

IES Report

ZipWave® | 707 | Clear with EdgeSoft™ | 80 CRI | HO

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

	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	132	137	139	139
Total Lumens, 4' rail length (1219mm)	7092	7316	7465	7465
Lumens per foot (305mm)	1773	1829	1866	1866
Input Power (W), 4' rail length (1219mm)	53.7	53.7	53.7	53.7
Watts per foot (305mm)	13.5	13.5	13.5	13.5
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_HO_35_C1.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] L121911561R01 (SOURCE REPORT FOR REFERENCE)

[TESTLAB] REPORT BASED ON DATA FROM NVLAP ACCREDITED LAB

[ISSUE DATE] 12/23/2019

[MANUFAC] Vode Lighting

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

[LUMINAIRE] ZipWave LED, wall cove, 48", 3500K, 80 CRI, zipper board, clear lens w/edgesoft,

[MORE] high 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	7452
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	139
Total Luminaire Watts	53.73
Ballast Factor	1.00
CIE Type	Indirect
Spacing Criterion (0-180)	N.A.
Spacing Criterion (90-270)	N.A.
Spacing Criterion (Diagonal)	N.A.
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	0	0	0
55	0	0	0
65	0	0	0
75	0	0	0
85	0	0	0

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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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90	46.2	46.2	44.0	44.0	41.8	41.8	37.4	35.2	33.0	30.8
95	173.8	173.8	171.6	169.4	167.2	165.0	160.6	156.2	149.6	145.2
100	338.8	338.8	336.6	334.4	332.2	327.8	321.2	316.8	310.2	303.6
105	536.8	539.0	536.8	532.4	530.2	525.8	519.2	512.6	506.0	497.2
110	759.0	759.0	756.8	754.6	750.2	745.8	741.4	732.6	726.0	719.4
115	1009.8	1009.8	1009.8	1007.6	1003.2	998.8	994.4	987.8	979.0	972.4
120	1282.6	1282.6	1280.4	1278.2	1276.0	1271.6	1267.2	1260.6	1254.0	1247.4
125	1562.0	1564.2	1562.0	1559.8	1557.6	1555.4	1551.0	1546.6	1537.8	1531.2
130	1845.8	1845.8	1843.6	1843.6	1841.4	1834.8	1832.6	1828.2	1823.8	1817.2
135	2112.0	2109.8	2112.0	2107.6	2105.4	2103.2	2101.0	2094.4	2090.0	2083.4
140	2349.6	2349.6	2351.8	2347.4	2347.4	2340.8	2334.2	2327.6	2325.4	2318.8
145	2545.4	2549.8	2547.6	2547.6	2541.0	2541.0	2536.6	2530.0	2521.2	2512.4
150	2714.8	2712.6	2712.6	2708.2	2708.2	2699.4	2697.2	2688.4	2681.8	2670.8
155	2844.6	2844.6	2842.4	2838.0	2835.8	2829.2	2822.6	2816.0	2807.2	2796.2
160	2926.0	2923.8	2921.6	2919.4	2915.0	2912.8	2906.2	2897.4	2888.6	2879.8
165	2978.8	2978.8	2976.6	2976.6	2970.0	2963.4	2961.2	2954.6	2948.0	2937.0
170	2985.4	2985.4	2985.4	2983.2	2985.4	2981.0	2978.8	2970.0	2967.8	2959.0
175	2965.6	2970.0	2965.6	2967.8	2965.6	2965.6	2963.4	2956.8	2956.8	2954.6
180	2921.6	2921.6	2921.6	2921.6	2921.6	2921.6	2921.6	2921.6	2921.6	2921.6

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

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CANDELA TABULATION - (Cont.)

65	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90	26.4	24.2	22.0	17.6	15.4	13.2	8.8	6.6	6.6	4.4
95	138.6	132.0	125.4	118.8	110.0	103.4	94.6	88.0	81.4	77.0
100	294.8	286.0	277.2	268.4	257.4	244.2	233.2	220.0	209.0	198.0
105	488.4	479.6	468.6	457.6	444.4	426.8	409.2	393.8	374.0	356.4
110	710.6	699.6	688.6	673.2	657.8	640.2	616.0	591.8	567.6	543.4
115	963.6	952.6	941.6	924.0	906.4	884.4	858.0	829.4	798.6	765.6
120	1238.6	1227.6	1214.4	1199.0	1179.2	1152.8	1124.2	1089.0	1051.6	1012.0
125	1524.6	1513.6	1500.4	1482.8	1465.2	1438.8	1405.8	1368.4	1326.6	1282.6
130	1808.4	1797.4	1784.2	1768.8	1744.6	1718.2	1683.0	1641.2	1599.4	1553.2
135	2072.4	2063.6	2048.2	2030.6	2006.4	1977.8	1940.4	1903.0	1861.2	1815.0
140	2307.8	2294.6	2279.2	2257.2	2235.2	2206.6	2171.4	2136.2	2094.4	2052.6
145	2499.2	2486.0	2470.6	2448.6	2424.4	2398.0	2367.2	2334.2	2296.8	2257.2
150	2659.8	2644.4	2629.0	2607.0	2587.2	2558.6	2530.0	2501.4	2470.6	2437.6
155	2785.2	2772.0	2752.2	2734.6	2714.8	2690.6	2668.6	2642.2	2613.6	2585.0
160	2868.8	2855.6	2842.4	2824.8	2809.4	2789.6	2772.0	2750.0	2728.0	2706.0
165	2928.2	2919.4	2906.2	2893.0	2882.0	2868.8	2851.2	2835.8	2820.4	2800.6
170	2954.6	2945.8	2934.8	2926.0	2919.4	2908.4	2901.8	2888.6	2877.6	2864.4
175	2948.0	2945.8	2943.6	2939.2	2930.4	2928.2	2921.6	2917.2	2912.8	2910.6
180	2921.6	2921.6	2921.6	2921.6	2921.6	2921.6	2921.6	2921.6	2921.6	2921.6

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	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90	4.4	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2	2.2
95	74.8	70.4	66.0	61.6	57.2	52.8	48.4	44.0	41.8	37.4
100	189.2	180.4	171.6	162.8	151.8	143.0	134.2	125.4	116.6	110.0
105	341.0	325.6	310.2	294.8	279.4	261.8	246.4	231.0	217.8	204.6
110	521.4	499.4	477.4	457.6	433.4	411.4	387.2	365.2	345.4	325.6
115	737.0	708.4	679.8	653.4	622.6	594.0	563.2	532.4	506.0	477.4
120	976.8	943.8	910.8	880.0	844.8	809.6	772.2	734.8	701.8	668.8
125	1243.0	1203.4	1170.4	1135.2	1097.8	1058.2	1018.6	976.8	937.2	899.8
130	1513.6	1474.0	1438.8	1401.4	1361.8	1326.6	1287.0	1245.2	1205.6	1166.0
135	1773.2	1735.8	1698.4	1665.4	1632.4	1597.2	1562.0	1524.6	1489.4	1452.0

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CANDELA TABULATION - (Cont.)

140	2010.8	1975.6	1940.4	1909.6	1878.8	1852.4	1823.8	1795.2	1764.4	1735.8
145	2219.8	2186.8	2156.0	2131.8	2105.4	2081.2	2061.4	2039.4	2015.2	1995.4
150	2406.8	2376.0	2347.4	2325.4	2299.0	2283.6	2266.0	2248.4	2233.0	2217.6
155	2558.6	2532.2	2510.2	2488.2	2468.4	2453.0	2439.8	2424.4	2413.4	2404.6
160	2684.0	2666.4	2646.6	2629.0	2613.6	2596.0	2585.0	2574.0	2565.2	2554.2
165	2785.2	2769.8	2754.4	2739.0	2728.0	2717.0	2706.0	2697.2	2686.2	2681.8
170	2853.4	2846.8	2835.8	2824.8	2816.0	2807.2	2800.6	2794.0	2789.6	2780.8
175	2901.8	2901.8	2897.4	2890.8	2886.4	2879.8	2877.6	2871.0	2866.6	2866.6
180	2921.6	2921.6	2921.6	2921.6	2921.6	2921.6	2921.6	2921.6	2921.6	2921.6

Vert. Horizontal Angles
Angles

	<u>150</u>	<u>155</u>	<u>160</u>	<u>165</u>	<u>170</u>	<u>175</u>	<u>180</u>
0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0
35	0.0	0.0	0.0	0.0	0.0	0.0	0.0
40	0.0	0.0	0.0	0.0	0.0	0.0	0.0
45	0.0	0.0	0.0	0.0	0.0	0.0	0.0
50	0.0	0.0	0.0	0.0	0.0	0.0	0.0
55	0.0	0.0	0.0	0.0	0.0	0.0	0.0
60	0.0	0.0	0.0	0.0	0.0	0.0	0.0
65	0.0	0.0	0.0	0.0	0.0	0.0	0.0
70	0.0	0.0	0.0	0.0	0.0	0.0	0.0
75	0.0	0.0	0.0	0.0	0.0	0.0	0.0
80	0.0	0.0	0.0	0.0	0.0	0.0	0.0
85	0.0	0.0	0.0	0.0	0.0	0.0	0.0
90	2.2	2.2	2.2	2.2	2.2	2.2	2.2
95	35.2	33.0	30.8	30.8	28.6	28.6	28.6
100	105.6	99.0	96.8	92.4	90.2	90.2	88.0
105	193.6	184.8	178.2	171.6	169.4	165.0	165.0
110	308.0	294.8	281.6	272.8	268.4	264.0	261.8
115	455.4	435.6	418.0	407.0	398.2	391.6	389.4
120	640.2	613.8	594.0	576.4	565.4	558.8	554.4
125	864.6	838.2	811.8	792.0	778.8	770.0	765.6
130	1130.8	1100.0	1073.6	1049.4	1034.0	1025.2	1023.0
135	1419.0	1390.4	1361.8	1342.0	1324.4	1317.8	1313.4
140	1709.4	1685.2	1661.0	1645.6	1630.2	1621.4	1621.4
145	1975.6	1955.8	1940.4	1929.4	1918.4	1911.8	1907.4
150	2204.4	2191.2	2182.4	2171.4	2167.0	2162.6	2162.6
155	2395.8	2387.0	2378.2	2373.8	2371.6	2365.0	2369.4
160	2547.6	2543.2	2534.4	2530.0	2530.0	2527.8	2530.0
165	2675.2	2670.8	2664.2	2662.0	2657.6	2657.6	2655.4
170	2776.4	2769.8	2767.6	2763.2	2763.2	2761.0	2756.6
175	2862.2	2864.4	2860.0	2860.0	2855.6	2853.4	2853.4
180	2921.6	2921.6	2921.6	2921.6	2921.6	2921.6	2921.6

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VODE_707_Z9_AW_HO_35_C1.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	0.00	N.A.	0.00
0-30	0.00	N.A.	0.00
0-40	0.00	N.A.	0.00
0-60	0.00	N.A.	0.00
0-80	0.00	N.A.	0.00
0-90	4.27	N.A.	0.10
10-90	4.27	N.A.	0.10
20-40	0.00	N.A.	0.00
20-50	0.00	N.A.	0.00
40-70	0.00	N.A.	0.00
60-80	0.00	N.A.	0.00
70-80	0.00	N.A.	0.00
80-90	4.27	N.A.	0.10
90-110	504.83	N.A.	6.80
90-120	1255.64	N.A.	16.90
90-130	2376.93	N.A.	31.90
90-150	5174.89	N.A.	69.40
90-180	7447.33	N.A.	99.90
110-180	6942.5	N.A.	93.20
0-180	7451.6	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	0.00
10-20	0.00
20-30	0.00
30-40	0.00
40-50	0.00
50-60	0.00
60-70	0.00
70-80	0.00
80-90	4.27
90-100	113.33
100-110	391.51
110-120	750.81
120-130	1121.28
130-140	1382.2
140-150	1415.76
150-160	1200.89
160-170	794.71
170-180	276.84

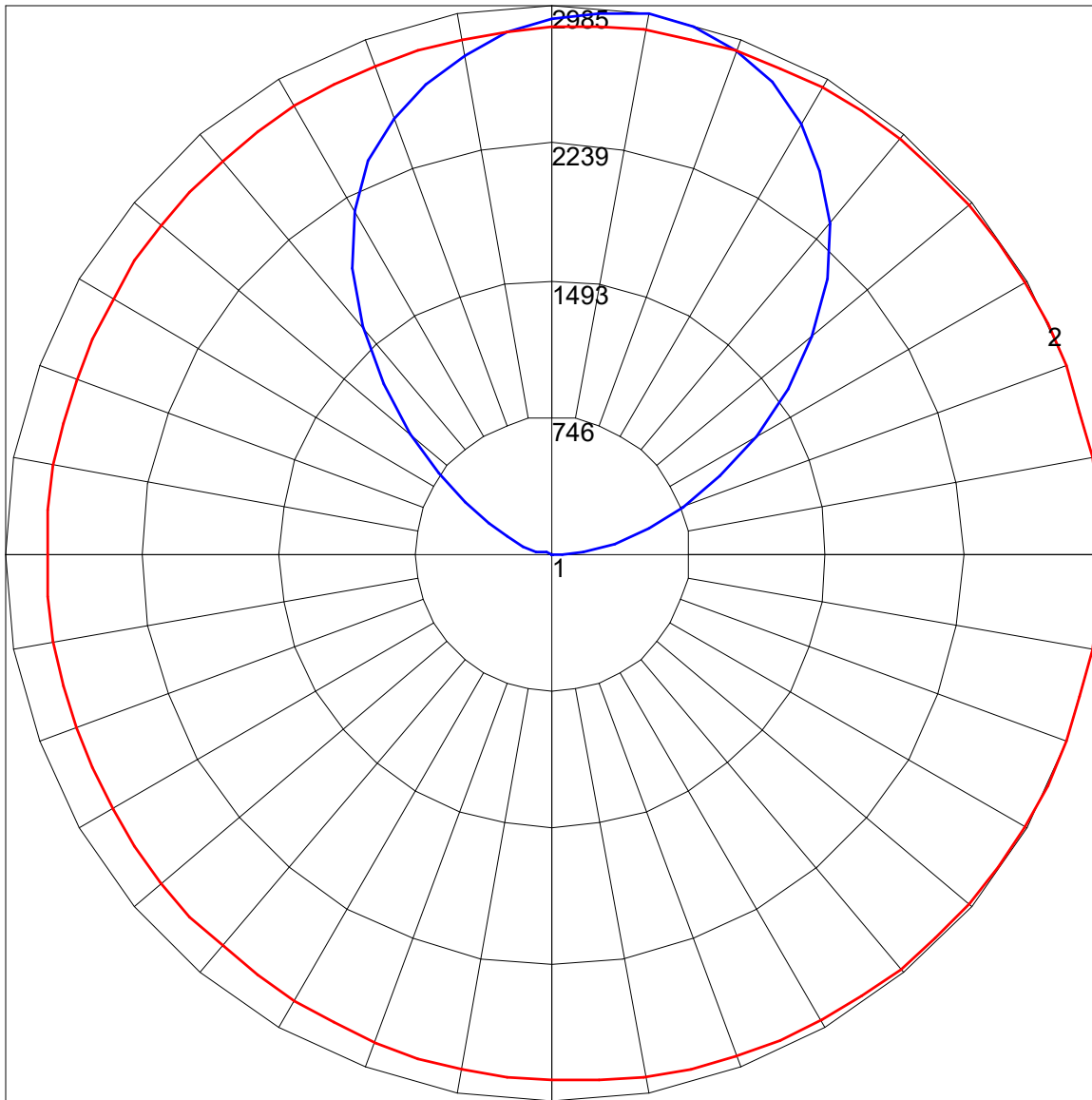
IES INDOOR REPORT
PHOTOMETRIC FILENAME : VODE_707_Z9_AW_HO_35_C1.IES

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	95	95	95	95	81	81	81	81	56	56	56	32	32	32	10	10	10	0
1	87	83	79	76	74	71	68	65	48	47	45	28	27	26	9	9	8	0
2	79	72	66	62	67	62	57	53	42	40	37	24	23	22	8	7	7	0
3	72	63	56	51	61	54	49	44	37	34	31	21	20	18	7	6	6	0
4	65	56	48	43	56	48	42	37	33	29	26	19	17	16	6	6	5	0
5	60	49	42	36	51	42	36	32	29	25	22	17	15	13	5	5	4	0
6	55	44	36	31	47	38	32	27	26	22	19	15	13	11	5	4	4	0
7	50	39	32	27	43	34	28	23	23	19	17	14	11	10	4	4	3	0
8	47	35	28	23	40	30	24	20	21	17	14	12	10	9	4	3	3	0
9	43	32	25	20	37	27	22	18	19	15	13	11	9	8	4	3	3	0
10	40	29	22	18	34	25	19	16	17	14	11	10	8	7	3	3	2	0

POLAR GRAPH



Maximum Candela = 2985.4 Located At Horizontal Angle = 0, Vertical Angle = 170
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Horizontal Cone Through Vertical Angle (170) (Through Max. Cd.)