



**IES INDOOR REPORT
PHOTOMETRIC FILENAME : VANL-N-24-L-40.IES**

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
 [TEST] G005332.001.001
 [TESTLAB]
 [TESTDATE] 2022-10-03
 [ISSUEDATE] 2022-10-25
 [MANUFAC] LAMAR LED
 [LUMCAT] VANL-N-24-L-40
 [LUMINAIRE] VANDAL RESISTANT SURFACE LED LUMINAIRE
 [MORE]RIBBED LINEAR OPAL HIGH IMPACT EXTRUDED POLYCARBONATE LENS
 [_WATTAGE] 19.3
 [_LUMENS] 2542
 [_EFFICACY] 132

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	2542
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	132
Total Luminaire Watts	19.3
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.24
Spacing Criterion (Diagonal)	1.38
Basic Luminous Shape	Rectangular w/Sides
Luminous Length (0-180)	1.97 ft
Luminous Width (90-270)	0.33 ft
Luminous Height	0.13 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	11576	8685	7821
55	11718	7795	6565
65	12351	6913	5040
75	14356	6103	3042
85	22431	5562	594

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CANDELA TABULATION

	<u>0</u>	<u>5</u>	<u>10</u>	<u>15</u>	<u>20</u>	<u>25</u>	<u>30</u>	<u>35</u>	<u>40</u>	<u>45</u>
0	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06
1	740.63	740.63	740.70	740.70	740.70	740.77	740.77	740.83	740.91	740.97
2	739.28	739.28	739.28	739.34	739.41	739.48	739.55	739.68	739.75	739.88
3	737.92	737.92	737.92	737.99	738.05	738.12	738.26	738.40	738.60	738.67
4	736.49	736.49	736.57	736.63	736.70	736.84	736.97	736.90	736.90	737.04
5	735.14	735.14	735.21	735.28	735.34	735.34	735.28	735.21	735.21	735.28
6	733.71	733.78	733.85	733.85	733.92	733.71	733.58	733.51	733.51	733.38
7	732.36	732.36	732.42	732.42	732.29	732.02	731.82	731.75	731.35	731.07
8	731.00	731.00	731.00	731.00	730.59	730.32	730.12	729.58	729.17	728.97
9	729.58	729.64	729.64	729.44	728.97	728.63	728.08	727.48	727.07	726.53
10	728.22	728.29	728.22	727.81	727.34	726.87	726.05	725.45	724.63	723.82
11	724.70	724.83	725.04	724.90	724.97	724.90	724.02	723.07	721.91	721.44
12	721.17	721.31	721.44	721.24	721.24	721.03	721.03	720.35	719.55	718.66
13	717.64	717.78	717.78	717.58	717.37	717.10	716.77	716.56	716.97	715.68
14	714.12	714.26	714.18	713.92	713.51	713.17	712.49	712.63	712.56	712.76
15	710.59	710.66	710.52	710.25	709.71	709.04	708.49	708.28	708.08	708.08
16	707.07	707.13	706.93	706.53	705.78	704.97	704.42	704.02	703.54	703.27
17	703.54	703.61	703.34	702.73	701.85	700.90	700.22	699.54	698.86	698.19
18	700.02	700.02	699.75	699.00	697.92	696.83	696.15	695.06	693.91	693.17
19	696.49	696.49	696.09	695.20	693.98	692.70	691.81	690.39	688.96	688.08
20	692.96	692.96	692.43	691.40	690.12	688.69	687.41	685.57	684.15	682.79
21	687.47	687.61	687.41	686.86	686.25	684.76	682.86	680.76	679.13	677.22
22	681.98	682.19	681.78	681.10	680.56	680.56	678.25	676.05	673.78	671.57
23	676.52	676.69	676.17	675.36	674.58	674.28	673.24	671.47	668.31	665.93
24	671.05	671.20	670.55	669.63	668.60	668.06	666.78	666.18	662.82	660.18
25	665.57	665.68	664.90	663.89	662.78	661.77	660.40	659.15	657.45	654.28
26	660.09	660.14	659.24	658.15	656.92	655.47	654.06	652.17	651.01	648.31
27	654.61	654.60	653.59	652.39	651.04	649.18	647.58	645.28	643.74	642.34
28	649.14	649.05	647.94	646.60	645.00	642.85	640.74	638.50	636.46	635.04
29	643.67	643.49	642.30	640.74	638.92	636.54	633.95	631.63	629.17	627.27
30	638.19	637.92	636.67	634.89	632.88	630.23	627.28	624.48	621.87	619.59
31	631.14	630.97	630.10	628.84	626.80	623.90	620.68	617.35	614.40	611.75
32	624.09	623.87	622.99	621.51	620.06	617.56	614.06	610.29	606.81	603.76
33	617.04	616.77	615.86	614.17	612.54	610.37	607.46	603.22	599.35	595.98
34	610.00	609.68	608.73	606.82	605.04	602.51	600.25	596.14	591.92	588.06
35	602.94	602.60	601.61	599.48	597.50	594.68	591.97	588.96	584.17	580.01
36	595.90	595.53	594.48	592.14	589.97	586.95	583.79	580.63	576.52	571.91
37	588.85	588.46	587.36	584.81	582.47	579.21	575.71	572.19	569.07	563.82
38	581.80	581.41	580.16	577.47	574.98	571.46	567.66	563.85	560.30	555.69
39	574.76	574.36	572.95	570.17	567.51	563.64	559.57	555.44	551.40	547.41
40	567.70	567.32	565.76	562.86	560.07	555.84	551.48	546.86	542.51	538.27
41	559.66	559.38	558.00	555.56	552.65	548.02	543.39	538.36	533.72	529.02
42	551.61	551.32	549.78	547.32	544.81	540.18	535.29	530.02	524.76	519.83
43	543.57	543.26	541.58	539.04	536.17	532.20	527.24	521.69	515.78	510.67
44	535.52	535.19	533.38	530.76	527.58	523.52	519.19	513.11	506.89	501.31
45	527.48	527.11	525.20	522.49	519.04	514.79	510.24	504.55	498.10	491.97
46	519.43	519.04	517.02	514.23	510.55	506.08	501.21	495.94	489.24	482.49
47	511.38	510.95	508.86	505.98	502.06	497.37	492.09	486.73	480.41	473.08
48	503.34	502.87	500.74	497.67	493.62	488.67	483.04	477.35	471.17	463.72
49	495.29	494.78	492.64	489.32	485.20	479.99	474.05	467.93	461.49	454.46
50	487.25	486.68	484.56	480.96	476.72	471.34	465.12	458.63	451.92	445.25
51	478.72	478.15	476.20	472.58	468.23	462.65	456.23	449.45	442.37	435.26
52	470.19	469.57	467.60	463.86	459.64	453.94	447.34	440.31	432.75	425.29
53	461.66	460.99	459.00	455.16	450.77	445.15	438.49	431.08	423.22	415.44

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CANDELA TABULATION - (Cont.)

54	453.14	452.41	450.37	446.52	441.94	436.14	429.71	421.84	413.74	405.66
55	444.61	443.85	441.73	437.91	433.21	427.18	420.51	412.63	404.35	395.81
56	436.08	435.27	433.10	429.30	424.47	418.26	411.27	403.49	394.99	386.06
57	427.55	426.71	424.48	420.68	415.75	409.38	402.10	394.24	385.58	376.39
58	419.02	418.15	415.88	412.07	407.05	400.53	393.02	385.00	376.01	366.78
59	410.50	409.59	407.29	403.46	398.33	391.68	384.07	375.68	366.44	357.14
60	401.96	401.03	398.71	394.84	389.57	382.87	375.16	366.43	356.94	347.39
61	393.61	392.65	390.25	386.25	380.84	374.10	366.30	357.24	347.55	337.67
62	385.27	384.28	381.84	377.77	372.20	365.38	357.38	348.11	338.30	328.06
63	376.91	375.92	373.44	369.31	363.65	356.68	348.47	339.04	329.14	318.57
64	368.56	367.56	365.04	360.86	355.11	348.03	339.63	330.02	319.93	309.16
65	360.21	359.19	356.63	352.43	346.58	339.41	330.87	321.11	310.72	299.81
66	351.86	350.83	348.22	344.02	338.06	330.82	322.15	312.33	301.56	290.52
67	343.50	342.47	339.83	335.62	329.57	322.27	313.49	303.60	292.68	281.33
68	335.16	334.10	331.43	327.24	321.10	313.74	304.87	294.91	283.90	272.27
69	326.81	325.74	323.04	318.86	312.66	305.22	296.31	286.23	275.17	263.32
70	318.45	317.38	314.64	310.47	304.24	296.72	287.79	277.62	266.47	254.47
71	310.75	309.64	306.75	302.30	295.84	288.24	279.31	269.05	257.84	245.70
72	303.04	301.96	299.05	294.54	288.04	279.97	270.87	260.55	249.28	236.97
73	295.34	294.27	291.35	286.80	280.32	272.23	262.78	252.14	240.79	228.34
74	287.63	286.59	283.66	279.08	272.61	264.53	255.05	244.15	232.34	219.81
75	279.93	278.90	275.98	271.37	264.93	256.88	247.36	236.40	224.26	211.38
76	272.22	271.23	268.29	263.67	257.27	249.25	239.71	228.69	216.47	203.27
77	264.51	263.55	260.62	255.98	249.62	241.63	232.07	221.00	208.77	195.54
78	256.81	255.87	252.95	248.31	241.99	234.03	224.49	213.31	201.12	187.90
79	249.10	248.20	245.28	240.64	234.37	226.44	216.95	205.68	193.55	180.36
80	241.40	240.52	237.61	232.99	226.78	218.87	209.45	198.10	186.03	172.88
81	234.59	233.67	230.68	225.93	219.53	211.38	201.99	190.58	178.57	165.48
82	227.77	226.86	223.88	219.16	212.78	204.63	195.07	183.30	171.18	158.15
83	220.96	220.04	217.10	212.39	206.04	197.93	188.40	176.75	164.40	150.98
84	214.14	213.22	210.31	205.64	199.32	191.23	181.77	170.23	157.95	144.57
85	207.33	206.41	203.52	198.88	192.60	184.55	175.14	163.75	151.54	138.23
86	200.51	199.59	196.75	192.14	185.90	177.90	168.55	157.32	145.18	131.96
87	193.70	192.78	189.97	185.39	179.21	171.27	161.98	150.91	138.86	125.75
88	186.89	185.96	183.19	178.66	172.52	164.65	155.42	144.54	132.58	119.60
89	180.07	179.15	176.42	171.93	165.85	158.05	148.89	138.20	126.35	113.50
90	173.26	172.33	169.65	165.20	159.18	151.45	142.38	131.88	120.16	107.45
91	167.64	166.74	164.06	159.66	153.69	146.03	137.02	126.63	115.02	102.44
92	162.02	161.13	158.48	154.11	148.19	140.61	131.68	121.40	109.91	97.48
93	156.41	155.53	152.91	148.57	142.71	135.21	126.37	116.19	104.83	92.55
94	150.80	149.92	147.33	143.04	137.24	129.82	121.06	111.00	99.79	87.66
95	145.18	144.33	141.75	137.52	131.76	124.44	115.77	105.83	94.77	82.80
96	139.57	138.72	136.18	131.99	126.30	119.06	110.50	100.69	89.77	77.98
97	133.96	133.12	130.60	126.47	120.85	113.70	105.24	95.56	84.80	73.18
98	128.34	127.52	125.03	120.95	115.39	108.35	100.00	90.45	80.16	69.32
99	122.72	121.92	119.46	115.44	109.95	103.00	95.11	86.18	76.27	65.61
100	117.11	116.37	114.06	110.30	105.18	98.69	90.99	82.17	72.41	61.90
101	112.67	111.93	109.66	105.94	100.89	94.47	86.87	78.18	68.55	58.22
102	108.23	107.49	105.26	101.59	96.59	90.26	82.77	74.20	64.72	54.55
103	103.79	103.05	100.84	97.23	92.30	86.06	78.67	70.22	60.89	50.89
104	99.35	98.61	96.44	92.86	88.00	81.85	74.58	66.26	57.07	47.24
105	94.91	94.18	92.03	88.51	83.72	77.66	70.49	62.30	53.26	44.26
106	90.48	89.75	87.62	84.15	79.43	73.47	66.41	58.33	49.95	41.78
107	86.03	85.31	83.22	79.80	75.15	69.29	62.32	54.86	47.32	39.30
108	81.59	80.88	78.82	75.44	70.87	65.11	58.85	52.09	44.70	36.83
109	77.15	76.45	74.42	71.09	66.74	61.82	55.97	49.34	42.08	34.35

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CANDELA TABULATION - (Cont.)

110	72.71	72.10	70.36	67.51	63.68	58.83	53.09	46.59	39.46	31.88
111	69.50	68.89	67.19	64.38	60.61	55.86	50.22	43.84	36.85	29.40
112	66.27	65.68	64.01	61.27	57.55	52.89	47.34	41.09	34.22	26.93
113	63.06	62.48	60.83	58.14	54.49	49.91	44.47	38.33	31.60	25.21
114	59.84	59.28	57.65	55.02	51.43	46.93	41.60	35.57	29.11	23.69
115	56.62	56.07	54.48	51.90	48.37	43.95	38.73	32.81	27.47	22.17
116	53.41	52.86	51.30	48.77	45.30	40.98	35.85	30.75	25.83	20.64
117	50.19	49.65	48.13	45.65	42.24	38.00	33.43	29.01	24.19	19.10
118	46.97	46.45	44.95	42.53	39.18	35.43	31.58	27.26	22.55	17.56
119	43.75	43.24	41.77	39.41	36.67	33.50	29.73	25.51	20.89	16.02
120	40.54	40.14	39.01	37.20	34.68	31.57	27.89	23.76	19.23	14.46
121	38.41	38.03	36.92	35.14	32.69	29.64	26.04	22.00	17.58	13.14
122	36.29	35.91	34.83	33.09	30.70	27.71	24.20	20.24	15.91	12.35
123	34.17	33.80	32.74	31.03	28.69	25.78	22.34	18.47	14.45	11.56
124	32.04	31.68	30.66	28.98	26.70	23.84	20.49	16.70	13.58	10.75
125	29.92	29.57	28.57	26.93	24.70	21.90	18.63	15.33	12.71	9.94
126	27.79	27.46	26.49	24.88	22.70	19.96	16.76	14.38	11.82	9.12
127	25.67	25.35	24.40	22.83	20.69	18.03	15.75	13.42	10.93	8.29
128	23.55	23.24	22.31	20.78	18.69	16.73	14.73	12.46	10.04	7.47
129	21.42	21.12	20.22	18.73	17.35	15.66	13.71	11.51	9.14	6.62
130	19.30	19.11	18.52	17.55	16.22	14.58	12.68	10.54	8.23	5.78
131	18.08	17.90	17.33	16.38	15.10	13.51	11.66	9.57	7.31	4.72
132	16.88	16.70	16.14	15.22	13.97	12.43	10.62	8.59	6.39	3.63
133	15.67	15.50	14.95	14.06	12.84	11.35	9.58	7.61	5.32	2.52
134	14.46	14.29	13.76	12.89	11.71	10.25	8.54	6.62	4.16	1.42
135	13.25	13.08	12.57	11.73	10.58	9.17	7.50	5.48	3.00	0.31
136	12.04	11.88	11.38	10.56	9.45	8.07	6.44	4.25	1.84	0.00
137	10.83	10.67	10.19	9.40	8.32	6.98	5.16	3.04	0.66	0.00
138	9.62	9.46	9.00	8.23	7.18	5.71	3.89	1.81	0.00	0.00
139	8.41	8.26	7.80	7.06	5.87	4.38	2.62	0.59	0.00	0.00
140	7.20	7.03	6.51	5.67	4.51	3.06	1.34	0.00	0.00	0.00
141	5.76	5.59	5.09	4.28	3.15	1.74	0.06	0.00	0.00	0.00
142	4.32	4.15	3.68	2.88	1.79	0.41	0.00	0.00	0.00	0.00
143	2.88	2.72	2.25	1.48	0.42	0.00	0.00	0.00	0.00	0.00
144	1.44	1.29	0.84	0.09	0.00	0.00	0.00	0.00	0.00	0.00
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	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
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	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
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	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
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	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
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	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
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	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
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	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

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CANDELA TABULATION - (Cont.)

166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	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
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	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
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	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
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	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
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	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>50</u>	<u>55</u>	<u>60</u>	<u>65</u>	<u>70</u>	<u>75</u>	<u>80</u>	<u>85</u>	<u>90</u>	<u>95</u>
0	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06
1	741.11	741.18	741.24	741.38	741.51	741.58	741.71	741.85	741.92	741.85
2	740.09	740.23	740.43	740.63	740.83	741.04	741.24	741.51	741.71	741.58
3	738.80	738.94	739.07	739.28	739.48	739.75	740.09	740.43	740.77	740.50
4	737.11	737.24	737.44	737.72	737.99	738.40	738.73	739.14	739.61	739.34
5	735.41	735.54	735.54	735.68	735.89	736.22	736.57	737.04	737.58	737.31
6	733.18	733.18	733.31	733.51	733.92	734.33	734.87	735.48	736.16	735.75
7	731.00	731.07	731.21	731.35	731.61	732.02	732.56	733.24	734.06	733.65
8	728.84	728.56	728.49	728.70	729.04	729.44	730.05	730.80	731.75	731.21
9	726.05	725.92	725.92	726.05	726.25	726.66	727.34	728.16	729.17	728.63
10	723.54	723.27	723.07	723.00	723.07	723.34	723.88	724.63	725.72	725.04
11	720.76	720.29	719.82	719.55	719.55	719.82	720.43	721.31	722.46	721.78
12	717.78	716.97	716.36	716.09	715.95	716.22	716.83	717.85	719.14	718.39
13	714.59	713.65	712.83	712.29	712.15	712.42	713.03	714.12	715.54	714.66
14	711.34	709.99	708.96	708.36	708.08	708.16	708.63	709.58	711.00	710.19
15	707.75	706.12	705.03	704.15	703.68	703.61	704.02	705.03	706.53	705.65
16	703.07	702.26	700.83	699.75	699.07	698.66	699.00	699.95	701.58	700.69
17	698.05	698.25	696.49	694.93	693.78	693.58	694.05	695.14	696.83	695.81
18	692.83	692.90	691.61	689.84	688.96	688.42	688.49	689.44	691.20	690.12
19	687.33	686.93	686.73	684.97	683.40	682.73	682.86	683.81	685.57	684.62
20	681.71	680.96	681.30	679.40	677.89	676.97	676.84	677.74	679.60	678.59
21	675.76	675.21	674.81	674.09	671.91	670.79	670.82	671.89	673.96	672.87
22	670.00	668.81	668.59	668.04	665.80	664.71	664.57	665.42	667.37	666.38
23	663.97	662.59	661.69	661.66	659.78	658.37	657.83	658.65	660.77	659.64
24	657.79	656.04	654.81	654.94	653.28	651.37	650.90	651.69	653.81	652.73
25	651.68	649.27	648.02	647.62	646.40	644.55	643.94	644.74	646.94	645.83
26	645.15	642.59	640.98	640.05	639.71	637.59	636.51	637.09	639.31	638.18
27	638.63	635.79	633.56	632.62	632.70	629.88	629.04	629.73	632.00	630.74
28	632.15	628.74	626.23	624.97	624.70	622.78	621.44	621.84	624.04	622.93
29	625.37	621.60	618.81	616.94	616.96	615.05	613.72	614.32	616.76	615.38
30	618.01	614.37	611.12	609.20	608.66	607.43	605.61	605.76	608.05	606.94
31	609.89	607.14	603.42	601.04	600.39	599.08	597.04	597.23	599.65	598.49
32	601.53	599.80	595.59	592.87	591.48	590.64	588.65	588.74	591.02	589.92
33	593.20	591.54	587.61	584.32	582.58	582.60	580.19	580.16	582.64	581.33
34	584.85	582.64	579.63	575.63	573.96	574.06	571.35	571.19	573.68	572.49
35	576.44	573.74	571.19	567.07	565.03	564.81	562.35	562.15	564.67	563.44
36	567.77	564.90	562.89	558.50	555.85	555.39	553.26	552.84	555.34	554.29

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

37	559.15	555.76	553.53	549.82	546.57	545.84	544.10	543.59	545.98	544.87
38	550.61	546.53	544.08	540.83	537.22	536.37	534.84	533.96	536.51	535.38
39	542.19	537.32	534.66	531.74	527.85	526.58	525.05	524.20	526.71	525.63
40	533.46	528.15	524.90	522.70	518.37	516.47	515.41	514.43	517.01	515.83
41	524.59	518.95	515.09	513.26	508.59	506.50	505.68	504.52	507.02	505.98
42	515.56	509.69	505.31	502.97	498.86	496.47	495.84	494.40	496.97	495.91
43	505.73	500.36	495.51	492.69	489.25	486.28	485.80	484.43	486.89	485.73
44	495.94	491.00	485.59	482.35	479.25	476.02	475.99	473.84	476.27	475.28
45	486.15	481.68	475.71	472.11	469.43	465.75	465.32	463.44	466.01	464.98
46	476.37	471.60	465.85	461.56	459.37	455.14	454.88	452.83	455.14	454.29
47	466.62	461.30	456.00	451.15	449.04	444.77	444.04	441.99	444.34	443.62
48	456.96	451.09	446.05	440.67	438.25	434.18	432.86	431.40	433.76	433.08
49	447.23	440.95	436.12	430.02	427.33	423.44	422.14	420.67	422.95	422.25
50	437.38	430.78	425.48	419.58	416.24	412.77	411.10	409.58	411.70	411.16
51	427.79	420.56	414.73	409.19	405.14	402.08	399.85	398.65	401.02	400.32
52	418.33	410.39	403.97	398.73	394.05	391.45	388.65	387.62	389.84	389.23
53	408.56	400.30	393.35	388.21	382.92	380.68	377.47	376.44	378.55	378.05
54	398.24	390.20	382.82	377.57	371.86	369.82	366.11	364.95	366.89	366.66
55	387.84	380.16	372.29	366.50	360.80	358.69	354.65	353.58	355.73	355.39
56	377.60	369.99	361.64	355.18	349.67	346.92	343.14	342.19	344.10	343.95
57	367.51	359.48	351.17	344.07	338.73	335.39	331.75	330.74	332.49	332.57
58	357.42	349.06	340.82	333.09	327.74	323.49	320.33	319.16	320.86	321.06
59	347.43	338.52	330.49	322.14	316.82	312.01	308.84	307.66	309.19	309.38
60	337.54	328.05	319.72	311.38	305.47	300.34	297.32	296.09	297.26	297.70
61	327.77	317.67	308.91	300.69	293.99	288.68	285.87	284.25	285.53	285.95
62	317.99	307.51	298.20	290.07	282.66	277.06	274.39	272.36	273.52	274.19
63	308.13	297.52	287.61	279.42	271.24	265.58	262.78	260.54	261.68	262.45
64	298.31	287.59	277.15	268.47	259.96	254.20	251.25	248.69	249.57	250.74
65	288.63	277.63	266.78	257.51	248.89	242.84	239.40	236.70	237.53	238.63
66	279.01	267.64	256.54	246.66	238.07	231.38	227.34	224.59	225.43	226.42
67	269.52	257.80	246.45	235.97	227.38	219.76	215.36	212.48	213.69	214.38
68	260.16	248.11	236.36	225.47	216.62	208.25	203.30	200.38	201.68	202.27
69	250.88	238.60	226.38	215.09	205.52	196.76	191.54	188.27	189.22	190.14
70	241.74	229.19	216.56	204.90	194.65	185.39	179.65	176.27	176.77	178.17
71	232.81	219.88	206.85	194.79	183.95	174.34	167.89	164.38	164.69	166.29
72	224.00	210.76	197.24	184.82	173.36	163.50	156.46	152.57	152.77	154.54
73	215.31	201.85	187.76	175.06	163.03	152.87	145.31	140.90	141.03	142.92
74	206.70	193.06	178.58	165.46	152.99	142.17	134.04	129.47	129.33	131.50
75	198.18	184.39	169.80	156.07	143.15	131.70	122.94	118.13	117.56	120.21
76	189.78	175.84	161.19	146.93	133.61	121.60	112.19	107.05	106.16	109.16
77	181.55	167.42	152.73	138.16	124.34	111.81	101.80	95.99	94.89	98.12
78	173.88	159.13	144.47	129.67	115.36	102.39	91.76	84.95	83.92	87.16
79	166.31	151.43	136.37	121.40	106.66	93.19	81.86	74.31	73.21	76.62
80	158.84	143.95	128.57	113.38	98.38	84.40	72.33	64.09	62.78	66.59
81	151.45	136.60	121.22	105.61	90.39	76.10	63.35	54.45	52.81	57.13
82	144.17	129.38	114.04	98.38	82.68	68.27	54.98	45.36	43.17	48.22
83	136.98	122.27	107.01	91.41	75.30	60.84	47.33	36.98	33.94	40.04
84	130.23	115.29	100.14	84.62	68.77	53.79	40.33	29.37	25.14	32.69
85	123.98	108.99	93.44	78.03	62.51	47.36	33.86	22.15	17.21	25.73
86	117.80	102.95	87.53	71.83	56.49	41.69	27.94	16.00	10.56	19.84
87	111.70	97.01	81.74	66.27	50.95	36.35	22.95	11.23	5.41	15.30
88	105.68	91.14	76.07	60.86	45.89	31.58	18.65	7.45	2.33	11.63
89	99.72	85.37	70.51	55.60	41.02	27.26	15.02	4.94	1.55	9.13
90	93.83	79.66	65.05	50.47	36.31	23.16	11.78	3.28	0.78	7.34
91	88.99	75.02	60.66	46.39	32.66	20.09	9.54	2.42	0.00	6.24
92	84.20	70.43	56.36	42.42	29.13	17.14	7.57	1.89	0.00	5.37

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CANDELA TABULATION - (Cont.)

93	79.47	65.91	52.13	38.52	25.68	14.57	6.09	1.60	0.00	4.73
94	74.77	61.44	47.95	34.69	22.77	12.53	4.88	1.48	0.00	4.28
95	70.12	57.02	43.83	31.60	20.28	10.50	4.09	1.44	0.00	3.93
96	65.49	52.86	40.64	28.78	17.82	9.02	3.38	1.31	0.00	3.40
97	61.44	49.50	37.55	26.00	15.38	7.86	2.96	0.11	0.00	0.27
98	57.89	46.17	34.47	23.22	13.84	6.68	2.52	0.00	0.00	0.00
99	54.37	42.87	31.43	20.73	12.39	5.78	2.30	0.00	0.00	0.00
100	50.86	39.59	28.40	19.02	10.94	5.16	2.16	0.00	0.00	0.00
101	47.39	36.32	26.12	17.31	9.47	4.53	2.00	0.00	0.00	0.00
102	43.92	33.29	24.19	15.60	8.57	3.86	1.62	0.00	0.00	0.00
103	40.46	31.16	22.26	13.88	7.77	3.52	0.77	0.00	0.00	0.00
104	37.95	29.03	20.33	12.38	6.96	3.28	0.00	0.00	0.00	0.00
105	35.62	26.90	18.39	11.43	6.13	3.02	0.00	0.00	0.00	0.00
106	33.31	24.77	16.44	10.48	5.27	2.76	0.00	0.00	0.00	0.00
107	31.00	22.63	15.25	9.50	4.94	2.47	0.00	0.00	0.00	0.00
108	28.69	20.49	14.14	8.52	4.60	1.77	0.00	0.00	0.00	0.00
109	26.37	18.95	13.03	7.51	4.26	0.99	0.00	0.00	0.00	0.00
110	24.05	17.70	11.90	6.78	3.90	0.22	0.00	0.00	0.00	0.00
111	22.33	16.45	10.75	6.36	3.52	0.00	0.00	0.00	0.00	0.00
112	20.94	15.17	9.60	5.93	3.12	0.00	0.00	0.00	0.00	0.00
113	19.55	13.90	8.59	5.48	2.40	0.00	0.00	0.00	0.00	0.00
114	18.14	12.62	8.07	5.01	1.61	0.00	0.00	0.00	0.00	0.00
115	16.73	11.32	7.54	4.53	0.82	0.00	0.00	0.00	0.00	0.00
116	15.31	10.23	7.01	4.04	0.03	0.00	0.00	0.00	0.00	0.00
117	13.88	9.61	6.46	3.45	0.00	0.00	0.00	0.00	0.00	0.00
118	12.45	8.98	5.90	2.61	0.00	0.00	0.00	0.00	0.00	0.00
119	11.51	8.34	5.32	1.78	0.00	0.00	0.00	0.00	0.00	0.00
120	10.79	7.70	4.73	0.94	0.00	0.00	0.00	0.00	0.00	0.00
121	10.07	7.04	4.08	0.09	0.00	0.00	0.00	0.00	0.00	0.00
122	9.34	6.38	3.18	0.00	0.00	0.00	0.00	0.00	0.00	0.00
123	8.60	5.70	2.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00
124	7.87	5.01	1.38	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	7.11	4.15	0.48	0.00	0.00	0.00	0.00	0.00	0.00	0.00
126	6.36	3.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
127	5.59	2.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	4.68	1.28	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
129	3.66	0.31	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
130	2.64	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	1.61	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
132	0.57	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	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
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
137	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
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	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
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	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
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	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
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

149	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
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	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
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	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
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	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
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	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
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	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
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	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
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	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
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	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
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	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
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	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>105</u>	<u>110</u>	<u>115</u>	<u>120</u>	<u>125</u>	<u>130</u>	<u>135</u>	<u>140</u>	<u>145</u>
0	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06
1	741.78	741.71	741.65	741.58	741.51	741.44	741.44	741.38	741.31	741.31
2	741.44	741.31	741.18	741.04	740.91	740.83	740.77	740.63	740.56	740.50
3	740.29	740.15	740.02	739.88	739.82	739.75	739.75	739.75	739.75	739.68
4	739.07	738.87	738.67	738.53	738.40	738.32	738.32	738.32	738.46	738.60
5	737.04	736.90	736.84	736.77	736.84	736.90	736.90	736.90	736.97	737.11
6	735.41	735.21	735.01	734.93	734.93	735.07	735.21	735.41	735.61	735.75
7	733.31	733.10	732.97	733.04	733.10	733.24	733.51	733.85	734.12	734.46
8	730.87	730.67	730.59	730.73	731.00	731.27	731.61	732.09	732.56	733.04
9	728.22	728.02	727.95	728.16	728.49	728.97	729.64	730.19	730.80	731.61
10	724.70	724.63	724.90	725.45	725.85	726.46	727.21	728.22	728.97	729.85
11	721.44	721.31	721.38	721.71	722.66	723.88	724.70	725.78	727.14	728.08
12	717.92	717.85	718.12	718.73	719.34	720.29	722.05	723.41	724.83	726.39
13	714.26	714.12	714.46	715.14	716.29	717.37	718.60	720.83	722.46	722.73
14	709.85	709.99	710.59	711.41	712.56	714.26	715.95	717.51	718.46	718.73
15	705.24	705.44	706.19	707.34	708.90	710.59	712.83	713.38	713.78	714.73
16	700.35	700.69	701.58	702.93	704.83	707.00	708.36	709.10	709.31	710.73
17	695.47	695.81	696.83	698.39	700.43	703.07	703.54	704.29	705.37	706.12
18	689.92	690.59	691.95	693.71	696.01	697.71	698.46	699.40	700.83	701.85
19	684.42	684.97	686.32	688.76	691.54	692.29	693.23	694.46	696.15	697.92

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

20	678.52	679.47	681.10	683.13	685.98	686.73	687.88	689.51	691.34	693.64
21	672.73	673.55	675.43	678.32	679.54	680.96	682.46	684.42	686.53	689.16
22	666.50	667.71	669.72	672.63	673.77	674.65	676.84	679.20	681.71	684.49
23	659.80	661.30	663.81	666.76	667.27	668.77	671.00	673.78	676.85	679.74
24	652.95	654.43	657.33	660.05	660.86	662.58	665.06	668.33	671.94	675.04
25	646.11	647.73	650.63	652.75	654.21	656.23	659.23	662.75	666.65	668.76
26	638.72	640.98	644.13	645.35	647.15	649.99	653.05	657.14	660.44	662.43
27	631.13	633.20	637.31	638.10	639.91	643.10	646.94	651.36	653.61	656.01
28	623.57	625.85	629.15	630.62	632.76	636.18	640.87	644.30	646.60	649.21
29	615.91	618.42	621.18	622.53	625.51	629.25	634.05	636.84	639.54	642.48
30	607.88	610.69	613.27	614.61	617.91	622.21	626.80	629.54	632.47	635.86
31	599.53	602.69	604.82	606.86	610.19	615.09	618.84	621.90	625.29	629.16
32	591.12	594.50	596.28	598.64	602.52	607.92	610.69	614.06	618.00	622.26
33	582.54	586.26	587.63	590.22	594.92	599.78	602.51	606.33	610.82	615.41
34	573.83	577.65	578.91	581.81	586.77	591.14	594.38	598.52	603.64	608.71
35	565.00	568.70	570.05	573.41	578.47	582.62	586.26	590.65	596.22	601.90
36	556.02	559.38	561.01	564.91	570.45	573.51	577.97	582.83	588.81	593.77
37	546.92	550.04	551.78	556.54	561.31	564.46	569.64	575.05	581.29	585.45
38	537.47	540.51	542.59	547.28	552.05	555.51	561.13	567.30	572.53	577.20
39	527.97	530.68	533.34	538.39	542.94	546.60	552.36	559.57	563.79	568.94
40	518.26	520.81	523.92	529.42	532.89	537.60	543.81	550.87	555.11	560.64
41	508.54	510.82	514.24	520.23	523.24	528.61	535.33	541.42	546.45	552.36
42	498.83	500.69	504.87	510.17	513.58	519.46	526.56	532.00	537.76	544.01
43	488.77	490.67	494.82	499.85	503.91	510.14	516.90	522.59	529.06	535.72
44	478.58	480.45	485.02	489.87	494.36	500.96	507.28	513.45	520.39	527.37
45	468.36	470.00	475.31	479.22	484.48	491.75	497.54	504.45	511.72	519.06
46	457.98	459.66	465.37	468.89	474.67	481.74	487.81	495.11	502.88	510.45
47	446.97	449.24	455.18	458.59	464.82	471.61	478.12	485.86	494.13	501.21
48	436.20	438.68	444.33	448.24	454.98	461.47	468.46	476.79	485.03	491.94
49	425.49	428.01	433.35	437.89	445.31	451.36	458.80	467.71	475.43	482.62
50	414.22	417.64	422.44	427.49	434.64	441.23	449.14	458.48	465.95	473.33
51	402.99	406.88	411.28	417.07	423.97	431.08	439.60	448.41	456.52	464.15
52	391.97	396.09	400.58	406.66	413.49	420.98	430.15	438.43	446.86	455.01
53	380.61	385.42	389.47	396.24	402.77	410.93	420.46	428.51	437.29	445.93
54	369.33	374.64	378.34	385.75	392.18	400.93	410.23	418.67	427.81	436.93
55	357.88	363.42	367.31	374.84	381.72	391.03	399.98	408.86	418.38	428.01
56	346.64	351.76	356.29	363.55	371.38	380.89	389.68	399.13	408.99	418.70
57	335.20	340.16	345.37	352.40	360.87	370.22	379.46	389.46	399.64	409.20
58	323.71	328.79	334.46	341.38	350.46	359.61	369.31	379.83	390.06	399.78
59	312.22	317.02	323.66	330.50	340.24	349.21	359.28	370.28	380.48	390.42
60	300.70	305.41	312.34	319.66	329.52	338.91	349.40	360.53	371.00	381.12
61	289.25	293.81	300.76	308.92	318.68	328.69	339.63	350.73	361.55	371.85
62	277.77	282.21	289.29	298.30	307.89	318.44	329.85	341.01	352.15	362.61
63	266.18	270.81	278.20	287.83	297.25	308.26	319.93	331.38	342.84	353.41
64	254.78	259.53	266.97	276.92	286.74	298.29	310.06	321.84	333.56	344.28
65	243.06	248.04	255.84	265.89	276.32	288.27	300.31	312.41	324.33	335.41
66	231.05	236.90	244.88	254.86	266.06	278.18	290.67	303.04	315.17	326.61
67	219.01	225.09	234.19	244.20	255.97	268.26	281.14	293.76	306.15	317.86
68	206.96	213.61	223.50	233.72	245.83	258.54	271.72	284.58	297.21	309.04
69	195.32	202.20	212.39	223.31	235.84	248.94	262.40	275.52	288.36	300.16
70	183.40	190.87	201.42	213.10	226.03	239.50	253.21	266.58	279.54	291.38
71	171.66	179.82	190.73	203.00	216.37	230.25	244.06	257.74	270.77	282.67
72	160.31	169.09	180.20	192.87	206.74	221.11	235.07	248.93	262.07	274.06
73	149.22	158.45	169.95	183.02	197.26	212.02	226.23	240.23	253.44	265.53
74	137.97	147.71	159.86	173.44	187.94	203.08	217.55	231.63	244.90	257.38
75	126.89	137.26	149.97	164.05	178.90	194.28	208.99	223.13	236.71	249.49

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CANDELA TABULATION - (Cont.)

76	116.19	127.22	140.46	154.87	170.12	185.63	200.54	214.92	228.77	241.67
77	105.86	117.50	131.18	146.04	161.57	177.15	192.26	207.03	220.91	233.87
78	95.90	107.98	122.19	137.51	153.20	168.83	184.45	199.23	213.12	226.16
79	86.03	98.79	113.46	129.18	145.04	160.99	176.75	191.51	205.37	218.48
80	76.56	90.01	105.06	121.09	137.20	153.39	169.13	183.87	197.68	210.86
81	67.67	81.68	96.99	113.26	129.76	145.91	161.58	176.31	190.07	203.27
82	59.36	73.81	89.22	105.91	122.45	138.56	154.14	168.84	182.53	195.89
83	51.77	66.34	81.79	98.83	115.29	131.33	146.80	161.52	175.59	189.08
84	44.84	59.27	75.18	91.96	108.29	124.23	139.90	154.94	168.97	182.31
85	38.38	52.82	68.86	85.30	101.47	117.78	133.49	148.44	162.38	175.57
86	32.51	47.09	62.78	78.98	95.41	111.58	127.16	142.01	155.84	168.87
87	27.54	41.69	57.13	73.26	89.48	105.48	120.90	135.63	149.36	162.19
88	23.25	36.83	51.93	67.71	83.67	99.48	114.72	129.31	142.92	155.57
89	19.54	32.36	46.92	62.30	77.97	93.57	108.61	123.05	136.52	148.96
90	16.20	28.13	42.08	57.02	72.38	87.73	102.57	116.82	130.17	142.38
91	13.79	24.92	38.27	52.78	67.81	82.90	97.55	111.64	124.83	136.95
92	11.65	21.84	34.58	48.64	63.34	78.14	92.58	106.50	119.55	131.53
93	9.95	19.12	30.98	44.60	58.93	73.44	87.68	101.40	114.29	126.14
94	8.51	16.86	27.89	40.61	54.59	68.79	82.82	96.34	109.06	120.78
95	7.47	14.64	25.20	37.33	50.31	64.20	78.00	91.31	103.85	115.44
96	6.54	12.95	22.55	34.30	46.93	59.87	73.21	86.31	98.68	110.11
97	5.91	11.58	19.92	31.31	43.63	56.31	68.98	81.34	93.54	104.80
98	5.26	10.20	18.16	28.34	40.36	52.78	65.22	77.28	88.72	99.52
99	4.85	9.10	16.50	25.66	37.11	49.28	61.49	73.34	84.62	95.05
100	4.53	8.29	14.84	23.73	33.88	45.80	57.78	69.43	80.54	90.82
101	4.20	7.47	13.16	21.80	31.38	42.33	54.08	65.53	76.47	86.60
102	3.38	6.61	12.06	19.87	29.23	39.11	50.40	61.66	72.42	82.40
103	1.57	6.11	11.07	17.93	27.09	36.75	46.73	57.79	68.37	78.20
104	0.00	5.72	10.08	16.22	24.94	34.39	44.00	53.94	64.34	74.01
105	0.00	5.32	9.06	15.09	22.79	32.04	41.45	50.74	60.31	69.84
106	0.00	4.91	8.02	13.94	20.63	29.70	38.91	48.03	56.77	65.67
107	0.00	4.47	7.54	12.78	19.24	27.34	36.37	45.33	53.91	61.97
108	0.00	3.15	7.06	11.60	17.93	24.98	33.84	42.62	51.05	58.98
109	0.00	1.74	6.57	10.40	16.62	23.23	31.30	39.92	48.20	55.99
110	0.00	0.38	6.06	9.50	15.29	21.77	28.77	37.22	45.35	53.00
111	0.00	0.00	5.53	8.93	13.94	20.30	26.83	34.52	42.50	50.01
112	0.00	0.00	5.00	8.36	12.59	18.83	25.23	31.82	39.65	47.02
113	0.00	0.00	3.82	7.77	11.39	17.35	23.63	29.87	36.80	44.04
114	0.00	0.00	2.53	7.15	10.73	15.86	22.01	28.14	34.09	41.05
115	0.00	0.00	1.27	6.53	10.06	14.35	20.39	26.39	32.23	38.05
116	0.00	0.00	0.04	5.89	9.38	13.06	18.76	24.64	30.37	35.77
117	0.00	0.00	0.00	5.08	8.67	12.30	17.11	22.88	28.50	33.79
118	0.00	0.00	0.00	3.82	7.96	11.52	15.46	21.13	26.63	31.80
119	0.00	0.00	0.00	2.58	7.24	10.73	14.33	19.36	24.76	29.82
120	0.00	0.00	0.00	1.35	6.51	9.94	13.46	17.59	22.87	27.82
121	0.00	0.00	0.00	0.14	5.65	9.13	12.59	16.07	20.98	25.83
122	0.00	0.00	0.00	0.00	4.38	8.32	11.71	15.11	19.08	23.84
123	0.00	0.00	0.00	0.00	3.12	7.49	10.81	14.15	17.41	21.84
124	0.00	0.00	0.00	0.00	1.88	6.64	9.92	13.19	16.37	19.84
125	0.00	0.00	0.00	0.00	0.65	5.51	9.01	12.21	15.32	18.27
126	0.00	0.00	0.00	0.00	0.00	4.23	8.09	11.23	14.27	17.15
127	0.00	0.00	0.00	0.00	0.00	2.95	7.16	10.24	13.21	16.02
128	0.00	0.00	0.00	0.00	0.00	1.67	6.01	9.25	12.15	14.88
129	0.00	0.00	0.00	0.00	0.00	0.41	4.69	8.24	11.08	13.74
130	0.00	0.00	0.00	0.00	0.00	0.00	3.37	7.23	10.00	12.61
131	0.00	0.00	0.00	0.00	0.00	0.00	2.05	5.89	8.92	11.46

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

132	0.00	0.00	0.00	0.00	0.00	0.00	0.73	4.51	7.82	10.31
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.13	6.53	9.15
134	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.76	5.09	7.99
135	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.39	3.66	6.61
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.24	5.13
137	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.82	3.65
138	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.17
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.70
140	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
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	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
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	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
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	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
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	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
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	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
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	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
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	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
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	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
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	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
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	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
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	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
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	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
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	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>150</u>	<u>155</u>	<u>160</u>	<u>165</u>	<u>170</u>	<u>175</u>	<u>180</u>	<u>185</u>	<u>190</u>	<u>195</u>
0	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06
1	741.24	741.24	741.24	741.18	741.18	741.18	741.18	741.24	741.24	741.24
2	740.50	740.43	740.36	740.36	740.36	740.36	740.36	740.36	740.43	740.50

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CANDELA TABULATION - (Cont.)

3	739.61	739.61	739.55	739.55	739.48	739.48	739.48	739.55	739.61	739.75
4	738.73	738.73	738.67	738.67	738.67	738.67	738.67	738.73	738.80	738.94
5	737.37	737.72	737.78	737.78	737.78	737.78	737.78	737.92	737.99	737.85
6	735.95	736.36	736.84	736.90	736.97	736.90	736.97	737.04	737.17	736.84
7	734.66	734.93	735.54	736.02	736.09	736.09	736.09	736.22	736.16	735.75
8	733.38	733.71	734.19	735.01	735.21	735.21	735.28	735.41	735.21	734.66
9	732.09	732.50	732.90	733.78	734.26	734.39	734.39	734.60	734.19	733.58
10	730.87	731.27	731.68	732.50	733.38	733.58	733.51	733.78	733.24	732.50
11	729.24	730.12	729.78	729.85	730.59	730.59	730.46	730.80	730.39	730.05
12	726.60	726.93	726.66	726.60	727.41	727.48	727.41	727.68	727.28	726.87
13	723.00	723.27	723.41	723.41	724.09	724.42	724.36	724.56	724.09	723.75
14	719.41	719.68	720.15	720.22	720.83	721.31	721.31	721.44	720.97	720.63
15	715.48	716.15	716.77	717.10	717.58	718.19	718.19	718.32	717.85	717.37
16	711.55	712.56	713.24	713.92	714.32	715.07	715.14	715.21	714.73	714.18
17	707.68	708.96	709.78	710.59	711.07	711.95	712.09	712.09	711.68	711.07
18	703.74	705.10	706.33	707.27	707.88	708.83	709.04	708.96	708.56	707.88
19	699.54	701.31	702.79	703.88	704.76	705.71	705.92	705.92	705.37	704.70
20	695.27	697.51	699.27	700.43	701.64	702.59	702.86	702.86	702.19	701.44
21	691.20	693.71	695.74	696.36	697.10	697.64	697.78	697.92	697.57	697.37
22	687.33	689.57	690.52	691.13	692.02	692.56	692.76	692.76	692.43	692.02
23	682.79	683.74	684.97	685.85	686.93	687.41	687.68	687.68	687.27	686.66
24	676.79	677.95	679.47	680.63	681.71	682.32	682.59	682.52	682.11	681.30
25	670.61	672.25	673.92	675.26	676.48	677.23	677.56	677.43	677.00	675.92
26	664.28	666.50	668.34	669.93	671.22	672.14	672.50	672.33	671.85	670.51
27	658.04	660.71	662.76	664.62	665.97	667.05	667.43	667.23	666.67	665.10
28	651.90	654.76	657.17	659.31	660.71	661.96	662.37	662.14	661.47	659.70
29	645.78	648.81	651.62	653.91	655.46	656.89	657.31	657.05	656.25	654.27
30	639.50	642.79	646.12	648.53	650.20	651.82	652.25	651.97	651.00	648.85
31	633.22	636.75	640.54	642.94	643.98	645.23	645.52	645.37	644.70	643.25
32	626.71	630.75	634.11	635.95	637.15	638.47	638.80	638.61	637.79	636.25
33	620.17	624.03	626.78	628.90	630.33	631.71	632.07	631.84	630.87	629.22
34	613.30	616.54	619.48	621.82	623.51	624.95	625.35	625.05	623.99	622.16
35	605.56	609.03	612.17	614.76	616.69	618.19	618.63	618.26	617.10	615.13
36	597.78	601.44	604.89	607.73	609.87	611.42	611.90	611.45	610.24	608.10
37	589.76	593.90	597.63	600.71	603.05	604.65	605.18	604.64	603.38	601.10
38	581.79	586.35	590.32	593.68	596.23	597.87	598.46	597.83	596.49	594.08
39	574.01	578.69	582.92	586.63	589.40	591.10	591.73	591.02	589.61	587.06
40	566.27	571.05	575.54	579.58	582.58	584.32	585.01	584.21	582.74	580.05
41	558.42	563.49	568.14	572.50	575.06	576.49	577.07	576.44	575.19	573.01
42	550.35	556.02	560.54	564.30	567.03	568.52	569.14	568.54	567.17	564.83
43	542.30	548.36	552.16	556.08	559.01	560.55	561.21	560.62	559.14	556.57
44	534.36	539.75	543.79	547.86	550.98	552.58	553.27	552.70	551.12	548.32
45	525.48	531.01	535.44	539.65	542.94	544.60	545.33	544.77	543.08	540.10
46	516.53	522.30	527.10	531.43	534.87	536.62	537.40	536.84	535.04	531.90
47	507.63	513.61	518.76	523.22	526.82	528.63	529.46	528.89	527.01	523.71
48	498.81	505.03	510.40	515.01	518.78	520.64	521.52	520.93	518.98	515.54
49	489.94	496.48	502.04	506.78	510.76	512.65	513.58	512.97	510.97	507.38
50	480.97	487.96	493.66	498.58	502.74	504.65	505.65	505.00	502.97	499.23
51	472.02	479.33	485.33	490.36	494.37	496.12	497.07	496.45	494.59	491.08
52	463.11	470.67	476.89	481.61	485.70	487.53	488.49	487.85	485.92	482.34
53	454.27	461.91	468.04	472.90	477.05	478.95	479.90	479.25	477.23	473.58
54	445.50	452.80	459.20	464.20	468.36	470.39	471.32	470.67	468.54	464.82
55	436.31	443.74	450.32	455.53	459.67	461.82	462.74	462.08	459.85	456.04
56	427.18	434.70	441.46	446.84	450.99	453.26	454.15	453.48	451.16	447.28
57	418.07	425.71	432.63	438.15	442.32	444.70	445.57	444.90	442.48	438.56
58	408.93	416.74	423.82	429.46	433.66	436.14	436.99	436.29	433.80	429.85

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59	399.71	407.84	415.02	420.76	425.02	427.57	428.41	427.69	425.13	421.17
60	390.57	398.93	406.21	412.06	416.38	419.01	419.82	419.09	416.47	412.50
61	381.53	390.02	397.44	403.38	407.81	410.51	411.35	410.56	407.89	403.83
62	372.55	381.14	388.70	394.79	399.28	402.02	402.87	402.05	399.35	395.22
63	363.61	372.33	380.01	386.22	390.75	393.53	394.40	393.55	390.84	386.62
64	354.73	363.58	371.35	377.67	382.23	385.03	385.93	385.04	382.33	378.05
65	345.91	354.88	362.72	369.12	373.71	376.54	377.45	376.55	373.82	369.50
66	337.10	346.19	354.12	360.59	365.20	368.05	368.98	368.06	365.33	360.97
67	328.34	337.54	345.55	352.06	356.70	359.57	360.51	359.58	356.84	352.46
68	319.63	328.92	336.99	343.55	348.20	351.08	352.03	351.10	348.35	343.97
69	310.97	320.31	328.45	335.06	339.70	342.59	343.55	342.62	339.87	335.50
70	302.35	311.74	319.93	326.54	331.22	334.10	335.08	334.14	331.40	326.99
71	293.77	303.20	311.43	318.25	323.15	326.16	327.18	326.18	323.32	318.68
72	285.23	294.84	303.47	310.32	315.24	318.25	319.27	318.26	315.39	310.70
73	276.99	286.93	295.58	302.41	307.34	310.35	311.38	310.35	307.46	302.72
74	269.06	279.04	287.70	294.51	299.45	302.44	303.47	302.42	299.55	294.76
75	261.16	271.19	279.83	286.63	291.55	294.54	295.57	294.51	291.62	286.83
76	253.30	263.37	271.98	278.77	283.67	286.64	287.66	286.59	283.71	278.90
77	245.48	255.57	264.14	270.90	275.78	278.75	279.76	278.67	275.79	271.00
78	237.72	247.80	256.31	263.07	267.90	270.85	271.85	270.76	267.88	263.11
79	229.99	240.05	248.49	255.23	260.03	262.95	263.96	262.84	259.96	255.22
80	222.29	232.33	240.69	247.41	252.16	255.05	256.05	254.92	252.05	247.35
81	214.64	224.68	233.23	240.13	245.00	247.98	249.02	247.86	244.91	240.07
82	207.52	217.76	226.26	233.13	237.98	240.94	241.97	240.84	237.91	233.09
83	200.67	210.85	219.30	226.12	230.95	233.91	234.93	233.83	230.92	226.11
84	193.84	203.96	212.36	219.13	223.94	226.87	227.89	226.80	223.92	219.15
85	187.04	197.09	205.43	212.14	216.92	219.83	220.85	219.78	216.92	212.18
86	180.26	190.23	198.51	205.15	209.90	212.80	213.80	212.76	209.94	205.23
87	173.51	183.38	191.61	198.18	202.90	205.77	206.76	205.74	202.95	198.28
88	166.79	176.57	184.71	191.20	195.88	198.73	199.72	198.72	195.97	191.34
89	160.08	169.75	177.83	184.24	188.88	191.70	192.68	191.70	188.99	184.40
90	153.39	162.95	170.95	177.28	181.87	184.67	185.63	184.69	182.01	177.47
91	147.86	157.33	165.26	171.53	176.08	178.86	179.82	178.88	176.21	171.70
92	142.33	151.71	159.57	165.79	170.30	173.06	174.00	173.06	170.41	165.94
93	136.82	146.11	153.89	160.06	164.52	167.25	168.18	167.25	164.63	160.19
94	131.33	140.53	148.22	154.33	158.74	161.44	162.37	161.44	158.83	154.43
95	125.86	134.94	142.55	148.60	152.97	155.64	156.55	155.62	153.04	148.68
96	120.40	129.38	136.89	142.89	147.19	149.83	150.73	149.81	147.25	142.94
97	114.97	123.83	131.23	137.16	141.42	144.03	144.90	144.00	141.46	137.20
98	109.53	118.27	125.59	131.45	135.64	138.23	139.09	138.19	135.68	131.47
99	104.45	112.73	119.96	125.73	129.87	132.42	133.27	132.38	129.90	125.73
100	100.10	108.19	114.98	120.39	124.27	126.66	127.45	126.61	124.28	120.38
101	95.77	103.74	110.45	115.79	119.63	122.00	122.77	121.94	119.64	115.79
102	91.43	99.31	105.93	111.20	114.99	117.34	118.10	117.29	115.00	111.20
103	87.11	94.87	101.41	106.60	110.35	112.67	113.42	112.62	110.37	106.61
104	82.80	90.44	96.90	102.01	105.71	108.01	108.75	107.97	105.73	102.03
105	78.48	86.02	92.38	97.43	101.08	103.34	104.08	103.30	101.10	97.45
106	74.18	81.59	87.87	92.83	96.45	98.68	99.40	98.63	96.47	92.86
107	69.88	77.18	83.35	88.25	91.81	94.01	94.72	93.98	91.84	88.29
108	66.18	72.78	78.84	83.68	87.19	89.35	90.05	89.31	87.21	83.71
109	63.06	69.25	74.47	79.10	82.55	84.68	85.37	84.65	82.59	79.13
110	59.95	66.03	71.17	75.28	78.26	80.11	80.69	80.08	78.29	75.31
111	56.83	62.82	67.87	71.91	74.84	76.65	77.24	76.62	74.87	71.93
112	53.72	59.60	64.56	68.54	71.42	73.19	73.77	73.18	71.45	68.55
113	50.61	56.39	61.26	65.16	68.00	69.73	70.30	69.72	68.02	65.18
114	47.50	53.17	57.96	61.79	64.58	66.28	66.84	66.27	64.59	61.80

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CANDELA TABULATION - (Cont.)

115	44.39	49.95	54.67	58.42	61.16	62.82	63.38	62.82	61.17	58.43
116	41.27	46.74	51.36	55.04	57.73	59.36	59.92	59.36	57.74	55.06
117	38.61	43.53	48.05	51.68	54.32	55.91	56.45	55.92	54.32	51.68
118	36.53	40.71	44.75	48.30	50.89	52.46	52.99	52.46	50.89	48.31
119	34.44	38.53	41.99	44.93	47.46	49.00	49.53	49.01	47.46	44.94
120	32.36	36.37	39.74	42.47	44.45	45.65	46.06	45.66	44.45	42.47
121	30.27	34.19	37.50	40.17	42.11	43.28	43.69	43.30	42.10	40.17
122	28.18	32.03	35.26	37.88	39.77	40.92	41.32	40.92	39.76	37.86
123	26.08	29.85	33.02	35.57	37.43	38.56	38.93	38.56	37.42	35.56
124	24.00	27.67	30.78	33.27	35.09	36.19	36.56	36.19	35.07	33.25
125	21.89	25.50	28.53	30.98	32.75	33.82	34.19	33.81	32.73	30.95
126	19.80	23.32	26.29	28.67	30.40	31.46	31.81	31.45	30.38	28.64
127	18.60	21.14	24.04	26.37	28.07	29.10	29.43	29.07	28.04	26.34
128	17.40	19.65	21.79	24.08	25.72	26.73	27.05	26.71	25.69	24.03
129	16.20	18.39	20.24	21.77	23.38	24.37	24.68	24.33	23.34	21.72
130	15.00	17.13	18.93	20.40	21.46	22.10	22.30	22.07	21.42	20.35
131	13.79	15.87	17.63	19.05	20.08	20.71	20.90	20.68	20.04	19.01
132	12.58	14.60	16.32	17.70	18.70	19.31	19.50	19.28	18.66	17.65
133	11.37	13.33	15.00	16.35	17.33	17.92	18.10	17.90	17.29	16.31
134	10.15	12.06	13.69	15.00	15.95	16.52	16.70	16.50	15.92	14.97
135	8.93	10.79	12.38	13.64	14.57	15.12	15.29	15.11	14.54	13.61
136	7.67	9.51	11.05	12.29	13.19	13.73	13.90	13.71	13.16	12.26
137	6.15	8.24	9.74	10.93	11.81	12.33	12.50	12.33	11.79	10.91
138	4.63	6.74	8.42	9.57	10.43	10.93	11.10	10.93	10.41	9.56
139	3.11	5.17	6.89	8.22	9.04	9.54	9.70	9.54	9.04	8.21
140	1.59	3.61	5.28	6.60	7.55	8.12	8.29	8.12	7.54	6.59
141	0.06	2.05	3.69	4.98	5.90	6.46	6.64	6.46	5.90	4.97
142	0.00	0.49	2.09	3.35	4.25	4.80	4.98	4.80	4.25	3.35
143	0.00	0.00	0.49	1.72	2.61	3.15	3.32	3.15	2.61	1.72
144	0.00	0.00	0.00	0.10	0.97	1.49	1.66	1.49	0.97	0.10
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	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
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	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
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	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
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	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
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	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
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	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
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	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
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	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
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	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 : VANL-N-24-L-40.IES

CANDELA TABULATION - (Cont.)

171	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	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
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	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
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	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>205</u>	<u>210</u>	<u>215</u>	<u>220</u>	<u>225</u>	<u>230</u>	<u>235</u>	<u>240</u>	<u>245</u>
0	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06
1	741.31	741.38	741.38	741.44	741.51	741.58	741.65	741.71	741.78	741.85
2	740.56	740.63	740.77	740.70	740.63	740.63	740.63	740.63	740.70	740.77
3	739.82	739.68	739.55	739.48	739.41	739.41	739.41	739.41	739.48	739.61
4	738.67	738.53	738.32	738.26	738.19	738.12	738.12	738.19	738.26	738.40
5	737.58	737.37	737.17	737.04	736.90	736.90	736.90	736.97	736.97	737.04
6	736.49	736.16	735.95	735.81	735.68	735.61	735.54	735.48	735.28	735.14
7	735.34	734.93	734.73	734.60	734.39	734.26	733.78	733.31	733.04	732.97
8	734.19	733.85	733.58	733.38	732.97	732.22	731.61	731.21	731.00	730.87
9	733.04	732.70	732.42	732.02	731.00	730.19	729.58	729.17	728.90	728.63
10	731.95	731.61	731.35	730.05	729.04	728.22	727.55	726.87	726.05	725.51
11	730.12	730.59	729.58	728.22	727.14	726.19	725.04	723.95	723.14	722.59
12	727.00	727.41	726.80	726.39	725.10	723.68	722.26	721.17	720.15	719.28
13	723.88	723.75	723.14	722.94	722.80	721.11	719.68	718.05	716.77	715.75
14	720.70	720.08	719.55	719.14	718.60	718.60	716.49	714.73	713.30	711.95
15	717.44	716.49	715.75	715.00	714.53	714.06	713.38	711.41	709.58	708.02
16	713.92	712.90	711.95	710.93	710.39	709.44	709.31	707.88	705.71	703.82
17	710.39	709.24	707.95	707.00	705.78	704.97	704.36	704.22	701.51	699.40
18	706.93	705.51	703.95	702.86	701.23	700.15	699.48	698.86	697.24	694.79
19	703.41	701.71	700.08	698.39	696.69	695.27	694.26	693.37	692.70	689.71
20	699.88	697.85	696.22	693.98	691.88	690.52	688.83	687.81	687.06	684.62
21	696.36	693.98	692.08	689.51	687.20	685.23	683.40	681.84	681.03	679.33
22	691.07	689.92	687.81	684.83	682.59	679.95	677.62	675.86	674.79	674.01
23	685.44	684.42	683.13	680.15	677.55	674.56	671.80	669.77	668.46	668.07
24	679.88	678.86	676.98	675.60	672.46	668.91	665.98	663.52	661.97	661.13
25	674.29	672.97	670.84	669.55	667.21	663.31	660.00	657.17	655.24	654.10
26	668.72	666.98	664.70	663.08	660.95	657.74	653.78	650.80	648.33	646.91
27	663.17	660.98	658.62	656.57	654.05	651.95	647.57	644.18	641.26	639.43
28	657.65	655.06	652.64	649.89	647.24	644.87	641.45	637.29	633.98	631.79
29	652.15	649.19	646.63	643.23	640.38	637.38	635.13	630.27	626.53	624.22
30	646.65	643.31	640.32	636.59	633.23	630.12	627.83	623.15	619.10	616.05
31	640.98	637.44	634.03	630.00	626.00	622.73	619.71	615.99	611.42	608.21
32	634.43	631.63	627.61	623.46	618.75	615.26	611.66	608.75	603.64	600.02
33	627.05	624.95	621.16	616.75	611.65	607.42	603.59	600.67	595.87	591.62
34	619.70	617.46	614.32	609.75	604.56	599.66	595.44	592.06	587.75	583.14
35	612.48	609.96	606.48	602.75	597.32	591.99	587.15	583.39	579.69	574.57
36	605.27	602.29	598.64	594.66	590.00	584.30	578.92	574.56	571.41	565.96
37	598.05	594.61	590.77	586.38	582.57	576.52	570.56	565.68	562.18	557.06
38	590.80	586.93	582.89	578.14	573.86	568.43	562.14	556.74	552.85	548.40
39	583.52	579.26	574.80	569.87	565.22	560.54	553.86	547.89	543.34	539.55
40	576.23	571.63	566.72	561.54	556.49	551.76	545.28	538.80	534.02	530.50
41	568.95	564.04	558.73	553.21	547.71	542.35	536.64	529.74	524.51	521.11

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

42	561.39	556.43	550.82	544.78	538.83	533.09	528.33	520.75	514.90	510.92
43	553.02	548.64	542.99	536.40	530.08	523.92	518.42	511.66	505.25	500.63
44	544.67	540.03	535.04	528.07	521.28	514.51	508.46	502.48	495.53	490.45
45	536.35	531.37	526.15	519.76	512.48	505.07	498.78	493.36	485.67	480.28
46	527.89	522.74	517.20	511.02	503.64	496.11	489.02	483.38	475.94	469.84
47	519.47	514.13	508.29	501.68	494.87	487.05	479.27	473.03	466.25	459.53
48	511.08	505.50	499.41	492.50	485.68	477.51	469.43	462.64	456.47	449.24
49	502.72	496.91	490.52	483.42	476.02	468.12	459.68	452.33	446.66	438.93
50	494.40	488.35	481.62	474.31	466.40	458.82	450.02	442.21	435.92	428.58
51	486.10	479.88	472.78	465.13	456.85	448.95	440.34	431.97	425.18	418.14
52	477.67	471.50	464.01	456.05	447.53	439.14	430.72	421.76	414.54	407.81
53	468.76	462.99	455.31	446.96	438.23	429.25	420.68	411.65	403.77	397.52
54	459.86	453.98	446.68	437.86	428.74	419.40	410.44	401.49	393.03	387.02
55	450.94	444.77	437.35	428.82	419.31	409.67	400.35	391.39	382.37	375.73
56	442.02	435.59	427.99	419.51	410.05	400.01	390.22	381.21	371.86	364.31
57	433.12	426.44	418.70	409.97	400.93	390.35	380.18	370.63	361.35	353.19
58	424.25	417.35	409.44	400.50	391.44	380.72	370.21	360.13	350.86	342.24
59	415.41	408.31	400.26	391.06	381.66	371.19	360.32	349.72	340.36	331.26
60	406.62	399.32	391.13	381.67	371.98	361.39	350.50	339.43	329.57	320.23
61	397.87	390.35	382.07	372.35	362.37	351.53	340.79	329.24	318.83	309.30
62	389.22	381.43	373.02	363.10	352.83	341.75	330.84	319.16	308.29	298.51
63	380.62	372.66	363.98	353.91	343.37	332.05	320.68	309.17	297.78	287.80
64	372.04	364.00	355.05	344.79	333.97	322.45	310.70	299.31	287.35	276.86
65	363.42	355.39	346.23	335.77	324.65	312.96	300.86	289.24	277.04	265.93
66	354.78	346.79	337.46	326.92	315.43	303.50	291.12	278.96	266.85	255.16
67	346.17	338.24	328.74	318.10	306.39	294.11	281.51	268.84	256.76	244.53
68	337.59	329.68	320.07	309.30	297.46	284.86	271.98	258.99	246.57	234.08
69	329.02	321.09	311.45	300.56	288.61	275.78	262.57	249.27	236.45	223.79
70	320.49	312.56	302.88	291.89	279.83	266.83	253.35	239.66	226.40	213.71
71	311.98	304.03	294.32	283.28	271.13	258.01	244.31	230.20	216.51	203.59
72	303.95	295.67	285.81	274.72	262.48	249.31	235.42	220.95	206.89	193.46
73	295.99	287.67	277.58	266.21	253.91	240.69	226.62	211.92	197.48	183.50
74	288.06	279.71	269.60	258.04	245.41	232.16	217.94	203.03	188.15	173.67
75	280.13	271.76	261.68	250.10	237.24	223.72	209.38	194.24	179.13	164.12
76	272.23	263.84	253.79	242.21	229.32	215.49	200.95	185.60	170.30	154.89
77	264.34	255.96	245.92	234.36	221.47	207.59	192.61	177.11	161.67	146.04
78	256.47	248.09	238.09	226.55	213.68	199.76	184.69	168.77	153.23	137.48
79	248.62	240.25	230.29	218.78	205.95	192.04	176.90	160.95	144.96	129.13
80	240.77	232.44	222.54	211.05	198.29	184.39	169.22	153.37	137.02	120.97
81	233.29	224.73	214.81	203.37	190.69	176.81	161.70	145.93	129.56	113.03
82	226.34	217.82	207.66	195.91	183.15	169.30	154.29	138.61	122.28	105.58
83	219.41	210.93	200.81	189.12	176.18	161.95	147.00	131.40	115.13	98.45
84	212.48	204.06	194.00	182.36	169.50	155.34	140.14	124.32	108.12	91.52
85	205.56	197.22	187.21	175.65	162.88	148.79	133.71	117.85	101.28	84.78
86	198.67	190.40	180.46	168.98	156.30	142.32	127.37	111.64	95.23	78.44
87	191.78	183.59	173.73	162.35	149.77	135.92	121.11	105.54	89.34	72.84
88	184.90	176.81	167.02	155.76	143.29	129.57	114.92	99.53	83.57	67.40
89	178.03	170.03	160.34	149.20	136.85	123.27	108.81	93.62	77.94	62.11
90	171.18	163.28	153.68	142.66	130.44	117.04	102.76	87.79	72.41	56.94
91	165.46	157.62	148.11	137.19	125.08	111.81	97.68	82.91	67.78	52.63
92	159.75	151.97	142.55	131.74	119.75	106.62	92.66	78.10	63.23	48.41
93	154.05	146.33	137.00	126.32	114.45	101.48	87.70	73.36	58.76	44.28
94	148.36	140.71	131.49	120.91	109.18	96.37	82.78	68.68	54.36	40.23
95	142.67	135.10	125.98	115.54	103.94	91.30	77.90	64.04	50.01	36.95
96	137.00	129.50	120.49	110.18	98.73	86.27	73.07	59.68	46.66	33.97
97	131.33	123.91	115.02	104.85	93.54	81.26	68.82	56.12	43.38	31.03

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

98	125.66	118.33	109.56	99.52	88.70	77.21	65.08	52.61	40.14	28.12
99	119.99	112.76	104.46	95.06	84.60	73.29	61.36	49.12	36.93	25.46
100	115.01	108.23	100.11	90.84	80.54	69.40	57.66	45.66	33.72	23.52
101	110.49	103.79	95.78	86.64	76.48	65.52	53.99	42.22	31.23	21.58
102	105.97	99.36	91.45	82.44	72.43	61.65	50.33	39.00	29.07	19.64
103	101.47	94.93	87.14	78.25	68.40	57.80	46.68	36.63	26.91	17.70
104	96.95	90.50	82.82	74.08	64.37	53.96	43.94	34.27	24.75	15.99
105	92.44	86.09	78.52	69.90	60.36	50.75	41.39	31.91	22.58	14.85
106	87.94	81.69	74.22	65.74	56.82	48.02	38.84	29.55	20.41	13.71
107	83.44	77.26	69.92	62.03	53.94	45.30	36.30	27.18	19.03	12.56
108	78.94	72.85	66.21	59.02	51.07	42.58	33.75	24.81	17.73	11.38
109	74.57	69.31	63.09	56.00	48.20	39.86	31.20	23.06	16.42	10.20
110	71.25	66.07	59.96	52.99	45.33	37.15	28.64	21.61	15.10	9.31
111	67.93	62.84	56.82	49.98	42.46	34.43	26.70	20.15	13.77	8.75
112	64.61	59.61	53.70	46.97	39.59	31.71	25.11	18.68	12.42	8.17
113	61.29	56.38	50.58	43.97	36.72	29.77	23.50	17.20	11.23	7.59
114	57.98	53.16	47.45	40.96	33.99	28.04	21.89	15.70	10.57	6.98
115	54.67	49.93	44.33	37.95	32.13	26.29	20.26	14.20	9.90	6.36
116	51.36	46.71	41.20	35.65	30.27	24.55	18.63	12.91	9.21	5.73
117	48.05	43.48	38.53	33.68	28.40	22.80	17.00	12.16	8.52	4.93
118	44.74	40.66	36.45	31.71	26.52	21.03	15.34	11.38	7.81	3.71
119	41.98	38.48	34.37	29.72	24.65	19.26	14.22	10.60	7.09	2.51
120	39.74	36.31	32.28	27.74	22.77	17.48	13.35	9.81	6.35	1.32
121	37.50	34.14	30.19	25.74	20.88	15.97	12.48	9.00	5.51	0.14
122	35.24	31.97	28.10	23.75	18.98	15.02	11.61	8.19	4.28	0.00
123	33.00	29.80	26.01	21.74	17.31	14.05	10.71	7.37	3.05	0.00
124	30.75	27.62	23.92	19.74	16.27	13.08	9.81	6.53	1.84	0.00
125	28.50	25.45	21.82	18.18	15.22	12.11	8.90	5.41	0.64	0.00
126	26.25	23.27	19.72	17.05	14.17	11.12	7.99	4.15	0.00	0.00
127	24.00	21.08	18.53	15.92	13.11	10.13	7.06	2.90	0.00	0.00
128	21.74	19.59	17.33	14.79	12.04	9.13	5.92	1.65	0.00	0.00
129	20.20	18.33	16.14	13.66	10.98	8.12	4.61	0.40	0.00	0.00
130	18.89	17.07	14.94	12.52	9.90	7.11	3.31	0.00	0.00	0.00
131	17.59	15.81	13.73	11.38	8.82	5.79	2.01	0.00	0.00	0.00
132	16.27	14.55	12.52	10.23	7.72	4.44	0.72	0.00	0.00	0.00
133	14.97	13.29	11.30	9.07	6.44	3.09	0.00	0.00	0.00	0.00
134	13.65	12.02	10.09	7.92	5.03	1.73	0.00	0.00	0.00	0.00
135	12.34	10.75	8.87	6.54	3.63	0.38	0.00	0.00	0.00	0.00
136	11.03	9.47	7.62	5.08	2.21	0.00	0.00	0.00	0.00	0.00
137	9.70	8.20	6.11	3.63	0.80	0.00	0.00	0.00	0.00	0.00
138	8.39	6.71	4.60	2.16	0.00	0.00	0.00	0.00	0.00	0.00
139	6.86	5.15	3.09	0.69	0.00	0.00	0.00	0.00	0.00	0.00
140	5.27	3.60	1.58	0.00	0.00	0.00	0.00	0.00	0.00	0.00
141	3.68	2.04	0.06	0.00	0.00	0.00	0.00	0.00	0.00	0.00
142	2.09	0.49	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	0.49	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
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	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
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	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
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	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

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	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
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	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
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	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
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	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
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	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
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	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
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	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
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	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
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	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>250</u>	<u>255</u>	<u>260</u>	<u>265</u>	<u>270</u>	<u>275</u>	<u>280</u>	<u>285</u>	<u>290</u>	<u>295</u>
0	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06
1	741.92	741.99	742.06	742.12	742.19	742.06	741.99	741.85	741.71	741.58
2	740.83	740.91	741.04	741.11	741.24	741.04	740.83	740.63	740.43	740.29
3	739.68	739.88	740.02	740.23	740.43	740.09	739.82	739.48	739.21	738.94
4	738.53	738.73	739.00	739.21	739.48	739.07	738.60	738.19	737.85	737.58
5	737.11	737.24	737.44	737.72	738.05	737.51	736.97	736.57	736.16	735.89
6	735.07	735.14	735.28	735.54	735.95	735.28	734.73	734.33	733.98	733.71
7	732.97	733.10	733.31	733.65	734.12	733.38	732.70	732.15	731.68	731.41
8	730.94	731.07	731.35	731.82	732.36	731.48	730.67	730.05	729.51	729.11
9	728.29	728.22	728.36	728.70	729.24	728.29	727.55	727.07	726.80	726.73
10	725.24	725.10	725.24	725.65	726.19	725.17	724.36	723.82	723.48	723.41
11	722.12	721.99	722.19	722.59	723.34	722.19	721.24	720.63	720.22	720.15
12	718.73	718.39	718.39	718.66	719.34	718.19	717.31	716.90	716.77	716.90
13	714.93	714.46	714.39	714.73	715.41	714.12	713.24	712.76	712.70	713.03
14	711.00	710.32	710.12	710.32	711.00	709.71	708.83	708.49	708.56	708.96
15	706.80	706.05	705.92	706.33	707.21	705.71	704.70	704.15	704.22	704.76
16	702.52	701.58	701.23	701.44	702.26	700.69	699.81	699.54	699.95	700.49
17	697.85	696.62	696.09	696.22	697.10	695.54	694.73	694.46	694.86	695.95
18	692.70	691.40	690.93	691.13	692.15	690.39	689.44	689.30	689.92	690.99
19	687.61	686.12	685.30	685.30	686.25	684.56	683.81	683.81	684.56	686.12
20	682.11	680.42	679.54	679.47	680.42	678.66	677.82	677.97	679.00	680.69
21	676.62	674.63	673.46	673.28	674.12	672.42	671.72	671.95	673.12	675.28
22	670.87	668.57	667.36	667.31	668.35	666.35	665.50	665.87	667.26	669.41
23	664.84	662.34	660.81	660.42	661.26	659.43	658.85	659.38	661.03	663.45
24	658.61	655.76	654.06	653.68	654.62	652.70	652.07	652.73	654.56	656.22

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

25	652.23	649.05	646.91	646.20	646.98	645.24	644.95	646.00	648.10	648.95
26	645.53	641.84	639.75	639.12	639.98	637.93	637.52	638.85	641.42	641.70
27	638.66	634.97	632.42	631.67	632.67	630.62	630.17	631.25	634.38	634.23
28	631.17	627.32	624.88	624.07	624.97	622.86	622.57	624.11	626.27	626.43
29	622.83	620.06	617.26	616.32	617.28	615.12	614.80	616.31	618.40	618.27
30	614.96	612.42	609.24	608.08	609.03	606.82	606.74	608.71	609.91	610.42
31	606.58	604.32	600.95	599.64	600.48	598.40	598.42	600.43	601.67	602.11
32	597.88	596.26	592.61	591.20	592.09	589.91	590.07	592.45	592.78	593.89
33	589.21	588.05	584.08	582.56	583.54	581.35	581.55	584.10	584.19	585.38
34	580.44	579.51	575.25	573.52	574.43	572.31	572.83	575.74	575.29	576.82
35	571.39	570.28	566.30	564.61	565.67	563.50	563.96	566.58	566.30	568.21
36	562.25	560.87	557.34	555.29	556.06	554.11	555.07	557.31	557.15	559.45
37	553.11	551.47	548.30	546.11	546.88	544.68	545.68	547.86	547.95	550.54
38	543.88	542.04	539.13	536.64	537.50	535.22	536.17	537.95	538.65	541.69
39	534.54	532.30	529.52	526.80	527.47	525.46	526.72	527.94	529.11	532.58
40	525.09	522.26	519.85	516.96	517.58	515.61	517.17	518.10	519.29	523.49
41	515.30	512.25	510.22	507.03	507.41	505.55	507.41	508.15	509.72	513.96
42	505.58	502.24	500.46	496.86	497.50	495.54	497.50	497.97	500.04	503.70
43	495.89	492.05	490.23	486.81	487.07	485.20	487.50	487.71	490.11	493.64
44	485.92	481.60	480.63	476.57	477.08	474.99	477.25	477.37	480.18	483.42
45	476.02	471.49	470.20	466.06	466.38	464.54	467.07	466.98	470.19	472.98
46	466.07	460.90	459.66	455.59	455.78	454.08	456.58	456.41	460.30	462.65
47	455.82	450.33	448.95	444.93	444.86	443.35	445.89	445.84	450.11	452.31
48	444.98	439.71	438.00	434.13	434.36	432.65	434.84	435.21	439.05	441.96
49	434.01	429.16	426.65	423.24	423.24	421.87	423.67	424.57	428.02	431.58
50	423.01	418.37	415.52	412.40	412.45	411.06	412.77	413.68	416.95	421.26
51	412.21	407.48	404.41	401.43	401.15	399.96	401.59	402.98	406.11	410.70
52	401.24	396.67	393.22	390.42	389.83	388.78	390.18	392.20	394.95	400.20
53	390.10	385.83	382.02	379.27	378.98	377.62	378.86	381.24	383.99	389.80
54	379.12	374.89	370.50	367.82	367.15	366.15	367.42	370.32	373.03	379.26
55	368.26	363.67	358.92	356.36	355.71	354.77	355.72	359.25	362.03	367.89
56	357.31	352.10	347.36	345.03	344.25	343.42	344.20	347.66	351.01	356.66
57	346.41	340.45	335.83	333.60	332.28	331.93	332.70	335.74	340.04	345.49
58	335.39	328.94	324.30	321.99	320.71	320.35	321.11	324.16	329.17	334.37
59	324.52	317.32	312.62	310.44	309.02	308.77	309.52	312.66	318.21	323.32
60	313.23	305.83	301.01	298.82	296.98	297.13	297.90	301.01	306.83	312.32
61	301.70	294.28	289.41	287.10	285.28	285.37	286.30	289.52	295.28	301.44
62	290.18	282.85	277.70	275.37	273.44	273.66	274.61	278.07	283.86	290.63
63	278.76	271.58	266.08	263.65	261.17	262.03	262.86	266.66	272.31	279.93
64	267.35	260.34	254.55	251.73	249.16	250.17	251.39	255.32	260.97	268.97
65	256.12	248.92	242.64	239.47	236.95	237.88	239.51	244.02	249.70	258.09
66	245.06	237.59	230.71	227.32	225.05	225.61	227.31	232.82	238.50	247.42
67	233.97	225.90	218.73	215.17	212.83	213.41	215.52	220.96	227.57	236.89
68	223.09	214.22	206.74	202.99	200.59	201.27	203.52	209.29	216.67	226.51
69	212.08	202.70	194.70	190.75	188.79	189.04	191.60	197.73	205.66	216.29
70	201.16	191.34	183.03	178.45	176.74	176.72	179.86	186.30	194.85	206.24
71	190.56	180.01	171.65	166.34	164.47	164.62	168.38	175.08	184.24	196.20
72	180.12	168.97	160.35	154.50	152.63	152.82	157.02	164.05	173.83	185.96
73	169.93	158.34	149.24	142.80	140.55	141.19	145.84	153.34	163.68	175.97
74	160.00	147.59	137.95	131.21	128.78	129.57	134.57	142.62	153.76	166.27
75	150.05	137.12	126.83	119.86	117.12	118.10	123.46	132.18	143.93	156.85
76	140.37	127.00	115.99	108.74	105.69	106.89	112.55	122.16	134.37	147.69
77	131.01	117.20	105.48	97.81	94.33	95.77	101.99	112.43	125.12	138.90
78	121.97	107.73	95.25	86.54	82.97	84.71	91.74	102.99	116.16	130.48
79	113.26	98.45	85.36	76.19	72.32	74.32	81.85	93.75	107.48	122.24
80	104.95	89.56	76.16	66.37	61.92	64.43	72.61	84.89	99.20	114.19

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CANDELA TABULATION - (Cont.)

81	96.94	81.07	67.47	57.06	52.03	55.08	63.94	76.45	91.25	106.35
82	89.25	73.18	59.23	48.09	42.68	46.04	55.74	68.60	83.64	99.04
83	81.87	65.90	51.36	39.63	33.78	37.48	47.88	61.37	76.37	92.03
84	75.07	59.03	44.14	32.00	25.15	29.72	40.64	54.56	69.67	85.22
85	68.54	52.64	37.82	25.38	17.54	23.00	34.32	48.24	63.25	78.59
86	62.26	46.71	32.23	19.78	11.13	17.24	28.73	42.41	57.07	72.36
87	56.55	41.09	27.20	14.93	6.23	12.23	23.73	36.88	51.48	66.90
88	51.48	36.25	22.65	11.54	3.12	8.67	19.23	32.13	46.53	61.59
89	46.59	31.97	19.03	8.92	1.98	5.94	15.67	27.94	41.77	56.43
90	41.88	27.92	15.90	7.21	1.97	4.22	12.61	23.96	37.15	51.39
91	38.00	24.60	13.44	6.02	0.00	3.10	10.20	20.77	33.40	47.21
92	34.24	21.42	11.25	5.21	0.00	2.46	8.11	17.69	29.75	43.14
93	30.58	18.67	9.63	4.55	0.00	2.05	6.64	15.06	26.19	39.14
94	27.49	16.50	8.24	4.07	0.00	1.83	5.41	13.04	23.25	35.21
95	24.86	14.35	7.19	3.75	0.00	1.76	4.53	11.06	20.81	32.10
96	22.27	12.67	6.25	3.26	0.00	1.59	3.77	9.55	18.39	29.31
97	19.71	11.28	5.64	0.26	0.00	0.13	3.35	8.32	16.00	26.55
98	17.93	9.87	5.02	0.00	0.00	0.00	2.90	7.08	14.39	23.81
99	16.25	8.78	4.63	0.00	0.00	0.00	2.67	6.16	12.88	21.33
100	14.56	8.00	4.33	0.00	0.00	0.00	2.50	5.55	11.35	19.56
101	12.86	7.20	4.03	0.00	0.00	0.00	2.32	4.92	9.82	17.81
102	11.78	6.38	3.24	0.00	0.00	0.00	1.86	4.26	8.92	16.05
103	10.82	5.89	1.50	0.00	0.00	0.00	0.87	3.90	8.14	14.28
104	9.84	5.52	0.00	0.00	0.00	0.00	0.00	3.64	7.34	12.74
105	8.83	5.13	0.00	0.00	0.00	0.00	0.00	3.36	6.51	11.79
106	7.81	4.73	0.00	0.00	0.00	0.00	0.00	3.07	5.66	10.83
107	7.34	4.30	0.00	0.00	0.00	0.00	0.00	2.76	5.31	9.85
108	6.87	3.04	0.00	0.00	0.00	0.00	0.00	1.96	4.95	8.87
109	6.39	1.68	0.00	0.00	0.00	0.00	0.00	1.09	4.58	7.86
110	5.88	0.36	0.00	0.00	0.00	0.00	0.00	0.24	4.19	7.11
111	5.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.79	6.68
112	4.83	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.37	6.21
113	3.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.58	5.75
114	2.45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.73	5.28
115	1.24	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.88	4.79
116	0.04	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.03	4.28
117	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.67
118	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.78
119	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.89
120	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99
121	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.10
122	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
124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
125	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
127	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
128	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
130	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
131	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
133	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
134	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
136	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

137	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
139	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
140	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
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
143	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
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	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
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	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
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	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
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	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
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	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
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	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
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	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
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	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
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	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
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	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
175	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
176	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
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	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>300</u>	<u>305</u>	<u>310</u>	<u>315</u>	<u>320</u>	<u>325</u>	<u>330</u>	<u>335</u>	<u>340</u>	<u>345</u>
0	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06	742.06
1	741.51	741.38	741.24	741.18	741.11	740.97	740.91	740.83	740.77	740.77
2	740.15	740.02	739.95	739.88	739.82	739.75	739.75	739.61	739.48	739.41
3	738.73	738.60	738.46	738.32	738.26	738.19	738.12	738.12	738.19	738.05
4	737.31	737.11	736.90	736.77	736.70	736.63	736.63	736.63	736.63	736.70
5	735.61	735.41	735.28	735.14	735.07	735.01	735.01	735.07	735.14	735.14
6	733.65	733.51	733.38	733.38	733.38	733.38	733.45	733.51	733.65	733.71
7	731.21	731.21	731.27	731.48	731.48	731.61	731.75	731.88	732.09	732.22

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CANDELA TABULATION - (Cont.)

8	728.90	728.84	728.97	729.17	729.58	729.78	729.99	730.26	730.53	730.80
9	726.66	726.53	726.53	726.87	727.34	727.88	728.22	728.56	728.90	729.31
10	723.62	724.09	724.36	724.50	725.04	725.72	726.46	726.80	727.28	727.75
11	720.29	720.76	721.58	722.32	722.66	723.48	724.42	725.10	724.83	724.90
12	717.10	717.58	718.39	719.55	720.56	721.17	721.44	721.38	721.17	721.31
13	713.65	714.39	715.27	716.42	717.92	717.51	717.31	717.44	717.44	717.64
14	709.78	710.87	712.15	713.44	713.24	713.65	713.24	713.51	713.71	713.98
15	705.71	707.07	708.69	708.83	708.69	709.04	709.31	709.51	709.85	710.25
16	701.64	703.14	704.09	704.09	704.15	704.42	705.37	705.51	705.98	706.53
17	697.44	699.27	698.93	699.07	699.54	700.02	700.90	701.51	702.19	702.73
18	692.76	693.91	693.71	693.98	694.73	695.47	696.42	697.57	698.32	698.93
19	688.01	688.08	688.36	688.83	689.78	690.93	692.02	693.58	694.39	695.14
20	682.52	682.11	682.73	683.67	684.76	686.18	687.61	689.24	690.46	691.34
21	676.10	676.32	676.67	678.18	679.68	681.37	683.13	684.90	686.59	686.93
22	669.75	669.99	670.94	672.47	674.53	676.51	678.66	680.36	681.03	681.30
23	662.99	663.67	664.97	666.49	669.21	671.67	673.73	674.28	675.21	675.66
24	656.32	657.17	658.83	660.89	663.74	666.58	667.33	668.19	669.36	670.01
25	649.31	650.55	652.57	655.12	657.86	659.86	660.94	662.05	663.32	664.26
26	642.11	643.82	646.20	649.23	651.38	653.11	654.46	655.89	657.30	658.52
27	634.94	636.87	639.71	643.10	644.48	646.32	647.94	649.72	651.30	652.80
28	627.67	629.80	633.00	635.91	637.37	639.15	641.37	643.52	645.30	647.08
29	620.05	622.70	626.43	628.36	630.17	632.12	634.83	637.36	639.30	641.28
30	612.23	615.53	618.95	620.55	622.80	625.32	628.32	631.08	633.30	635.47
31	604.42	608.03	610.74	612.83	615.39	618.46	621.86	624.63	627.28	629.46
32	596.49	600.58	602.69	605.09	607.93	611.47	615.08	618.16	620.58	622.16
33	588.41	592.33	594.27	597.03	600.57	604.43	608.27	611.07	613.07	614.85
34	580.34	583.48	585.90	589.10	593.28	597.31	601.12	603.33	605.57	607.53
35	572.06	574.58	577.61	581.37	585.68	590.14	593.05	595.62	598.08	600.22
36	563.72	565.74	569.05	573.28	578.01	581.76	584.97	587.91	590.57	592.94
37	554.38	556.75	560.43	565.22	570.26	573.30	576.79	580.17	583.04	585.68
38	544.92	547.64	551.83	557.29	561.44	565.02	568.64	572.38	575.42	578.32
39	535.31	538.52	543.47	549.18	552.76	556.60	560.50	564.43	567.80	570.93
40	525.92	529.42	534.79	540.03	543.82	547.99	552.43	556.54	560.22	563.54
41	516.20	520.24	525.98	530.47	534.81	539.41	544.30	548.69	552.68	556.13
42	506.49	511.12	517.13	521.09	525.85	530.77	535.97	540.83	544.95	547.77
43	496.76	502.18	507.27	511.92	516.92	522.19	527.68	532.80	536.53	539.48
44	486.73	492.79	497.43	502.43	507.90	513.78	519.51	524.08	528.12	531.22
45	477.19	483.48	487.58	492.87	498.95	505.40	510.62	515.34	519.73	522.98
46	467.48	473.35	477.80	483.50	489.92	496.59	501.65	506.62	511.25	514.76
47	457.63	462.75	468.03	474.19	480.98	487.29	492.74	497.92	502.77	506.55
48	447.68	452.54	458.15	464.80	471.88	477.98	483.89	489.34	494.31	498.29
49	437.88	442.40	448.40	455.42	462.37	468.65	474.99	480.77	485.89	489.98
50	427.19	432.09	438.75	446.00	452.65	459.37	466.03	472.24	477.46	481.68
51	416.34	421.81	428.82	436.02	443.03	450.19	457.11	463.63	469.06	473.38
52	405.43	411.58	418.97	426.10	433.61	441.09	448.28	455.01	460.56	464.61
53	394.86	401.29	409.07	416.33	424.28	431.99	439.52	446.31	451.69	455.87
54	384.14	391.10	398.85	406.64	414.86	422.94	430.79	437.25	442.82	447.16
55	373.41	380.96	388.72	396.95	405.46	413.98	421.58	428.09	433.92	438.47
56	362.74	370.60	378.70	387.28	396.12	404.71	412.36	418.99	425.06	429.78
57	352.21	360.15	368.76	377.65	386.81	395.26	403.18	409.96	416.23	421.11
58	341.74	349.82	358.65	368.14	377.25	385.85	394.00	401.01	407.44	412.43
59	331.27	339.44	348.64	358.63	367.64	376.48	384.80	392.13	398.65	403.77
60	320.48	329.14	338.78	348.79	358.11	367.20	375.71	383.27	389.83	395.11
61	309.72	318.87	329.03	339.00	348.62	358.01	366.69	374.43	381.04	386.48
62	299.08	308.77	319.46	329.35	339.20	348.87	357.67	365.59	372.37	378.00
63	288.61	298.86	309.63	319.78	329.85	339.78	348.67	356.90	363.82	369.54

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CANDELA TABULATION - (Cont.)

64	278.28	289.02	299.58	310.19	320.50	330.73	339.83	348.33	355.31	361.10
65	268.06	279.01	289.71	300.69	311.22	321.69	331.16	339.77	346.82	352.68
66	257.94	268.95	280.04	291.25	302.02	312.86	322.55	331.24	338.37	344.27
67	247.93	259.03	270.50	281.93	293.18	304.15	313.99	322.73	329.94	335.89
68	237.77	249.16	261.01	272.78	284.46	295.52	305.48	314.25	321.52	327.51
69	227.67	239.43	251.61	263.95	275.79	286.96	296.98	305.78	313.13	319.14
70	217.75	229.90	242.44	255.19	267.15	278.46	288.54	297.37	304.76	310.78
71	208.02	220.53	233.57	246.53	258.55	270.00	280.09	289.00	296.41	302.65
72	198.40	211.30	224.78	237.88	250.02	261.59	271.69	280.81	288.59	294.91
73	188.92	202.32	216.03	229.29	241.56	253.17	263.58	273.04	280.83	287.18
74	179.67	193.50	207.33	220.80	233.18	245.09	255.78	265.30	273.09	279.46
75	170.82	184.90	198.72	212.43	225.18	237.28	248.03	257.56	265.38	271.74
76	162.14	176.43	190.23	204.42	217.45	229.53	240.33	249.85	257.68	264.03
77	153.62	168.09	182.03	196.73	209.78	221.85	232.66	242.17	250.00	256.34
78	145.28	159.83	174.42	189.12	202.19	214.22	225.03	234.51	242.34	248.64
79	137.12	152.18	166.92	181.59	194.63	206.64	217.43	226.89	234.69	240.96
80	129.27	144.75	159.53	174.09	187.11	199.11	209.85	219.28	227.06	233.28
81	121.91	137.46	152.26	166.64	179.64	191.63	202.32	211.78	219.81	226.21
82	114.67	130.30	145.08	159.27	172.23	184.37	195.39	205.09	213.08	219.44
83	107.61	123.25	137.99	152.05	165.43	177.77	188.75	198.40	206.37	212.68
84	100.69	116.32	131.29	145.60	158.93	171.20	182.14	191.75	199.66	205.93
85	93.95	110.00	125.03	139.22	152.48	164.68	175.56	185.09	192.96	199.19
86	88.12	103.94	118.84	132.93	146.09	158.20	169.01	178.46	186.28	192.46
87	82.42	97.95	112.73	126.68	139.74	151.74	162.48	171.85	179.61	185.73
88	76.85	92.07	106.68	120.50	133.45	145.32	155.98	165.25	172.93	179.01
89	71.36	86.28	100.70	114.38	127.19	138.93	149.50	158.66	166.28	172.28
90	65.98	80.55	94.78	108.30	120.98	132.56	143.03	152.08	159.63	165.57
91	61.49	75.82	89.86	103.23	115.78	127.26	137.65	146.62	154.11	160.01
92	57.09	71.17	84.99	98.20	110.63	121.98	132.28	141.17	148.59	154.45
93	52.75	66.56	80.17	93.22	105.50	116.73	126.93	135.72	143.09	148.91
94	48.47	62.02	75.41	88.26	100.40	111.50	121.59	130.30	137.59	143.35
95	44.25	57.53	70.68	83.35	95.32	106.30	116.27	124.88	132.10	137.81
96	41.11	53.31	65.98	78.46	90.28	101.11	110.96	119.47	126.61	132.28
97	38.04	49.97	61.90	73.60	85.25	95.95	105.67	114.07	121.14	126.74
98	35.00	46.67	58.36	69.76	80.59	90.79	100.39	108.69	115.66	121.20
99	31.98	43.39	54.85	66.06	76.72	86.54	95.47	103.31	110.20	115.67
100	28.97	40.12	51.36	62.37	72.86	82.53	91.34	98.99	105.42	110.53
101	26.67	36.88	47.89	58.71	69.01	78.55	87.21	94.79	101.12	106.16
102	24.69	33.85	44.43	55.04	65.18	74.57	83.10	90.58	96.83	101.79
103	22.72	31.68	40.99	51.40	61.36	70.60	79.00	86.37	92.55	97.43
104	20.74	29.51	38.46	47.77	57.55	66.64	74.90	82.17	88.26	93.09
105	18.77	27.34	36.11	44.77	53.74	62.67	70.82	77.97	83.98	88.72
106	16.78	25.18	33.76	42.26	50.42	58.73	66.74	73.77	79.70	84.37
107	15.59	23.01	31.43	39.75	47.76	55.24	62.65	69.57	75.42	80.01
108	14.48	20.84	29.09	37.24	45.11	52.46	59.17	65.38	71.14	75.67
109	13.36	19.29	26.74	34.74	42.45	49.67	56.27	62.09	67.00	71.32
110	12.23	18.03	24.38	32.23	39.80	46.89	53.38	59.09	63.92	67.73
111	11.10	16.78	22.65	29.72	37.15	44.11	50.49	56.10	60.84	64.60
112	9.94	15.50	21.25	27.21	34.49	41.34	47.59	53.11	57.77	61.46
113	8.92	14.22	19.85	25.49	31.84	38.56	44.70	50.12	54.69	58.32
114	8.39	12.93	18.45	23.97	29.33	35.77	41.81	47.13	51.62	55.18
115	7.86	11.63	17.04	22.45	27.69	32.99	38.92	44.14	48.54	52.05
116	7.31	10.52	15.62	20.91	26.04	30.93	36.02	41.14	45.48	48.91
117	6.74	9.90	14.19	19.37	24.40	29.18	33.59	38.16	42.40	45.78
118	6.16	9.26	12.75	17.83	22.75	27.43	31.73	35.57	39.33	42.64
119	5.57	8.62	11.78	16.27	21.09	25.68	29.89	33.64	36.82	39.51

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CANDELA TABULATION - (Cont.)

120	4.96	7.97	11.07	14.72	19.44	23.92	28.04	31.71	34.82	37.29
121	4.28	7.30	10.34	13.39	17.77	22.16	26.20	29.77	32.82	35.24
122	3.34	6.63	9.60	12.59	16.10	20.39	24.35	27.84	30.81	33.18
123	2.40	5.94	8.86	11.78	14.64	18.62	22.49	25.91	28.81	31.13
124	1.45	5.25	8.11	10.96	13.76	16.85	20.63	23.97	26.80	29.07
125	0.50	4.35	7.35	10.13	12.87	15.47	18.76	22.03	24.80	27.01
126	0.00	3.35	6.58	9.30	11.98	14.52	16.90	20.09	22.79	24.96
127	0.00	2.35	5.79	8.47	11.08	13.56	15.87	18.14	20.79	22.90
128	0.00	1.34	4.86	7.62	10.18	12.60	14.85	16.85	18.78	20.84
129	0.00	0.33	3.80	6.77	9.27	11.63	13.83	15.77	17.43	18.78
130	0.00	0.00	2.72	5.91	8.35	10.66	12.80	14.69	16.30	17.60
131	0.00	0.00	1.66	4.83	7.43	9.69	11.77	13.61	15.18	16.43
132	0.00	0.00	0.59	3.70	6.50	8.71	10.73	12.53	14.05	15.27
133	0.00	0.00	0.00	2.57	5.42	7.72	9.70	11.43	12.92	14.11
134	0.00	0.00	0.00	1.45	4.24	6.73	8.65	10.35	11.79	12.94
135	0.00	0.00	0.00	0.32	3.05	5.56	7.61	9.26	10.66	11.78
136	0.00	0.00	0.00	0.00	1.87	4.33	6.54	8.17	9.53	10.61
137	0.00	0.00	0.00	0.00	0.68	3.08	5.25	7.06	8.39	9.45
138	0.00	0.00	0.00	0.00	0.00	1.84	3.95	5.78	7.26	8.28
139	0.00	0.00	0.00	0.00	0.00	0.59	2.65	4.44	5.93	7.11
140	0.00	0.00	0.00	0.00	0.00	0.00	1.36	3.10	4.56	5.71
141	0.00	0.00	0.00	0.00	0.00	0.00	0.06	1.76	3.18	4.30
142	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.41	1.80	2.90
143	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.43	1.49
144	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.09
145	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	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
148	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
149	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
151	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
152	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
154	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
155	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
157	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
158	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
160	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
161	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
163	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
164	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
166	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
167	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
169	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
170	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
172	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
173	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
175	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 : VANL-N-24-L-40.IES

CANDELA TABULATION - (Cont.)

176	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
178	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
179	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

	350	355	360
0	742.06	742.06	742.06
1	740.70	740.70	740.63
2	739.34	739.28	739.28
3	737.99	737.92	737.92
4	736.63	736.57	736.49
5	735.21	735.14	735.14
6	733.78	733.71	733.71
7	732.29	732.29	732.36
8	730.87	730.94	731.00
9	729.44	729.51	729.58
10	728.08	728.02	728.22
11	724.90	724.63	724.70
12	721.38	721.11	721.17
13	717.78	717.64	717.64
14	714.26	714.12	714.12
15	710.66	710.59	710.59
16	707.13	707.07	707.07
17	703.68	703.61	703.54
18	700.08	700.08	700.02
19	696.42	696.56	696.49
20	692.76	693.03	692.96
21	687.68	687.68	687.47
22	681.98	682.11	681.98
23	676.29	676.61	676.52
24	670.61	671.07	671.05
25	664.95	665.55	665.57
26	659.32	660.02	660.09
27	653.71	654.50	654.61
28	648.11	648.98	649.14
29	642.53	643.46	643.67
30	636.97	637.95	638.19
31	630.40	631.06	631.14
32	623.22	624.02	624.09
33	616.04	616.97	617.04
34	608.84	609.92	610.00
35	601.64	602.85	602.94
36	594.42	595.78	595.90
37	587.21	588.69	588.85
38	580.04	581.57	581.80
39	572.90	574.44	574.76
40	565.78	567.32	567.70
41	558.12	559.32	559.66
42	550.02	551.22	551.61
43	541.94	543.12	543.57
44	533.86	535.03	535.52
45	525.73	526.94	527.48
46	517.55	518.85	519.43

IES INDOOR REPORT
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CANDELA TABULATION - (Cont.)

47	509.37	510.77	511.38
48	501.19	502.70	503.34
49	493.01	494.63	495.29
50	484.85	486.56	487.25
51	476.41	478.07	478.72
52	467.76	469.54	470.19
53	459.11	461.00	461.66
54	450.47	452.46	453.14
55	441.85	443.92	444.61
56	433.23	435.38	436.08
57	424.62	426.84	427.55
58	416.04	418.32	419.02
59	407.45	409.78	410.50
60	398.88	401.25	401.96
61	390.42	392.88	393.61
62	382.04	384.51	385.27
63	373.65	376.15	376.91
64	365.27	367.79	368.56
65	356.88	359.43	360.21
66	348.49	351.07	351.86
67	340.11	342.71	343.50
68	331.73	334.34	335.16
69	323.36	325.98	326.81
70	314.99	317.62	318.45
71	307.09	309.85	310.75
72	299.37	302.14	303.04
73	291.65	294.43	295.34
74	283.94	286.72	287.63
75	276.23	279.02	279.93
76	268.52	271.31	272.22
77	260.81	263.61	264.51
78	253.11	255.91	256.81
79	245.40	248.22	249.10
80	237.71	240.51	241.40
81	230.80	233.68	234.59
82	224.01	226.88	227.77
83	217.24	220.06	220.96
84	210.47	213.26	214.14
85	203.70	206.46	207.33
86	196.93	199.65	200.51
87	190.17	192.85	193.70
88	183.41	186.04	186.89
89	176.65	179.24	180.07
90	169.90	172.44	173.26
91	164.30	166.83	167.64
92	158.71	161.22	162.02
93	153.11	155.61	156.41
94	147.53	150.01	150.80
95	141.94	144.40	145.18
96	136.35	138.80	139.57
97	130.77	133.19	133.96
98	125.18	127.58	128.34
99	119.60	121.97	122.72
100	114.19	116.42	117.11
101	109.79	111.98	112.67
102	105.38	107.55	108.23

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VANL-N-24-L-40.IES

CANDELA TABULATION - (Cont.)

103	100.97	103.12	103.79
104	96.57	98.68	99.35
105	92.17	94.26	94.91
106	87.77	89.82	90.48
107	83.37	85.38	86.03
108	78.96	80.96	81.59
109	74.56	76.52	77.15
110	70.50	72.18	72.71
111	67.32	68.97	69.50
112	64.14	65.76	66.27
113	60.96	62.55	63.06
114	57.78	59.34	59.84
115	54.59	56.13	56.62
116	51.41	52.92	53.41
117	48.23	49.71	50.19
118	45.05	46.50	46.97
119	41.87	43.29	43.75
120	39.09	40.19	40.54
121	37.00	38.07	38.41
122	34.90	35.95	36.29
123	32.81	33.83	34.17
124	30.71	31.71	32.04
125	28.62	29.60	29.92
126	26.52	27.48	27.79
127	24.43	25.36	25.67
128	22.33	23.24	23.55
129	20.24	21.12	21.42
130	18.53	19.11	19.30
131	17.35	17.90	18.08
132	16.16	16.70	16.88
133	14.97	15.50	15.67
134	13.79	14.29	14.46
135	12.60	13.09	13.25
136	11.41	11.88	12.04
137	10.23	10.68	10.83
138	9.04	9.47	9.62
139	7.84	8.27	8.41
140	6.56	7.04	7.20
141	5.13	5.61	5.76
142	3.70	4.17	4.32
143	2.27	2.73	2.88
144	0.84	1.29	1.44
145	0.00	0.00	0.00
146	0.00	0.00	0.00
147	0.00	0.00	0.00
148	0.00	0.00	0.00
149	0.00	0.00	0.00
150	0.00	0.00	0.00
151	0.00	0.00	0.00
152	0.00	0.00	0.00
153	0.00	0.00	0.00
154	0.00	0.00	0.00
155	0.00	0.00	0.00
156	0.00	0.00	0.00
157	0.00	0.00	0.00
158	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VANL-N-24-L-40.IES

CANDELA TABULATION - (Cont.)

159	0.00	0.00	0.00
160	0.00	0.00	0.00
161	0.00	0.00	0.00
162	0.00	0.00	0.00
163	0.00	0.00	0.00
164	0.00	0.00	0.00
165	0.00	0.00	0.00
166	0.00	0.00	0.00
167	0.00	0.00	0.00
168	0.00	0.00	0.00
169	0.00	0.00	0.00
170	0.00	0.00	0.00
171	0.00	0.00	0.00
172	0.00	0.00	0.00
173	0.00	0.00	0.00
174	0.00	0.00	0.00
175	0.00	0.00	0.00
176	0.00	0.00	0.00
177	0.00	0.00	0.00
178	0.00	0.00	0.00
179	0.00	0.00	0.00
180	0.00	0.00	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VANL-N-24-L-40.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	270.40	N.A.	10.60
0-30	574.07	N.A.	22.60
0-40	941.37	N.A.	37.00
0-60	1688.26	N.A.	66.40
0-80	2212.97	N.A.	87.10
0-90	2358.65	N.A.	92.80
10-90	2288.64	N.A.	90.00
20-40	670.97	N.A.	26.40
20-50	1056.81	N.A.	41.60
40-70	1048.62	N.A.	41.20
60-80	524.71	N.A.	20.60
70-80	222.97	N.A.	8.80
80-90	145.68	N.A.	5.70
90-110	140.71	N.A.	5.50
90-120	167.51	N.A.	6.60
90-130	179.40	N.A.	7.10
90-150	183.54	N.A.	7.20
90-180	183.54	N.A.	7.20
110-180	42.82	N.A.	1.70
0-180	2542.18	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	70.00
10-20	200.39
20-30	303.67
30-40	367.31
40-50	385.83
50-60	361.05
60-70	301.74
70-80	222.97
80-90	145.68
90-100	89.21
100-110	51.50
110-120	26.80
120-130	11.89
130-140	3.87
140-150	0.27
150-160	0.00
160-170	0.00
170-180	0.00

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VANL-N-24-L-40.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
0	117	117	117	117	114	114	114	114	107	107	107	101	101	101	95	95	95	93
1	105	100	95	90	102	97	92	88	91	87	84	86	83	80	81	78	76	74
2	95	86	78	72	91	83	76	71	78	73	68	74	69	65	70	66	63	60
3	86	75	66	59	83	73	65	58	69	62	56	65	59	54	61	57	52	50
4	79	66	57	50	76	64	56	49	61	53	47	57	51	46	54	49	45	42
5	72	59	49	43	70	57	48	42	54	47	41	51	45	40	49	43	39	36
6	67	53	44	37	64	51	43	36	49	41	36	47	40	35	44	38	34	32
7	62	48	39	32	60	47	38	32	44	37	31	42	36	31	40	34	30	28
8	57	44	35	29	55	43	34	29	41	33	28	39	32	27	37	31	27	25
9	54	40	32	26	52	39	31	26	37	30	25	36	29	25	34	28	24	22
10	50	37	29	23	49	36	28	23	35	28	23	33	27	22	32	26	22	20

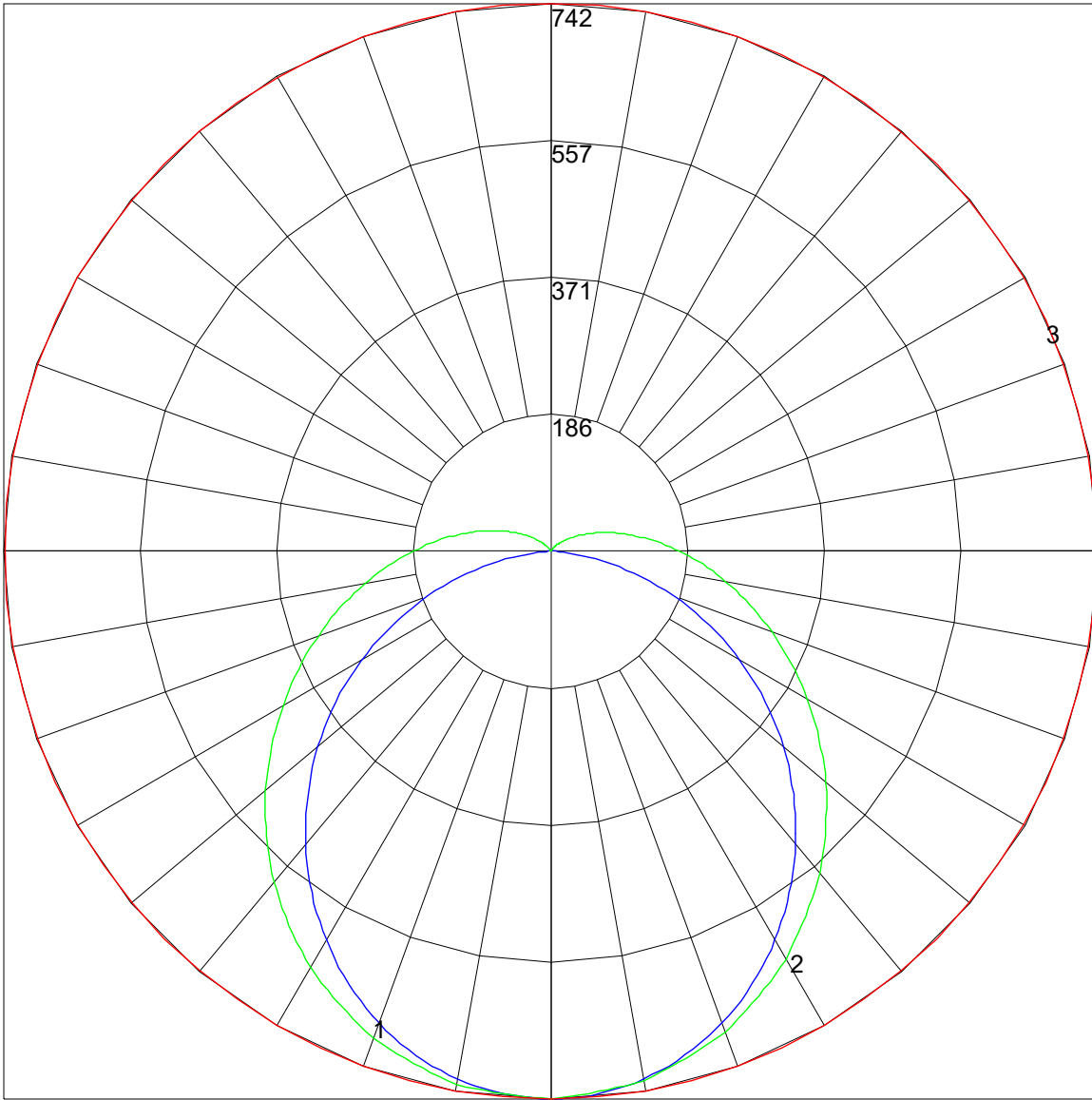
IES INDOOR REPORT
PHOTOMETRIC FILENAME : VANL-N-24-L-40.IES

UGR TABLE - CORRECTED

Reflectances											
Ceiling Cavity	70	70	50	50	30	70	70	50	50	30	
Walls	50	30	50	30	30	50	30	50	30	30	
Floor Cavity	20	20	20	20	20	20	20	20	20	20	
Room Size		UGR Viewed Crosswise					UGR Viewed Endwise				
X=2H	Y=2H	18.9	20.5	19.4	20.9	21.4	18.2	19.8	18.7	20.2	20.7
	3H	21.1	22.5	21.6	23.0	23.5	19.8	21.3	20.3	21.7	22.2
	4H	22.1	23.5	22.6	24.0	24.5	20.4	21.7	20.9	22.2	22.7
	6H	23.1	24.3	23.6	24.8	25.4	20.7	21.9	21.2	22.4	23.0
	8H	23.5	24.7	24.1	25.2	25.8	20.8	22.0	21.3	22.5	23.0
	12H	24.0	25.1	24.5	25.6	26.2	20.8	21.9	21.3	22.4	23.0
4H	2H	19.5	20.8	20.0	21.3	21.8	19.0	20.3	19.5	20.8	21.3
	3H	21.9	23.1	22.4	23.6	24.1	20.8	21.9	21.3	22.5	23.0
	4H	23.1	24.1	23.6	24.7	25.3	21.5	22.5	22.0	23.1	23.7
	6H	24.3	25.2	24.8	25.7	26.4	22.0	22.9	22.5	23.4	24.0
	8H	24.8	25.7	25.4	26.2	26.9	22.1	22.9	22.6	23.5	24.1
	12H	25.3	26.1	25.9	26.7	27.3	22.1	22.9	22.7	23.5	24.1
8H	4H	23.4	24.3	24.0	24.8	25.5	22.0	22.9	22.6	23.5	24.1
	6H	24.8	25.5	25.4	26.1	26.7	22.7	23.5	23.3	24.1	24.7
	8H	25.4	26.1	26.0	26.7	27.4	22.9	23.6	23.5	24.2	24.9
	12H	26.2	26.8	26.8	27.4	28.1	23.1	23.7	23.7	24.3	25.0
12H	4H	23.4	24.2	24.0	24.8	25.4	22.2	23.0	22.8	23.6	24.2
	6H	24.8	25.5	25.4	26.1	26.8	22.9	23.6	23.6	24.2	24.9
	8H	25.6	26.2	26.2	26.8	27.5	23.3	23.9	23.9	24.5	25.2

Maximum UGR = 28.1

POLAR GRAPH



Maximum Candela = 742.19 Located At Horizontal Angle = 270, Vertical Angle = 1
1 - Vertical Plane Through Horizontal Angles (270 - 90) (Through Max. Cd.)
2 - Vertical Plane Through Horizontal Angles (0 - 180)
3 - Horizontal Cone Through Vertical Angle (1) (Through Max. Cd.)