.56	N.A.	42.50
60-80	176.90	N.A.	12.00
70-80	60.41	N.A.	4.10
80-90	34.19	N.A.	2.30
90-110	5.46	N.A.	0.40
90-120	5.46	N.A.	0.40
90-130	5.46	N.A.	0.40
90-150	5.46	N.A.	0.40
90-180	5.46	N.A.	0.40
110-180	0.00	N.A.	0.00
0-180	1468.76	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	45.60
10-20	135.23
20-30	302.04
30-40	262.26
40-50	251.51
50-60	255.56
60-70	116.49
70-80	60.41
80-90	34.19
90-100	5.44
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

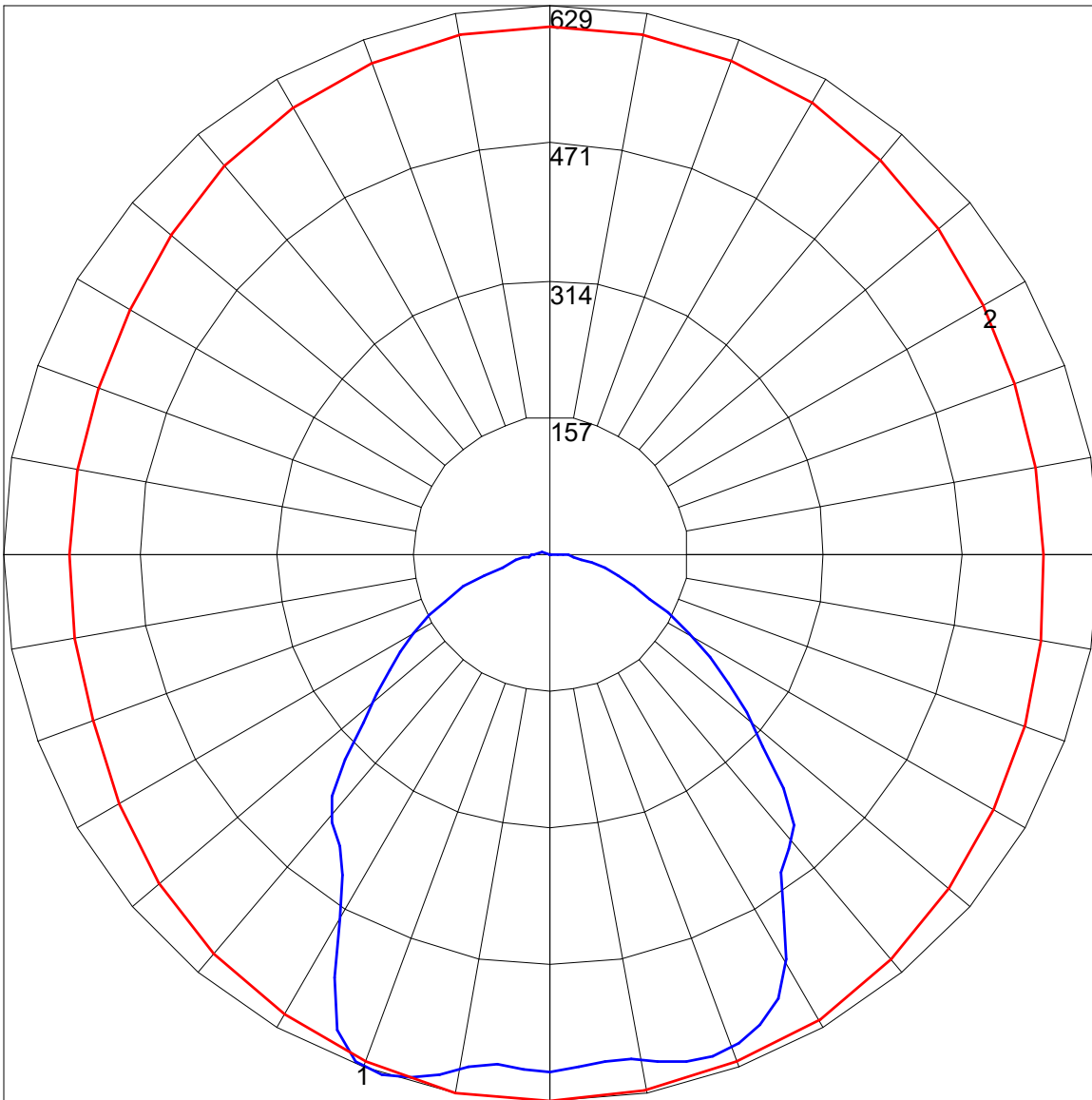
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 155SW-24LED15DMV40.IES

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	109	105	101	97	107	103	99	96	98	95	93	94	92	90	91	89	87	85
2	100	92	86	81	98	91	85	80	87	82	78	84	80	76	81	77	74	72
3	92	82	74	68	89	80	73	67	77	71	66	75	69	65	72	68	64	62
4	84	73	65	58	82	72	64	58	69	62	57	67	61	56	65	60	55	53
5	78	66	57	51	76	64	56	50	62	55	50	60	54	49	58	53	49	47
6	72	59	51	44	70	58	50	44	56	49	44	55	48	43	53	47	43	41
7	67	54	45	39	65	53	45	39	51	44	39	50	43	39	49	43	38	36
8	62	49	41	35	61	48	41	35	47	40	35	46	39	35	45	39	34	32
9	58	45	37	32	57	44	37	32	43	36	31	42	36	31	41	35	31	29
10	55	42	34	29	53	41	34	29	40	33	28	39	33	28	38	32	28	26

POLAR GRAPH



Maximum Candela = 628.53 Located At Horizontal Angle = 270, Vertical Angle = 18
1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (18) (Through Max. Cd.)