

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	116	119	122	124
Total Lumens, 4' rail length (1219mm)	6206	6402	6532	6663
Lumens per foot (305mm)	1551	1600	1633	1666
Input Power (W), 4' rail length (1219mm)	53.9	53.9	53.9	53.9
Watts per foot (305mm)	13.5	13.5	13.5	13.5
CRI	85	85	85	85

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] L101707603 (SOURCE REPORT FOR REFERENCE)
[TESTLAB] REPORT BASED ON DATA PRODUCED BY NVLAP ACCREDITED LAB
[ISSUEDATE] 11/1/2017
[MANUFAC] Vode Lighting
[LUMCAT] 707-Z9-48-AW--Z-HO-35-C1
[LUMINAIRE] ZipWave LED, 48", wall cove, 3500K, 80 CRI, zipper board,
[MORE] clear lens w/edge softening, high output
[TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	6505
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	121
Total Luminaire Watts	53.86
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)	0.08 ft
Luminous Width (90-270)	4.00 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

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	11.0	11.0	11.0	11.0	11.0	11.0	8.8	8.8	8.8	6.6
95	50.6	50.6	50.6	50.6	50.6	50.6	52.8	52.8	52.8	55.0
100	134.2	134.2	134.2	136.4	136.4	138.6	140.8	143.0	145.2	147.4
105	246.4	248.6	248.6	250.8	253.0	255.2	259.6	264.0	270.6	275.0
110	385.0	385.0	387.2	389.4	393.8	400.4	407.0	413.6	422.4	431.2
115	556.6	556.6	558.8	563.2	567.6	576.4	585.2	596.2	609.4	620.4
120	756.8	759.0	763.4	767.8	776.6	785.4	798.6	811.8	827.2	842.6
125	994.4	994.4	998.8	1005.4	1016.4	1027.4	1040.6	1056.0	1071.4	1089.0
130	1254.0	1254.0	1258.4	1267.2	1276.0	1287.0	1300.2	1313.4	1326.6	1342.0
135	1515.8	1515.8	1520.2	1526.8	1533.4	1542.2	1553.2	1564.2	1575.2	1588.4
140	1757.8	1760.0	1762.2	1766.6	1771.0	1777.6	1786.4	1795.2	1804.0	1815.0
145	1971.2	1971.2	1973.4	1975.6	1980.0	1984.4	1991.0	1997.6	2006.4	2017.4
150	2151.6	2151.6	2151.6	2156.0	2158.2	2162.6	2169.2	2175.8	2182.4	2189.0
155	2305.6	2305.6	2305.6	2307.8	2310.0	2314.4	2318.8	2323.2	2327.6	2332.0
160	2428.8	2428.8	2431.0	2431.0	2433.2	2435.4	2437.6	2439.8	2442.0	2444.2
165	2523.4	2523.4	2523.4	2523.4	2525.6	2525.6	2525.6	2527.8	2527.8	2530.0
170	2585.0	2587.2	2587.2	2587.2	2587.2	2587.2	2587.2	2589.4	2589.4	2589.4
175	2622.4	2624.6	2622.4	2624.6	2624.6	2622.4	2624.6	2624.6	2624.6	2624.6
180	2635.6	2635.6	2635.6	2635.6	2635.6	2635.6	2635.6	2635.6	2635.6	2635.6

Vert. 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>
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
10	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
20	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
30	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
40	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
50	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
60	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
70	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
80	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
90	6.6	6.6	4.4	4.4	4.4	2.2	2.2	2.2	2.2
95	55.0	55.0	57.2	57.2	57.2	59.4	59.4	59.4	59.4
100	151.8	156.2	158.4	162.8	165.0	167.2	169.4	169.4	169.4
105	281.6	288.2	294.8	301.4	305.8	310.2	314.6	316.8	319.0
110	442.2	451.0	462.0	470.8	477.4	486.2	490.6	495.0	497.2
115	635.8	649.0	660.0	673.2	684.2	693.0	701.8	708.4	710.6
120	858.0	873.4	888.8	902.0	915.2	928.4	939.4	946.0	948.2
125	1104.4	1122.0	1135.2	1150.6	1166.0	1181.4	1192.4	1199.0	1201.2
130	1357.4	1372.8	1388.2	1403.6	1419.0	1432.2	1443.2	1449.8	1452.0
135	1601.6	1614.8	1630.2	1645.6	1658.8	1669.8	1678.6	1683.0	1685.2
140	1826.0	1839.2	1852.4	1863.4	1874.4	1883.2	1889.8	1894.2	1894.2
145	2026.2	2037.2	2046.0	2054.8	2063.6	2068.0	2072.4	2076.8	2076.8
150	2197.8	2204.4	2208.8	2215.4	2222.0	2226.4	2228.6	2228.6	2230.8
155	2336.4	2340.8	2345.2	2349.6	2351.8	2354.0	2356.2	2356.2	2356.2
160	2448.6	2448.6	2453.0	2453.0	2455.2	2457.4	2457.4	2459.6	2457.4
165	2532.2	2532.2	2534.4	2534.4	2536.6	2536.6	2536.6	2536.6	2536.6
170	2589.4	2591.6	2591.6	2591.6	2591.6	2591.6	2591.6	2593.8	2591.6
175	2624.6	2624.6	2624.6	2624.6	2624.6	2624.6	2624.6	2624.6	2624.6
180	2635.6	2635.6	2635.6	2635.6	2635.6	2635.6	2635.6	2635.6	2635.6

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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	1.94	N.A.	0.00
10-90	1.94	N.A.	0.00
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	1.94	N.A.	0.00
90-110	374.32	N.A.	5.80
90-120	1001.29	N.A.	15.40
90-130	1979.46	N.A.	30.40
90-150	4467.31	N.A.	68.70
90-180	6503.46	N.A.	100.00
110-180	6129.14	N.A.	94.20
0-180	6505.4	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	1.94
90-100	72.56
100-110	301.76
110-120	626.97
120-130	978.17
130-140	1226.87
140-150	1260.97
150-160	1073.09
160-170	713.67
170-180	249.40

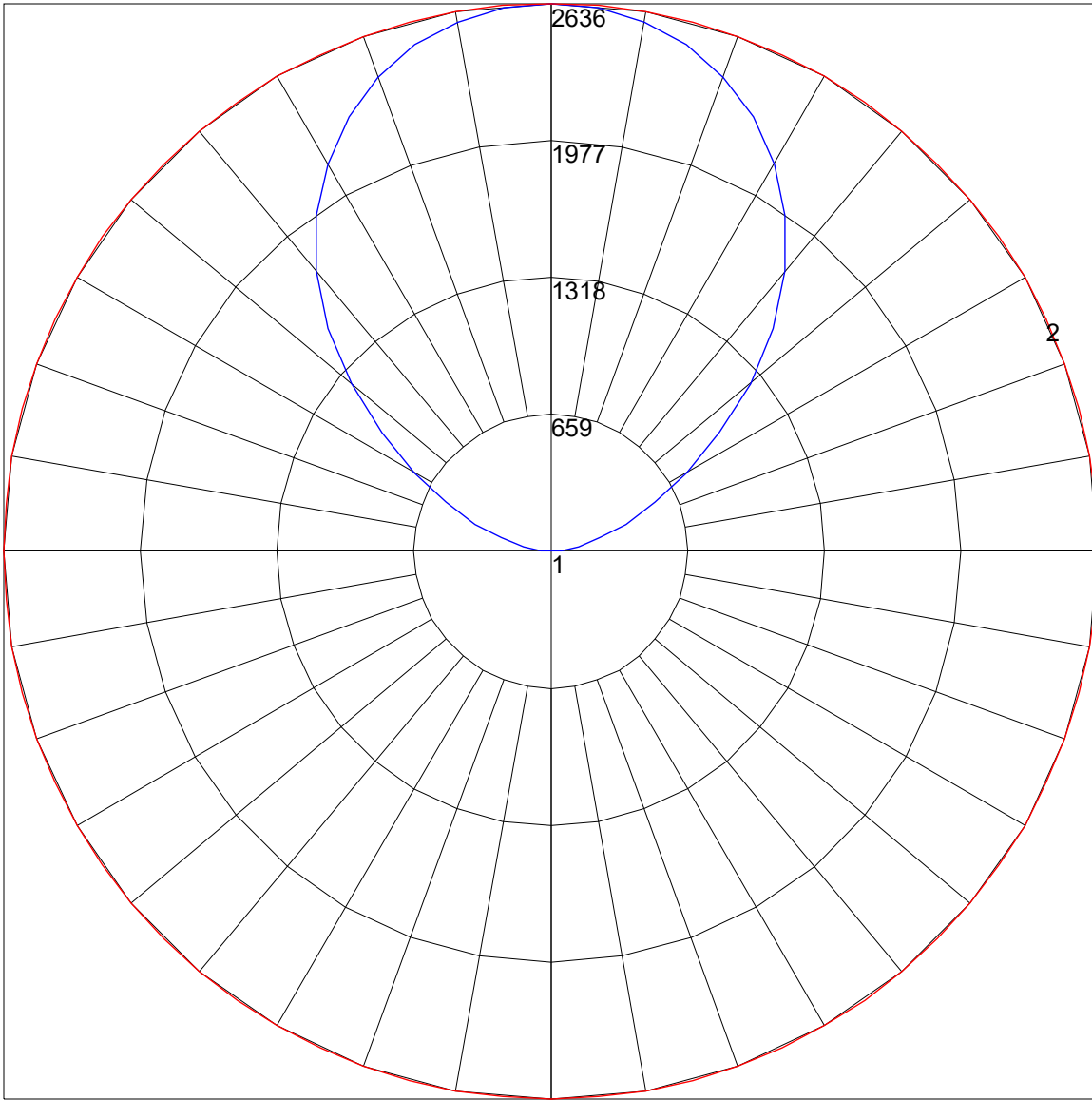
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COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	
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	28	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 = 2635.6 Located At Horizontal Angle = 0, Vertical Angle = 180
1 - Vertical Plane Through Horizontal Angles (0 - 180) (Through Max. Cd.)
2 - Horizontal Cone Through Vertical Angle (180) (Through Max. Cd.)