



IES INDOOR REPORT

PHOTOMETRIC FILENAME : 155SW-217LEDL9W840.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] 155SW-217LEDL9W840
 [TESTDATE] 09-Mar-2020 07:58:47
 [TESTLAB] Radiant Vision Systems ProSource
 [ISSUE DATE] 3/9/2020 9:23:03 AM
 [MANUFAC] Mobern Lighting Co.
 [LAMP] LED Module
 [TOTALLUMINAIRELUMENS] 1837.2
 [DRIVER TYPE](2) LT8BGC24L9W1050L40K
 [BOARD/LAMP TYPE] (2) LT8BGC24L9W1050L40K
 [COLOR TEMP] 4096 CCT
 [LUMEN/WATT] 80 LPW
 [CRI] 85.5
 [NUMBEROFRAYS]10000000
 [OTHER] Absolute Photometry measurement

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1838
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	80
Total Luminaire Watts	23
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.30
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	6023	3921	3546
55	3446	2796	3017
65	2245	2253	3293
75	1910	2347	3547
85	1021	2712	3438

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 155SW-217LEDL9W840.IES

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	641.18	641.18	641.18	641.18	641.18	641.18	641.18	641.18	641.18	641.18
3	638.81	639.56	640.40	641.93	642.89	644.47	645.88	647.14	648.18	648.76
6	636.50	637.01	638.43	640.38	642.63	645.19	648.42	651.60	653.79	655.37
9	633.55	633.05	634.05	635.33	638.77	643.16	648.67	653.07	655.65	656.68
12	626.99	626.60	627.56	629.43	633.68	639.73	647.22	652.89	654.88	654.54
15	614.57	616.79	619.94	621.02	624.23	633.45	643.35	650.24	652.06	651.30
18	598.82	605.94	609.48	610.77	613.12	625.11	636.76	643.22	645.52	644.80
21	582.56	590.89	597.37	599.21	603.12	615.12	625.31	629.96	632.29	631.88
24	564.67	571.92	581.74	583.57	588.22	599.23	603.13	607.27	610.66	609.88
27	543.43	549.07	561.09	566.66	569.23	577.42	577.91	579.73	580.65	577.34
30	518.71	522.22	538.99	545.52	543.23	547.86	550.43	553.73	545.60	536.76
33	490.73	494.32	511.23	519.45	514.93	511.64	513.24	515.61	504.49	491.96
36	459.41	464.78	475.46	486.79	480.93	469.88	467.65	463.94	458.93	447.85
39	424.37	431.89	438.02	438.77	438.68	426.32	418.97	415.71	413.38	408.25
42	384.12	391.35	392.75	388.34	393.06	382.74	378.28	372.71	371.05	371.61
45	337.43	340.10	339.75	335.41	343.16	339.76	341.03	339.25	337.08	336.59
48	285.04	283.88	289.14	289.73	301.43	302.56	309.75	314.90	311.36	308.14
51	229.62	233.32	241.93	256.24	269.69	273.28	285.03	295.70	293.69	291.02
54	179.39	187.98	211.05	223.97	239.20	248.37	262.47	278.87	282.16	282.93
57	141.77	153.81	180.10	196.65	214.20	226.68	244.42	265.38	277.27	280.43
60	115.40	128.88	150.93	172.17	192.52	209.91	231.19	260.19	278.06	282.80
63	96.96	109.43	130.86	151.63	174.07	196.63	225.34	261.37	284.87	289.24
66	83.99	92.90	112.27	133.79	161.64	187.93	225.53	265.57	292.84	296.01
69	74.23	80.59	97.52	117.65	151.92	186.76	229.93	270.01	292.48	299.25
72	65.38	70.53	85.51	110.43	146.43	189.88	236.97	271.70	286.33	297.80
75	55.53	60.02	75.83	106.62	141.72	193.85	242.68	270.94	282.20	291.58
78	44.33	49.09	67.82	102.85	140.59	193.92	240.12	265.41	277.85	281.82
81	33.91	39.72	61.40	99.07	140.54	191.38	234.42	256.93	267.29	271.27
84	21.78	31.41	53.25	95.45	141.83	192.39	225.15	242.11	249.67	257.25
87	11.31	21.96	45.72	89.04	144.63	190.50	211.38	225.21	228.31	235.50
90	2.77	15.03	40.91	87.14	136.02	174.89	195.75	205.22	208.01	208.08
93	0.28	5.74	21.85	48.80	68.79	78.28	88.16	105.61	94.64	100.46
96	0.01	0.63	1.51	2.66	6.03	5.55	6.92	9.60	11.27	6.97
99	0.01	0.15	0.51	0.88	0.88	0.84	1.13	0.98	2.71	0.53
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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 155SW-217LEDL9W840.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. 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	641.18	641.18	641.18	641.18	641.18	641.18	641.18	641.18	641.18	641.18
3	649.25	649.23	648.91	648.28	647.17	646.13	644.86	643.76	642.75	641.85
6	655.92	655.48	654.03	651.85	649.38	646.59	643.37	640.19	638.78	637.71
9	656.45	655.29	653.00	649.05	643.78	636.76	632.28	627.24	626.28	626.11
12	652.95	650.97	648.85	645.11	637.78	626.85	618.00	613.46	612.60	613.82
15	648.75	645.72	643.82	641.98	633.29	620.09	609.82	605.19	604.39	604.49
18	642.10	636.51	631.84	630.37	622.65	611.22	600.92	597.63	594.92	594.60
21	628.50	621.60	612.56	608.31	604.59	596.79	588.08	581.66	576.89	577.78
24	606.14	600.74	590.71	585.42	583.11	578.78	571.38	560.26	554.08	557.24
27	574.55	573.75	568.63	564.06	564.21	560.99	548.11	537.91	531.52	535.47
30	537.59	543.59	539.34	537.94	541.95	536.91	520.26	512.68	507.97	509.56
33	495.92	504.14	502.15	509.35	518.10	509.13	489.14	484.62	481.09	479.80
36	452.07	458.40	461.67	476.99	487.38	477.37	455.96	451.51	450.73	448.57
39	408.50	413.10	416.02	434.97	443.00	429.80	420.57	410.75	416.42	416.93
42	365.99	366.27	373.26	384.22	391.17	380.87	376.40	363.18	374.34	377.48
45	331.12	329.44	333.83	335.34	335.02	328.40	328.37	314.43	322.00	326.36
48	305.70	304.30	301.25	295.81	289.54	278.49	280.61	266.40	265.11	272.03
51	287.73	283.71	274.85	265.31	255.97	239.06	228.53	220.26	211.26	225.85
54	274.82	267.46	253.90	241.52	225.29	204.92	190.70	175.59	166.82	184.29
57	271.07	258.29	240.80	223.41	203.24	179.92	157.68	143.41	135.70	149.49
60	274.82	256.22	231.71	208.64	185.61	157.99	135.56	122.00	113.75	121.97
63	281.92	257.82	227.75	195.93	169.51	141.27	122.20	104.39	95.82	103.12
66	289.40	263.34	228.73	187.56	157.00	130.07	107.35	87.59	81.15	89.65
69	293.38	270.52	231.37	184.19	145.65	119.43	94.25	74.56	69.73	78.72
72	293.14	273.57	233.70	184.21	139.89	110.22	83.33	64.90	60.06	68.51
75	289.46	271.33	234.02	190.57	137.38	101.83	72.99	55.94	50.47	58.06
78	281.60	263.55	229.14	194.55	139.00	95.86	63.78	46.37	39.97	46.88
81	269.42	254.59	221.83	189.27	134.29	89.30	55.64	34.80	27.04	34.44
84	254.64	244.66	217.70	186.17	131.13	84.69	48.09	26.36	16.29	26.15
87	236.53	228.25	205.73	177.92	131.99	82.80	42.32	18.57	6.35	16.85
90	210.22	203.57	182.70	162.46	133.86	79.66	37.26	11.61	1.44	9.87
93	97.93	108.35	97.78	91.68	78.29	53.42	25.74	6.40	0.31	6.37
96	13.97	11.20	9.67	12.36	10.70	6.13	3.62	1.01	0.02	1.07
99	3.81	0.77	0.54	0.73	0.79	0.10	0.04	0.33	0.00	0.39
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 : 155SW-217LEDL9W840.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	641.18	641.18	641.18	641.18	641.18	641.18	641.18	641.18	641.18	641.18
3	641.07	640.30	639.78	639.17	638.64	638.16	637.72	637.39	637.09	636.91
6	638.02	638.22	638.44	638.69	638.75	638.48	638.05	637.49	637.08	636.79
9	629.04	631.44	635.51	638.74	640.93	641.42	640.98	640.53	640.57	640.85
12	617.63	623.78	631.46	638.01	643.17	645.72	646.10	646.16	646.98	647.77
15	608.28	615.12	624.04	633.79	641.10	646.97	650.70	652.49	652.98	652.00
18	596.32	605.01	613.89	623.73	631.98	641.12	648.20	651.28	651.60	648.61
21	583.15	594.13	604.42	611.91	618.82	629.03	635.04	636.31	639.11	637.94
24	567.56	578.95	591.52	599.73	603.06	613.14	617.11	615.47	620.28	620.77
27	544.68	559.87	573.44	583.34	585.59	594.44	599.35	596.71	599.29	595.88
30	517.24	534.26	546.79	555.98	559.92	571.60	575.78	574.02	573.29	565.94
33	488.98	508.98	521.01	523.63	523.74	533.72	536.49	540.03	537.03	529.77
36	463.63	486.64	494.63	489.33	485.81	486.22	485.30	495.99	491.70	490.86
39	437.08	454.44	458.22	449.27	445.34	440.96	437.34	446.07	443.28	447.15
42	396.71	412.46	412.75	402.48	401.46	391.71	392.96	397.03	393.28	394.49
45	346.02	357.73	359.74	356.47	354.65	346.56	352.73	354.87	350.11	348.96
48	294.83	301.71	311.18	313.48	314.56	313.55	317.87	320.27	316.14	315.78
51	239.99	255.70	271.46	277.09	282.57	287.56	291.06	292.52	292.02	290.55
54	199.00	214.06	235.60	251.35	258.88	265.58	269.01	271.17	272.96	272.23
57	161.52	184.68	208.51	231.47	244.53	248.39	253.73	256.46	257.20	256.53
60	135.67	160.48	185.65	211.04	230.29	238.06	245.14	250.89	246.14	242.88
63	120.28	142.01	166.86	193.63	216.94	232.86	244.68	255.80	247.16	235.67
66	106.05	128.14	155.03	182.52	207.82	232.10	250.54	266.02	258.86	238.57
69	95.78	114.98	143.95	172.89	205.13	236.13	258.64	275.46	272.10	247.14
72	85.92	106.17	135.79	164.68	207.75	244.12	265.38	281.12	279.83	253.22
75	74.17	98.30	129.24	165.44	213.09	252.72	270.14	281.14	279.40	255.23
78	63.75	90.60	125.14	168.43	214.51	251.58	269.61	274.80	270.39	250.19
81	55.43	82.59	119.80	167.77	207.90	237.34	255.78	259.86	253.21	238.69
84	46.51	77.83	121.06	170.84	202.02	223.90	238.22	244.44	236.01	223.38
87	38.51	75.34	121.17	166.83	192.54	206.78	214.16	219.92	217.52	205.78
90	34.03	73.79	118.61	154.46	177.75	185.60	191.93	205.02	189.58	184.02
93	24.02	55.93	83.43	104.56	118.82	124.45	117.49	120.29	108.63	121.54
96	3.71	7.35	14.61	16.54	16.08	18.13	17.33	11.87	14.47	17.00
99	0.08	0.20	1.46	1.22	1.65	2.70	5.55	1.65	4.06	3.26
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 : 155SW-217LEDL9W840.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	641.18	641.18	641.18	641.18	641.18	641.18	641.18
3	636.81	636.78	636.95	637.28	637.55	638.13	638.81
6	636.47	636.26	636.08	636.00	636.06	636.15	636.50
9	640.78	640.08	639.11	637.79	636.25	634.50	633.55
12	647.28	645.43	642.43	638.16	632.98	628.88	626.99
15	649.90	646.34	639.52	629.85	619.93	613.66	614.57
18	644.01	638.23	627.28	614.05	599.05	596.13	598.82
21	631.75	623.68	613.36	599.28	585.10	580.70	582.56
24	613.93	606.18	595.85	584.30	575.11	567.78	564.67
27	592.82	586.12	577.14	567.26	557.34	549.93	543.43
30	566.84	560.22	551.87	542.58	531.62	524.43	518.71
33	536.76	534.23	526.55	514.47	499.95	494.37	490.73
36	500.56	506.23	502.93	489.51	466.88	462.13	459.41
39	451.39	469.40	471.24	458.71	439.46	430.90	424.37
42	402.22	418.66	426.70	417.37	405.16	394.85	384.12
45	354.00	362.31	370.48	362.72	355.56	346.15	337.43
48	312.34	313.54	319.14	309.90	301.41	289.38	285.04
51	283.23	280.69	279.15	268.54	248.73	237.91	229.62
54	263.70	259.33	244.62	229.20	213.92	192.08	179.39
57	247.96	239.14	218.05	198.24	180.19	156.27	141.77
60	229.09	215.00	193.97	172.10	151.55	129.19	115.40
63	213.30	192.79	172.71	151.80	132.35	109.36	96.96
66	206.67	179.22	159.35	135.82	113.04	93.85	83.99
69	209.67	173.75	148.86	120.49	97.71	82.63	74.23
72	215.23	173.36	141.22	109.81	85.99	73.04	65.38
75	219.05	177.09	134.58	101.21	77.18	61.86	55.53
78	219.35	178.93	133.02	95.30	68.95	49.70	44.33

IES INDOOR REPORT
PHOTOMETRIC FILENAME : 155SW-217LEDL9W840.IES

CANDELA TABULATION - (Cont.)

81	219.23	178.02	134.19	93.12	62.56	40.22	33.91
84	217.27	175.91	134.42	89.95	52.17	31.62	21.78
87	202.68	174.33	135.90	83.28	42.62	20.89	11.31
90	178.71	153.97	129.19	77.16	37.32	13.21	2.77
93	105.67	91.91	75.97	50.94	23.93	6.10	0.28
96	13.00	9.42	10.21	3.99	2.16	0.86	0.01
99	3.51	2.31	1.63	1.58	0.73	0.26	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 : 155SW-217LEDL9W840.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	195.28	N.A.	10.60
0-30	507.96	N.A.	27.60
0-40	781.40	N.A.	42.50
0-60	1283.78	N.A.	69.80
0-80	1603.96	N.A.	87.30
0-90	1791.78	N.A.	97.50
10-90	1742.16	N.A.	94.80
20-40	586.12	N.A.	31.90
20-50	833.99	N.A.	45.40
40-70	664.42	N.A.	36.10
60-80	320.18	N.A.	17.40
70-80	158.14	N.A.	8.60
80-90	187.82	N.A.	10.20
90-110	46.20	N.A.	2.50
90-120	46.20	N.A.	2.50
90-130	46.20	N.A.	2.50
90-150	46.20	N.A.	2.50
90-180	46.20	N.A.	2.50
110-180	0.00	N.A.	0.00
0-180	1837.98	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	49.63
10-20	145.66
20-30	312.68
30-40	273.44
40-50	247.88
50-60	254.51
60-70	162.03
70-80	158.14
80-90	187.82
90-100	45.99
100-110	0.22
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

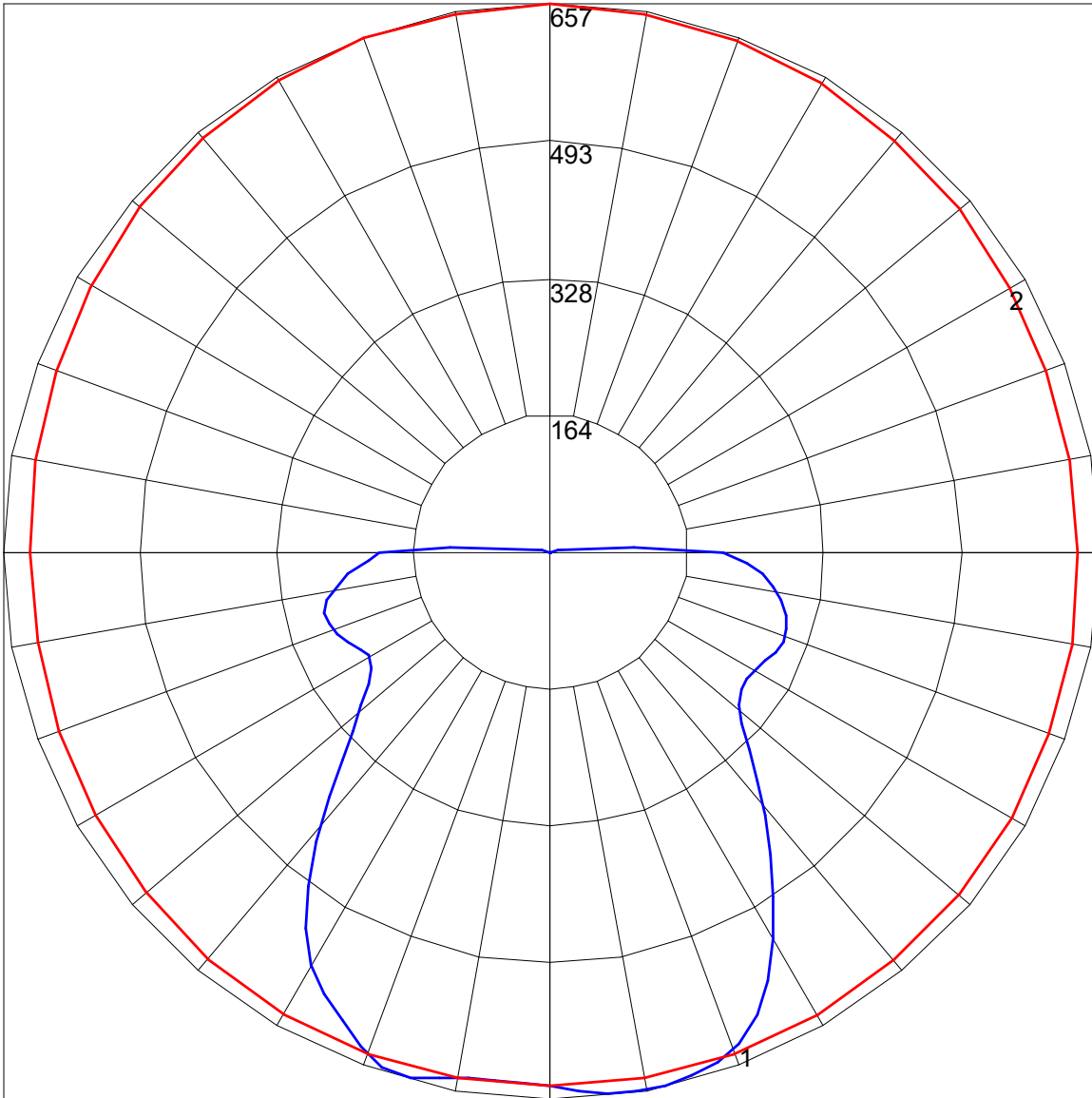
PHOTOMETRIC FILENAME : 155SW-217LEDL9W840.IES

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	118	118	118	118	115	115	115	115	110	110	110	105	105	105	100	100	100	97
1	105	99	93	88	102	96	91	87	91	87	83	87	84	80	83	80	78	75
2	95	86	78	71	92	83	76	70	79	73	68	76	71	66	72	68	64	62
3	87	75	66	59	84	73	65	59	70	63	57	67	61	56	64	59	54	52
4	80	67	58	50	77	65	57	50	62	55	49	60	53	48	57	52	47	45
5	73	60	51	44	71	59	50	43	56	48	42	54	47	42	52	46	41	39
6	68	54	45	38	66	53	44	38	51	43	37	49	42	37	47	41	36	34
7	63	49	40	34	61	48	40	34	46	39	33	45	38	33	43	37	32	30
8	59	45	36	30	57	44	36	30	43	35	30	41	34	29	40	34	29	27
9	55	41	33	27	53	41	33	27	39	32	27	38	31	27	37	31	26	24
10	52	38	30	25	50	38	30	25	36	29	24	35	29	24	34	28	24	22

POLAR GRAPH



Maximum Candela = 656.68 Located At Horizontal Angle = 90, Vertical Angle = 9
1 - Vertical Plane Through Horizontal Angles (90 - 270) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (9) (Through Max. Cd.)