



IES INDOOR REPORT

PHOTOMETRIC FILENAME : 155(SW)-24LED28DMVOA40.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 155(SW)-24LED28DMVOA40
 [TESTDATE] 16-Oct-2017 09:13:36
 [TESTLAB] Radiant Vision Systems ProSource
 [ISSUE DATE] 10/16/2017 10:09:31 AM
 [MANUFAC] TEXAS FLOURESCENTS
 [TOTALLUMINAIRELUMENS] 2091.1
 [NUMBEROFRAYS]10000000
 [DRIVER TYPE] (1) OSRAM OT50W
 [BOARD TYPE] (4) LUMA SMART "S" BOARDS
 [COLOR TEMP] 4,004 CCT
 [LUMEN/WATT] 75 LM/WT
 [CRI] 84.2
 [OTHER] Absolute Photometry measurement

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2091
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	75
Total Luminaire Watts	28
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	5976	4975	5127
55	5398	4540	4726
65	4619	3978	4335
75	3248	3426	3841
85	1125	2905	3513

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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	497.86	497.86	497.86	497.86	497.86	497.86	497.86	497.86	497.86	497.86
3	496.55	496.84	497.18	497.94	498.34	498.96	499.45	499.81	500.04	500.07
6	493.68	494.29	495.79	497.53	499.19	500.72	502.12	503.31	503.96	504.17
9	490.13	491.10	493.75	496.47	500.09	503.22	506.37	508.86	510.43	511.04
12	485.00	486.73	490.18	494.71	499.74	504.54	509.28	513.73	516.48	517.35
15	477.41	480.24	485.93	491.71	498.15	505.41	511.67	516.75	519.58	519.95
18	468.22	473.22	480.01	487.63	495.48	505.82	513.97	519.05	520.60	520.59
21	458.38	463.67	473.17	483.00	493.46	505.67	515.21	519.50	520.26	521.69
24	447.20	452.63	465.43	477.34	489.75	503.64	514.75	518.43	519.34	523.46
27	434.08	441.24	455.09	470.62	483.65	497.04	510.98	516.35	519.12	525.09
30	420.18	428.44	443.53	460.97	474.62	488.62	505.19	512.58	517.61	524.10
33	406.48	414.23	430.06	451.67	467.29	483.20	500.07	507.22	512.18	518.61
36	391.39	399.39	417.12	441.87	459.30	475.77	494.04	501.85	504.80	510.84
39	373.45	383.99	404.45	425.99	447.32	465.98	484.69	495.38	498.68	503.29
42	354.09	366.92	388.63	411.33	435.67	455.70	473.90	486.07	491.68	495.63
45	334.82	347.81	372.19	396.28	421.83	444.67	461.16	475.56	482.27	486.77
48	314.53	327.90	356.21	380.92	408.02	431.91	447.13	465.07	471.07	475.71
51	292.06	308.76	336.86	365.57	394.15	417.89	433.45	452.43	459.99	461.95
54	268.87	286.66	319.44	345.39	375.61	402.92	418.45	436.61	446.76	446.87
57	246.40	264.14	296.85	325.82	356.75	385.24	403.15	418.99	430.45	431.83
60	223.48	242.15	271.08	305.33	334.41	365.22	386.21	402.52	411.21	416.26
63	198.82	219.26	249.67	285.95	311.68	343.20	368.42	386.05	393.47	399.25
66	173.15	192.91	225.96	265.00	294.85	322.23	348.92	367.30	376.56	380.43
69	147.43	165.43	203.94	235.77	274.54	300.88	328.54	346.92	357.28	359.80
72	121.29	138.11	180.75	212.31	252.67	280.04	308.19	325.26	335.78	337.95
75	94.41	112.24	154.76	192.45	228.78	261.13	285.36	302.04	312.22	315.75
78	67.75	88.13	129.71	171.91	208.30	238.62	261.93	279.01	289.62	294.32
81	46.32	67.36	111.72	152.89	190.41	219.12	243.02	264.53	271.95	276.91
84	25.07	49.35	91.01	132.80	168.13	199.33	225.05	248.52	256.33	260.21
87	10.30	33.76	74.00	114.65	155.28	184.74	212.44	230.57	238.17	246.05
90	3.01	24.55	64.14	104.23	145.29	171.76	192.71	220.02	230.15	233.48
93	0.35	9.07	29.68	52.32	59.39	75.57	88.61	110.28	93.73	98.88
96	0.02	0.81	2.04	2.47	4.57	4.74	7.14	10.43	10.54	6.87
99	0.01	0.17	0.77	0.86	0.83	0.80	1.11	1.01	2.09	0.44
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	497.86	497.86	497.86	497.86	497.86	497.86	497.86	497.86	497.86	497.86
3	500.05	499.84	499.50	499.04	498.44	498.05	497.30	496.96	496.65	496.38
6	503.93	503.23	502.01	500.59	499.05	497.39	495.59	493.95	493.33	493.11
9	510.37	508.73	506.15	502.88	499.60	495.72	492.72	489.70	488.69	488.79
12	516.22	513.30	508.76	503.95	499.06	493.72	488.76	485.21	483.65	484.14
15	518.61	515.06	509.79	503.96	497.16	490.56	484.53	480.10	478.56	478.69
18	519.78	516.52	510.31	503.22	494.96	487.03	478.87	474.18	471.34	472.32
21	522.40	518.47	510.49	502.55	493.66	483.57	473.39	465.39	460.34	463.25
24	524.62	519.59	509.68	501.24	490.30	477.18	466.61	455.25	447.86	452.83
27	523.02	516.40	507.02	497.44	484.66	468.88	454.83	443.77	436.35	440.80
30	519.10	511.53	502.30	490.14	475.13	457.98	441.07	429.29	424.90	426.07
33	515.90	505.67	495.54	483.50	466.71	447.34	426.60	413.30	411.89	410.55
36	511.19	499.17	488.55	477.44	460.75	438.28	413.78	396.97	396.24	394.34
39	502.41	492.60	480.87	468.52	449.68	425.10	402.94	380.58	377.59	377.26
42	491.43	485.26	470.93	454.29	434.34	409.87	389.84	362.77	357.75	359.72
45	481.60	475.33	458.42	440.78	419.25	392.14	374.24	342.92	338.37	341.92
48	470.33	463.56	445.47	428.69	408.23	375.35	355.96	322.49	318.15	322.79
51	457.18	450.78	433.24	413.60	393.64	361.04	332.82	304.49	295.61	303.78
54	442.49	437.02	419.82	396.86	370.93	342.19	313.02	285.64	271.38	283.35
57	427.89	421.47	403.79	379.65	351.07	323.16	290.82	265.00	246.57	261.58
60	411.27	404.83	382.71	361.36	332.98	302.09	269.44	241.64	222.14	237.71
63	393.13	386.46	362.18	340.61	311.65	282.39	250.92	216.38	198.46	213.73
66	373.53	364.88	342.73	322.02	291.61	263.46	225.53	189.11	173.89	188.63
69	353.12	342.36	322.37	300.87	269.69	237.87	200.40	163.73	147.01	162.84
72	333.13	322.62	303.06	276.86	250.15	214.37	176.50	139.69	119.31	136.49
75	312.19	303.50	282.71	258.89	226.42	190.74	151.94	113.95	92.61	110.56
78	291.26	280.35	260.65	239.51	203.72	167.80	128.45	87.32	67.02	85.77
81	271.06	260.05	239.02	213.73	181.03	145.14	105.61	60.52	41.16	60.55
84	253.60	245.08	224.02	192.64	164.38	127.26	84.49	44.85	21.84	43.07
87	236.03	228.00	205.67	181.78	149.59	109.75	71.62	31.10	9.18	29.61
90	228.49	213.35	200.89	172.33	138.44	102.41	64.77	24.68	3.62	25.01
93	102.32	113.83	100.59	92.08	73.45	61.75	38.05	11.88	0.21	12.45
96	13.59	11.74	10.11	11.29	9.31	6.72	5.88	1.82	0.04	1.99
99	3.39	0.85	0.55	0.40	0.48	0.05	0.06	0.46	0.00	0.54
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)-24LED28DMVOA40.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	497.86	497.86	497.86	497.86	497.86	497.86	497.86	497.86	497.86	497.86
3	496.15	496.25	496.15	496.16	496.20	496.20	496.19	496.21	496.21	496.23
6	493.82	494.64	495.39	496.03	496.44	496.60	496.57	496.50	496.56	496.63
9	490.82	493.01	496.02	498.41	500.08	500.58	500.34	499.99	499.84	499.79
12	486.70	490.82	495.70	500.18	503.79	505.54	505.55	505.05	504.72	504.07
15	481.80	486.72	492.93	499.87	504.91	507.78	509.09	509.62	509.55	507.81
18	475.05	481.68	489.20	498.08	504.09	507.30	510.34	513.06	512.69	509.74
21	468.58	476.58	486.73	496.82	503.44	505.83	510.09	515.03	512.96	508.43
24	460.87	468.60	482.04	494.22	502.40	504.63	509.20	514.99	510.78	505.73
27	449.05	459.89	475.22	487.41	498.52	503.50	508.45	512.47	508.36	503.28
30	436.38	449.95	465.15	477.53	491.58	500.46	506.57	507.58	506.18	500.12
33	423.07	440.35	456.63	470.42	484.42	494.47	500.84	500.88	502.58	493.88
36	410.18	431.97	450.16	464.07	478.57	488.17	492.59	494.34	495.76	486.43
39	398.94	419.83	439.64	455.30	471.14	480.54	484.68	489.20	485.87	479.21
42	384.82	404.51	426.12	443.36	460.36	469.02	475.58	482.61	473.98	470.35
45	367.43	385.98	411.61	431.93	447.40	457.25	464.68	471.71	461.71	459.33
48	349.39	368.96	398.00	418.89	434.23	447.59	453.01	457.79	449.30	448.23
51	328.75	354.69	380.95	401.87	420.23	435.37	441.23	442.90	437.87	435.89
54	309.84	335.90	359.06	384.68	403.73	418.99	426.50	427.92	424.83	420.58
57	286.21	316.67	341.58	368.17	385.91	401.44	409.61	413.03	409.45	402.71
60	263.57	295.83	323.71	350.06	365.71	383.64	390.58	396.77	391.32	383.80
63	245.21	275.50	300.00	328.11	347.92	362.96	371.35	377.85	372.59	363.75
66	220.21	254.22	278.61	307.20	328.47	341.30	351.33	357.15	352.94	342.26
69	194.86	226.78	257.19	285.90	303.82	322.17	331.15	336.02	333.15	321.03
72	171.20	204.37	237.98	263.23	282.21	303.75	311.29	315.28	313.40	301.25
75	146.99	182.69	214.10	242.53	263.13	282.71	288.80	295.25	290.98	280.43
78	122.82	160.28	192.14	219.96	241.79	258.19	266.62	274.69	268.41	256.75
81	100.00	136.50	167.11	193.84	216.32	234.73	245.63	250.80	246.03	236.39
84	80.80	120.79	148.59	179.41	201.92	222.26	231.20	231.51	227.42	220.62
87	68.91	104.90	136.66	169.24	190.05	210.68	217.38	218.09	215.19	205.07
90	62.65	97.71	130.71	158.61	180.03	200.91	207.34	213.87	210.57	193.99
93	39.45	65.06	82.27	104.46	114.72	137.31	121.19	128.05	118.98	124.72
96	6.24	8.01	12.81	14.69	15.70	19.30	17.05	12.11	14.83	17.52
99	0.09	0.11	0.79	0.85	1.62	2.95	4.61	1.99	3.70	3.63
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)-24LED28DMVOA40.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	497.86	497.86	497.86	497.86	497.86	497.86	497.86
3	496.23	496.19	496.16	496.23	496.10	496.30	496.55
6	496.55	496.24	495.68	494.95	494.16	493.51	493.68
9	499.40	498.18	496.25	493.62	491.74	490.09	490.13
12	502.41	499.66	495.88	491.27	487.34	485.09	485.00
15	504.60	500.25	493.97	487.30	481.63	477.55	477.41
18	504.64	498.56	490.03	481.81	474.18	469.88	468.22
21	502.69	495.62	485.99	474.96	466.57	461.08	458.38
24	500.52	492.71	480.64	465.57	457.83	451.02	447.20
27	497.25	487.56	474.91	458.38	448.18	438.90	434.08
30	491.51	479.95	466.88	452.30	440.33	424.99	420.18
33	484.47	472.99	458.64	444.71	428.76	410.68	406.48
36	477.32	464.18	448.60	432.69	411.36	395.19	391.39
39	468.69	453.27	435.86	414.99	395.08	378.12	373.45
42	458.15	441.43	425.16	400.36	380.01	360.19	354.09
45	446.13	428.87	411.75	384.10	363.75	341.07	334.82
48	432.96	414.37	395.72	366.76	345.90	320.80	314.53
51	417.21	398.80	379.55	351.46	325.92	302.00	292.06
54	399.36	383.87	361.58	332.63	308.78	281.84	268.87
57	383.18	367.42	344.57	312.79	286.12	259.88	246.40
60	365.30	348.95	323.84	291.93	262.29	236.54	223.48
63	347.11	326.92	301.08	272.46	242.71	213.14	198.82
66	328.31	304.38	281.77	251.96	217.90	187.57	173.15
69	308.37	283.34	258.35	224.10	193.32	161.32	147.43
72	287.75	264.11	234.93	200.67	169.62	135.26	121.29
75	264.53	244.14	211.07	179.39	144.84	109.31	94.41
78	240.84	219.76	191.07	157.79	120.99	83.82	67.75

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 155(SW)-24LED28DMVOA40.IES

CANDELA TABULATION - (Cont.)

81	218.93	196.92	173.08	139.40	102.81	63.34	46.32
84	205.53	178.27	155.68	121.78	81.86	45.75	25.07
87	194.12	169.30	140.55	103.31	67.56	30.08	10.30
90	187.75	163.81	129.19	96.54	59.19	22.20	3.01
93	106.72	89.37	66.72	51.13	30.24	9.32	0.35
96	12.73	8.28	7.66	3.97	2.63	1.10	0.02
99	3.34	2.14	1.28	1.68	0.95	0.28	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 : 155(SW)-24LED28DMVOA40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	153.05	N.A.	7.30
0-30	412.55	N.A.	19.70
0-40	669.02	N.A.	32.00
0-60	1346.88	N.A.	64.40
0-80	1831.52	N.A.	87.60
0-90	2042.25	N.A.	97.60
10-90	2003.75	N.A.	95.80
20-40	515.97	N.A.	24.70
20-50	803.40	N.A.	38.40
40-70	943.51	N.A.	45.10
60-80	484.64	N.A.	23.20
70-80	218.99	N.A.	10.50
80-90	210.73	N.A.	10.10
90-110	49.23	N.A.	2.40
90-120	49.23	N.A.	2.40
90-130	49.23	N.A.	2.40
90-150	49.23	N.A.	2.40
90-180	49.23	N.A.	2.40
110-180	0.00	N.A.	0.00
0-180	2091.48	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	38.50
10-20	114.55
20-30	259.50
30-40	256.46
40-50	287.44
50-60	390.42
60-70	265.65
70-80	218.99
80-90	210.73
90-100	49.03
100-110	0.20
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

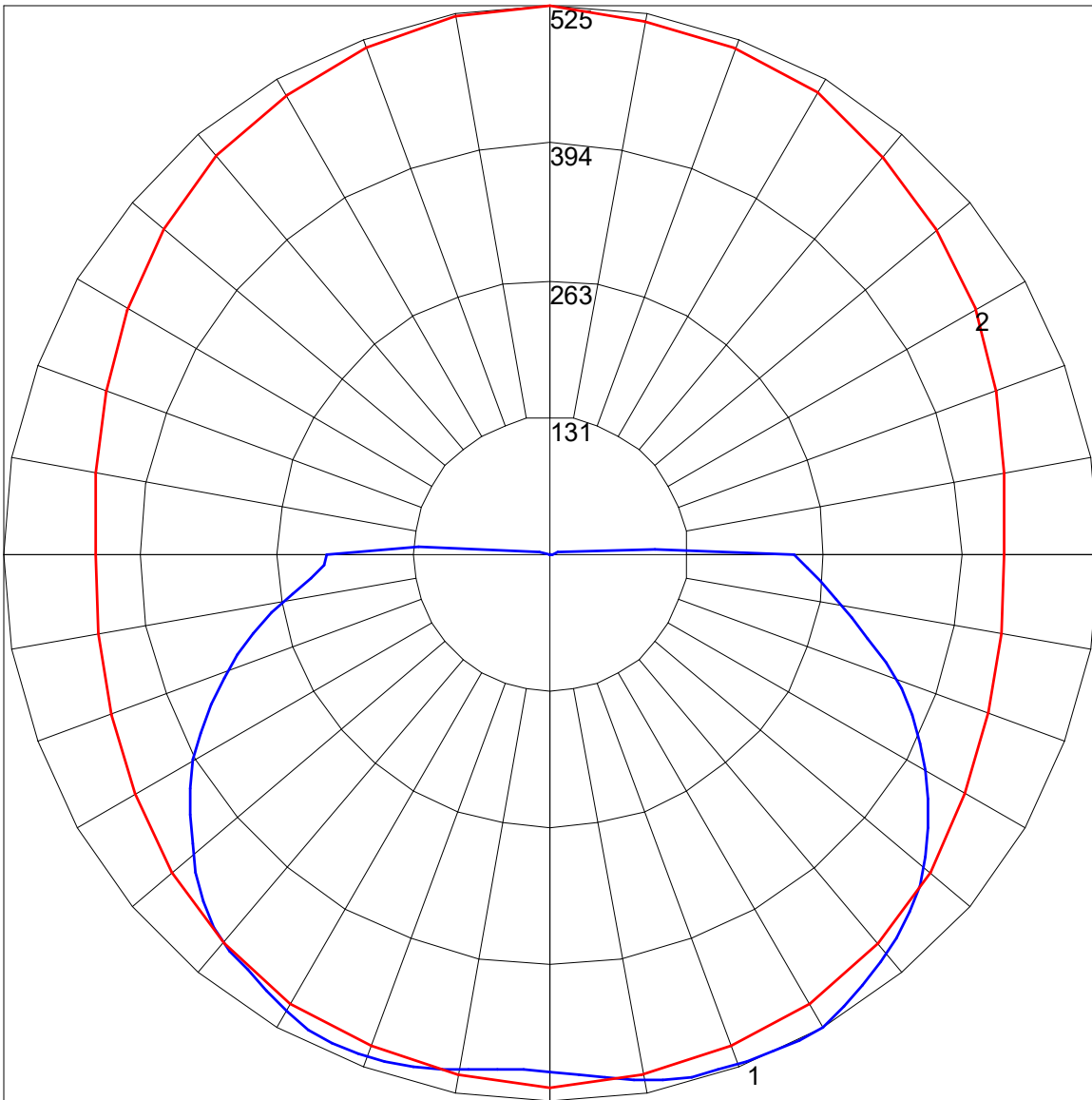
IES INDOOR REPORT
PHOTOMETRIC FILENAME : 155(SW)-24LED28DMVOA40.IES

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	86	101	95	90	85	90	86	82	86	82	79	81	79	76	73
2	93	83	75	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	55	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 = 525.09 Located At Horizontal Angle = 90, Vertical Angle = 27
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (27) (Through Max. Cd.)