

## IES Report

ZipWave® | 707 | Clear with EdgeSoft™, fixture in cove | 80 CRI | LO

707-Z9-4-48-AW / EW-XX-X-0-Z-LO-35-C1-0-AL-0

	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	60	62	63	63
Total Lumens, 4' rail length (1219mm)	885	913	932	932
Lumens per foot (305mm)	221	228	233	233
Input Power (W), 4' rail length (1219mm)	14.9	14.9	14.9	14.9
Watts per foot (305mm)	3.8	3.8	3.8	3.8
CRI	82	82	82	82

Due to the large number of options in Vode's product offering, most Vode IES reports are factored reports prepared from source reports. Source reports are the IES test reports prepared for Vode by an NVLAP accredited photometric test laboratory. Factored reports are based on data from the Vode source reports.

If the data above is in black, it is directly from a Vode source report. If it is in grey, it is factored from Vode source reports. Reference details on Vode source reports can be found on the [IES File Finder](#) page on [vode.com](#).



## IES INDOOR REPORT

PHOTOMETRIC FILENAME : VODE\_707\_Z9\_AW\_LO\_35\_C1\_IN COVE.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] L121911562 (SOURCE REPORT FOR REFERENCE)

[TESTLAB] REPORT BASED ON DATA FROM NVLAP ACCREDITED LAB

[ISSUEDATE] 12/23/2019

[MANUFAC] Vode Lighting

[LUMCAT] 707-Z9-48-AW-Z-LO-35-C1-AL

[LUMINAIRE] ZipWave LED, 48", Armstrong wall cove part no. AXIDLCWKE48, 3500K, 80 CRI, zipper board,

[MORE] clear lens w/edgesoft, low output, clear anodized finish

[TEST PROCEDURE] IESNA:LM-79-08

### CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	932
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	63
Total Luminaire Watts	14.89
Ballast Factor	1.00
CIE Type	Semi-Direct
Spacing Criterion (0-180)	0.38
Spacing Criterion (90-270)	1.92
Spacing Criterion (Diagonal)	3.06
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.06 ft
Luminous Width (90-270)	3.98 ft
Luminous Height	0.00 ft

### LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	74	1034	3842
55	137	1321	5009
65	247	1669	6984
75	404	1917	11101
85	899	2997	21577

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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>
<b>0.0</b>	45.24	45.24	45.24	45.24	45.24	45.24	45.24	45.24	45.24	45.24
<b>5.0</b>	32.48	32.48	32.48	32.48	32.48	33.06	33.64	33.64	34.22	35.38
<b>10.0</b>	24.36	24.36	24.94	24.94	24.94	25.52	26.10	27.26	28.42	29.58
<b>15.0</b>	17.98	18.56	18.56	18.56	19.14	19.72	21.46	22.62	24.36	26.10
<b>20.0</b>	13.34	13.34	13.34	13.92	14.50	15.66	17.40	19.14	20.88	23.20
<b>25.0</b>	9.28	9.28	9.86	10.44	11.02	12.76	15.66	16.24	18.56	20.88
<b>30.0</b>	6.38	6.38	6.38	7.54	8.70	10.44	11.60	15.66	16.82	19.14
<b>35.0</b>	2.32	2.90	3.48	5.22	6.96	8.70	9.86	13.34	16.82	18.56
<b>37.5</b>	1.16	1.16	1.16	2.32	3.48	6.38	9.28	11.60	16.24	17.98
<b>40.0</b>	1.16	1.16	1.16	2.32	3.48	5.22	6.96	9.28	15.08	17.40
<b>42.5</b>	1.16	1.16	1.16	2.32	4.06	5.22	6.96	9.28	11.02	17.98
<b>45.0</b>	1.16	1.16	1.74	2.90	4.06	5.80	7.54	9.28	11.02	16.24
<b>47.5</b>	1.16	1.16	1.74	2.90	4.06	5.80	7.54	9.86	11.02	16.24
<b>50.0</b>	1.16	1.16	1.74	2.90	4.64	6.38	8.12	9.86	11.60	16.24
<b>52.5</b>	1.74	1.74	2.32	3.48	4.64	6.38	8.12	10.44	12.18	16.24
<b>55.0</b>	1.74	1.74	2.32	3.48	5.22	6.38	8.12	10.44	12.18	16.82
<b>57.5</b>	2.32	2.32	2.32	3.48	5.22	6.38	8.70	10.44	12.18	16.82
<b>60.0</b>	2.32	2.32	2.90	3.48	5.22	6.38	8.12	10.44	12.18	16.82
<b>62.5</b>	2.32	2.32	2.90	3.48	5.22	6.38	8.12	10.44	11.60	16.24
<b>65.0</b>	2.32	2.32	2.90	3.48	4.64	6.38	7.54	9.86	11.02	15.66
<b>67.5</b>	2.32	2.32	2.90	3.48	4.64	5.80	7.54	9.28	10.44	14.50
<b>70.0</b>	2.32	2.32	2.90	3.48	4.64	5.80	6.96	8.70	10.44	12.18
<b>72.5</b>	2.32	2.32	2.90	3.48	4.06	5.22	6.38	8.12	9.86	11.02
<b>75.0</b>	2.32	2.32	2.90	3.48	4.06	5.22	6.38	7.54	9.28	11.02
<b>77.5</b>	2.32	2.32	2.32	2.90	4.06	4.64	5.80	6.96	8.12	9.86
<b>80.0</b>	2.32	2.32	2.32	2.90	3.48	4.06	5.22	5.80	6.96	8.70
<b>85.0</b>	1.74	1.74	2.32	2.32	2.90	3.48	4.06	4.64	5.22	5.80
<b>90.0</b>	1.74	1.74	1.74	2.32	2.32	2.32	2.90	3.48	3.48	4.06
<b>95.0</b>	1.74	1.74	2.32	2.32	2.32	2.90	3.48	3.48	4.06	4.64
<b>100.0</b>	1.74	1.74	2.32	2.32	2.90	3.48	4.06	4.64	5.22	5.80
<b>105.0</b>	1.74	1.74	2.32	2.32	2.90	3.48	4.64	5.80	6.96	8.12
<b>110.0</b>	1.74	1.74	1.74	2.90	3.48	4.64	5.22	6.96	8.70	9.28
<b>115.0</b>	1.74	1.74	1.74	2.90	4.06	5.22	6.96	8.70	9.86	12.76
<b>120.0</b>	1.74	1.74	1.74	2.90	4.64	6.38	8.12	9.86	13.34	15.66
<b>125.0</b>	1.16	1.16	1.74	3.48	5.22	7.54	8.70	12.76	16.24	19.72
<b>130.0</b>	1.16	1.16	2.32	4.06	5.80	7.54	11.60	15.66	19.72	22.62
<b>135.0</b>	1.16	1.16	2.32	4.06	6.96	8.70	13.92	17.98	21.46	23.20
<b>140.0</b>	1.16	1.16	2.32	4.06	5.80	10.44	13.92	18.56	20.30	22.62
<b>145.0</b>	1.16	1.16	1.74	3.48	5.80	8.12	12.18	15.08	19.14	20.88
<b>150.0</b>	1.16	1.16	1.16	2.32	4.06	6.96	9.28	12.76	15.66	18.56
<b>155.0</b>	1.16	1.16	1.16	1.74	2.90	4.64	6.96	8.70	11.60	13.92
<b>160.0</b>	1.16	1.16	1.16	1.16	2.32	2.90	4.06	6.38	8.12	9.86
<b>165.0</b>	1.16	1.16	1.16	1.16	1.16	1.16	2.32	2.90	4.06	5.22
<b>170.0</b>	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.16	1.74
<b>175.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>180.0</b>	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>
<b>0.0</b>	45.24	45.24	45.24	45.24	45.24	45.24	45.24	45.24	45.24	45.24
<b>5.0</b>	35.96	36.54	37.70	38.86	40.02	41.18	42.34	43.50	44.66	46.40
<b>10.0</b>	31.32	32.48	34.22	35.96	38.28	40.02	42.34	44.66	46.98	49.30
<b>15.0</b>	27.84	30.16	31.90	34.22	37.12	39.44	42.34	45.82	48.72	52.20

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**CANDELA TABULATION - (Cont.)**

20.0	25.52	27.84	30.16	33.06	35.96	39.44	42.92	46.98	51.04	55.10
25.0	23.20	26.10	29.00	32.48	35.96	39.44	43.50	48.14	52.78	58.58
30.0	22.04	24.94	28.42	31.90	35.96	40.02	44.66	49.30	55.10	61.48
35.0	21.46	24.36	27.84	31.90	35.96	40.02	45.24	50.46	56.26	63.80
37.5	20.88	24.36	27.84	31.90	35.96	40.60	45.24	51.04	57.42	64.96
40.0	20.30	23.78	27.84	31.90	35.96	40.60	45.82	51.62	58.58	66.70
42.5	20.30	23.78	27.26	31.90	36.54	41.18	46.40	52.78	59.74	68.44
45.0	19.72	23.78	27.26	31.90	36.54	41.18	46.98	53.36	60.32	69.60
47.5	17.98	23.20	27.84	31.90	36.54	41.76	47.56	53.94	61.48	71.34
50.0	17.98	22.04	27.26	31.90	36.54	42.34	48.14	54.52	62.06	72.50
52.5	18.56	21.46	26.68	31.90	37.12	42.34	48.14	55.10	62.64	73.66
55.0	18.56	22.04	26.10	31.90	37.12	42.92	48.72	55.68	63.80	74.82
57.5	18.56	22.04	25.52	30.74	37.12	42.34	49.30	56.26	64.38	75.98
60.0	18.56	22.04	25.52	30.16	36.54	42.34	49.30	56.26	64.96	77.14
62.5	17.98	21.46	25.52	29.58	35.38	42.34	49.30	56.84	64.96	77.72
65.0	17.40	20.88	24.94	29.00	34.22	41.18	48.72	56.84	65.54	78.88
67.5	16.24	19.72	23.78	28.42	33.06	40.02	48.14	56.84	65.54	79.46
70.0	16.82	18.56	22.04	26.68	31.90	38.28	46.98	56.26	64.96	80.04
72.5	15.08	16.82	20.30	24.94	30.16	36.54	44.66	55.10	64.38	80.62
75.0	12.18	16.82	18.56	22.62	27.26	33.64	42.34	53.94	63.80	81.20
77.5	11.02	14.50	16.24	19.72	24.36	30.16	38.86	51.04	62.64	81.20
80.0	9.86	11.60	15.08	16.82	20.30	25.52	34.22	47.56	59.74	78.30
85.0	6.96	8.12	9.28	11.02	12.18	18.56	20.88	30.74	41.76	52.78
90.0	4.06	4.64	5.22	5.80	6.38	6.38	6.38	6.96	9.28	24.36
95.0	5.22	5.80	6.38	7.54	9.28	10.44	16.82	30.74	35.38	48.14
100.0	6.96	8.12	9.28	12.18	15.66	24.36	31.32	40.60	44.66	51.04
105.0	8.70	11.02	13.92	18.56	26.68	33.06	41.18	45.82	48.72	49.88
110.0	12.18	15.08	19.14	27.26	34.22	40.60	45.82	50.46	52.78	52.20
115.0	15.08	19.72	27.26	33.64	39.44	45.24	49.30	52.78	54.52	54.52
120.0	19.72	26.68	31.90	37.70	42.92	46.98	50.46	53.36	55.10	55.10
125.0	25.52	29.58	34.22	38.86	42.92	46.40	49.30	52.20	53.94	53.94
130.0	26.10	30.16	34.22	37.70	41.18	44.08	46.40	49.30	50.46	51.04
135.0	26.10	28.42	31.90	35.38	37.70	40.60	42.34	44.08	45.82	46.98
140.0	24.94	27.84	29.58	31.90	34.22	35.38	37.70	39.44	40.02	41.18
145.0	23.20	25.52	26.68	28.42	30.16	31.32	32.48	33.06	34.22	34.80
150.0	20.30	22.04	23.20	24.94	26.10	26.68	27.26	27.84	28.42	28.42
155.0	16.24	18.56	19.72	20.30	20.88	22.04	22.62	22.62	22.04	21.46
160.0	11.02	12.76	13.92	15.08	16.24	16.24	16.24	15.66	15.66	15.08
165.0	5.80	7.54	8.70	9.86	10.44	10.44	10.44	10.44	9.86	9.28
170.0	1.74	2.32	2.90	3.48	4.06	4.06	4.06	4.06	3.48	2.90
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**Vert. Angles**      **Horizontal Angles**

	<b>100</b>	<b>105</b>	<b>110</b>	<b>115</b>	<b>120</b>	<b>125</b>	<b>130</b>	<b>135</b>	<b>140</b>	<b>145</b>
0.0	45.24	45.24	45.24	45.24	45.24	45.24	45.24	45.24	45.24	45.24
5.0	47.56	48.72	49.88	51.62	52.78	54.52	55.68	56.84	58.00	59.16
10.0	51.62	53.94	56.26	59.16	61.48	64.38	66.70	69.02	71.34	73.66
15.0	55.68	59.74	63.22	67.86	71.92	75.98	80.62	84.68	89.32	92.80
20.0	60.32	65.54	70.76	77.14	83.52	90.48	96.86	104.40	111.36	118.32
25.0	64.96	71.92	79.46	87.58	96.86	106.72	113.10	128.76	140.94	154.28
30.0	69.02	78.30	88.16	99.76	112.52	121.22	145.58	163.56	183.86	200.68
35.0	72.50	82.94	94.54	108.46	117.74	146.16	167.62	191.40	211.70	230.26
37.5	74.82	85.84	99.76	110.20	135.72	160.66	186.76	210.54	232.00	251.14
40.0	77.14	89.90	104.98	117.16	149.06	177.48	203.58	228.52	251.14	270.86

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**CANDELA TABULATION - (Cont.)**

42.5	79.46	93.38	104.98	133.40	162.98	193.14	220.40	246.50	269.70	290.00
45.0	81.20	96.28	109.04	142.10	174.58	204.74	233.16	259.26	283.04	302.76
47.5	84.10	100.92	115.42	154.28	187.92	219.24	248.24	274.92	298.12	316.10
50.0	86.42	104.98	122.38	167.04	200.68	232.58	262.16	287.68	309.14	326.54
52.5	88.74	102.66	140.94	177.48	212.28	244.76	273.18	296.96	316.10	330.60
55.0	91.06	106.72	150.80	187.92	223.30	254.62	281.30	302.76	318.42	330.60
57.5	93.96	111.94	160.08	196.62	232.00	261.58	285.36	302.76	316.68	328.86
60.0	95.70	116.00	166.46	203.00	236.64	263.90	284.78	300.44	314.36	325.96
62.5	98.60	121.80	173.42	209.38	240.70	263.90	281.30	296.96	310.30	321.90
65.0	95.12	142.10	179.80	213.44	238.38	257.52	274.92	288.84	301.60	312.04
67.5	98.02	147.32	182.70	211.70	233.16	251.72	267.96	281.88	293.48	303.34
70.0	100.34	149.64	181.54	205.32	226.20	244.18	259.26	272.60	283.04	291.74
72.5	102.08	149.06	175.16	197.78	218.08	234.32	248.82	260.42	270.28	277.82
75.0	102.08	143.84	167.04	188.50	207.64	223.30	235.48	245.92	254.04	261.58
77.5	99.18	133.98	156.60	176.90	194.30	208.22	219.24	229.10	237.22	244.76
80.0	100.34	114.26	144.42	162.98	178.64	190.82	201.84	211.70	219.82	227.36
85.0	69.60	91.06	110.20	118.90	141.52	153.12	163.56	173.42	182.12	189.66
90.0	35.38	54.52	71.92	87.00	100.34	111.94	117.16	131.66	139.78	147.32
95.0	59.16	67.86	80.04	93.38	104.40	113.10	118.90	130.50	138.04	145.00
100.0	62.06	67.28	72.50	77.72	81.20	84.10	114.84	127.02	154.86	162.40
105.0	63.22	66.12	68.44	71.34	73.66	75.98	78.30	79.46	80.04	80.62
110.0	65.54	67.28	67.28	67.28	67.86	68.44	68.44	68.44	67.86	66.70
115.0	66.12	67.28	66.70	64.96	63.22	62.06	60.90	59.16	57.42	55.10
120.0	61.48	66.70	65.54	63.22	59.74	57.42	53.94	51.04	48.72	45.82
125.0	56.26	63.80	62.64	60.32	57.42	53.36	49.30	44.66	41.18	37.70
130.0	51.04	59.16	58.58	56.26	52.78	49.88	45.82	41.18	35.96	31.32
135.0	45.82	50.46	52.78	51.04	48.14	44.66	41.18	37.12	32.48	27.84
140.0	41.18	42.34	46.40	45.24	42.34	39.44	35.96	32.48	28.42	25.52
145.0	34.80	34.22	35.96	37.70	35.96	33.64	30.74	27.26	25.52	20.30
150.0	27.84	26.68	26.68	26.68	29.00	27.26	24.94	23.20	19.14	16.24
155.0	20.88	20.30	19.14	18.56	17.98	20.88	19.14	16.82	14.50	12.18
160.0	14.50	13.34	12.18	11.60	10.44	10.44	9.86	10.44	9.28	7.54
165.0	8.12	6.96	6.38	5.22	4.06	4.06	2.90	2.32	2.32	2.32
170.0	2.90	2.32	2.32	2.32	1.74	1.74	1.74	1.74	1.74	1.74
175.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
180.0	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>
0.0	45.24	45.24	45.24	45.24	45.24	45.24	45.24
5.0	60.32	61.48	62.06	62.64	63.22	63.22	63.22
10.0	75.98	77.72	79.46	80.62	81.78	82.36	82.36
15.0	96.28	99.76	102.66	104.98	106.72	107.88	108.46
20.0	121.80	130.50	135.72	140.36	143.84	146.16	146.74
25.0	165.88	177.48	186.76	194.30	199.52	203.00	203.58
30.0	215.18	227.94	238.38	246.50	252.30	255.78	256.94
35.0	245.92	259.84	270.86	279.56	285.94	289.42	290.58
37.5	267.38	281.88	293.48	302.76	308.56	312.62	313.78
40.0	288.26	302.18	313.78	323.06	328.86	332.34	333.50
42.5	306.82	321.32	332.34	340.46	345.68	349.16	349.74
45.0	319.00	332.34	343.36	350.90	356.12	359.60	360.18
47.5	331.76	344.52	353.22	360.76	364.24	366.56	367.14
50.0	339.88	349.74	356.70	362.50	366.56	368.88	369.46
52.5	341.62	350.90	357.86	363.08	367.14	368.88	369.46
55.0	341.04	350.32	357.28	361.92	365.40	367.72	368.30

**IES INDOOR REPORT**  
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**CANDELA TABULATION - (Cont.)**

<b>57.5</b>	338.72	347.42	353.80	359.02	362.50	364.24	364.24
<b>60.0</b>	335.82	343.94	350.32	354.96	358.44	360.76	361.34
<b>62.5</b>	330.60	338.14	343.94	348.58	351.48	353.80	353.80
<b>65.0</b>	320.74	327.70	332.92	337.56	339.88	341.62	342.20
<b>67.5</b>	311.46	317.26	322.48	325.96	328.86	330.60	330.60
<b>70.0</b>	298.70	305.08	309.14	312.62	314.36	316.10	316.68
<b>72.5</b>	284.20	289.42	294.06	296.96	299.28	301.02	301.60
<b>75.0</b>	267.96	273.18	277.82	281.30	283.62	285.36	285.94
<b>77.5</b>	251.14	256.36	261.00	265.06	267.38	269.12	269.70
<b>80.0</b>	233.74	238.96	243.60	247.08	249.98	251.14	252.30
<b>85.0</b>	196.04	201.84	206.48	209.96	212.28	214.02	214.02
<b>90.0</b>	153.70	158.92	162.98	166.46	168.78	170.52	171.10
<b>95.0</b>	150.80	156.02	160.66	164.14	166.46	168.20	168.78
<b>100.0</b>	167.62	171.10	175.16	176.90	179.22	180.38	179.80
<b>105.0</b>	80.62	82.36	85.26	123.54	150.22	178.06	184.44
<b>110.0</b>	65.54	63.22	60.32	58.00	56.26	55.10	54.52
<b>115.0</b>	53.36	50.46	47.56	44.08	40.60	38.86	38.28
<b>120.0</b>	42.92	40.02	35.96	31.32	28.42	26.68	26.10
<b>125.0</b>	34.22	30.16	26.10	22.04	19.14	16.82	16.24
<b>130.0</b>	26.68	23.78	17.40	13.34	11.02	8.12	8.70
<b>135.0</b>	24.36	17.40	12.76	8.12	3.48	2.90	2.32
<b>140.0</b>	19.72	15.08	10.44	5.22	4.64	2.32	1.74
<b>145.0</b>	16.82	12.76	8.12	4.64	4.06	2.32	1.74
<b>150.0</b>	12.76	9.86	5.80	5.22	3.48	1.74	1.74
<b>155.0</b>	9.28	6.38	5.80	4.06	2.90	1.74	1.74
<b>160.0</b>	5.80	5.22	4.64	3.48	2.32	1.74	1.74
<b>165.0</b>	3.48	3.48	2.90	2.32	1.74	1.74	1.74
<b>170.0</b>	1.74	1.74	1.74	1.74	1.74	1.74	1.74
<b>175.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00
<b>180.0</b>	0.00	0.00	0.00	0.00	0.00	0.00	0.00

**IES INDOOR REPORT**  
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**ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	20.66	N.A.	2.20
0-30	57.05	N.A.	6.10
0-40	122.28	N.A.	13.10
0-60	346.81	N.A.	37.20
0-80	607.31	N.A.	65.20
0-90	697.02	N.A.	74.80
10-90	692.50	N.A.	74.30
20-40	101.62	N.A.	10.90
20-50	200.56	N.A.	21.50
40-70	360.54	N.A.	38.70
60-80	260.50	N.A.	27.90
70-80	124.49	N.A.	13.40
80-90	89.71	N.A.	9.60
90-110	125.69	N.A.	13.50
90-120	163.35	N.A.	17.50
90-130	192.92	N.A.	20.70
90-150	227.28	N.A.	24.40
90-180	235.02	N.A.	25.20
110-180	109.33	N.A.	11.70
0-180	932.04	N.A.	100.00

Total Luminaire Efficiency = N.A. %

**ZONAL LUMEN SUMMARY**

Zone	Lumens
0-10	4.52
10-20	16.14
20-30	36.39
30-40	65.23
40-50	98.94
50-60	125.59
60-70	136.01
70-80	124.49
80-90	89.71
90-100	69.70
100-110	55.99
110-120	37.66
120-130	29.57
130-140	21.19
140-150	13.17
150-160	6.12
160-170	1.55
170-180	0.08

# IES INDOOR REPORT

PHOTOMETRIC FILENAME : VODE\_707\_Z9\_AW\_LO\_35\_C1\_IN COVE.IES

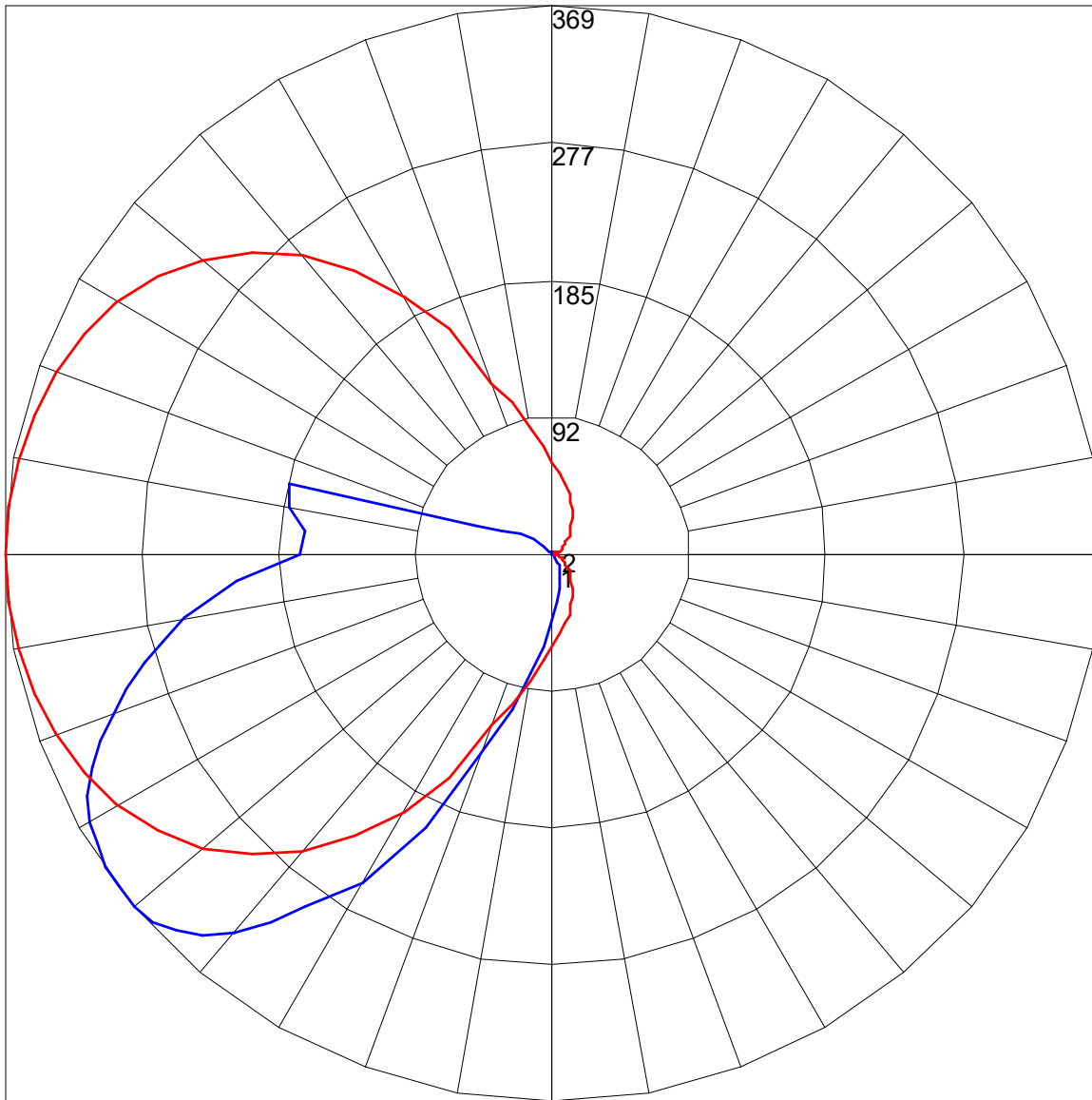
## COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	113	113	113	113	107	107	107	107	97	97	97	88	88	88	79	79	79	75
1	98	91	85	79	92	86	80	75	77	72	68	69	65	62	61	58	55	51
2	86	75	67	59	81	71	63	56	63	57	51	56	51	46	49	45	41	38
3	77	64	54	46	72	60	51	44	53	46	40	47	41	36	41	36	32	28
4	69	55	44	36	65	52	42	35	46	38	32	40	34	28	35	30	25	22
5	63	48	37	30	59	45	36	28	40	32	26	35	28	23	31	25	21	18
6	57	42	32	25	53	40	30	24	35	27	21	31	24	19	27	22	17	14
7	53	38	28	21	49	35	26	20	32	24	18	28	21	16	24	19	14	12
8	48	34	24	18	45	32	23	17	28	21	16	25	19	14	22	17	12	10
9	45	30	22	16	42	29	21	15	26	19	13	23	17	12	20	15	11	8
10	42	28	19	14	39	26	18	13	24	17	12	21	15	11	18	13	9	7



POLAR GRAPH



Maximum Candela = 369.46 Located At Horizontal Angle = 180, Vertical Angle = 50  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180)  
# 2 - Horizontal Cone Through Vertical Angle (50) (Through Max. Cd.)