

## IES Report

ZipThree® | 707 | Symmetric with EdgeGlow™, uplight only | 80 CRI | HO

707-Z3-4-48-XX-XX-X-0-Z-HO-35-U2-X-XX-X

	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	142	147	150	150
Total Lumens, 4' rail length (1219mm)	7635	7877	8037	8037
Lumens per foot (305mm)	1909	1969	2009	2009
Input Power (W), 4' rail length (1219mm)	53.8	53.8	53.8	53.8
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\_Z3\_HO\_35\_U2.IES

### DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] L121911542R01 (SOURCE REPORT FOR REFERENCE)

[TESTLAB] REPORT BASED ON DATA FROM NVLAP ACCREDITED LAB

[ISSUE DATE] 12/23/2019

[MANUFAC] Vode Lighting

[LUMCAT] 707-Z3-48-Z-HO-35-U2-AL

[LUMINAIRE] ZipThree LED, 48", 3500K, 80 CRI, zipper board, symmetric lens with edgeglow up,

[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	8023
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	307
Total Luminaire Watts	26.12
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)	0.07 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>
<b>0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>5</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>10</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>15</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>20</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>25</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>30</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>35</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>40</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>45</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>50</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>55</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>60</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>65</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>70</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>75</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>80</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>85</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>90</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>95</b>	129.8	129.8	127.6	127.6	125.4	123.2	121.0	118.8	116.6	112.2
<b>100</b>	255.2	255.2	255.2	255.2	253.0	253.0	250.8	248.6	248.6	246.4
<b>105</b>	418.0	418.0	418.0	418.0	418.0	418.0	418.0	418.0	418.0	418.0
<b>110</b>	613.8	613.8	616.0	616.0	616.0	618.2	618.2	620.4	622.6	622.6
<b>115</b>	842.6	842.6	844.8	844.8	847.0	849.2	851.4	853.6	855.8	860.2
<b>120</b>	1100.0	1100.0	1100.0	1102.2	1104.4	1106.6	1111.0	1115.4	1119.8	1122.0
<b>125</b>	1372.8	1372.8	1375.0	1377.2	1379.4	1383.8	1386.0	1390.4	1397.0	1401.4
<b>130</b>	1650.0	1650.0	1652.2	1654.4	1656.6	1661.0	1665.4	1669.8	1674.2	1680.8
<b>135</b>	1916.2	1916.2	1918.4	1920.6	1922.8	1927.2	1929.4	1933.8	1938.2	1944.8
<b>140</b>	2158.2	2158.2	2158.2	2162.6	2164.8	2167.0	2169.2	2173.6	2178.0	2182.4
<b>145</b>	2369.4	2371.6	2371.6	2373.8	2373.8	2376.0	2380.4	2382.6	2384.8	2389.2
<b>150</b>	2549.8	2549.8	2549.8	2549.8	2552.0	2554.2	2556.4	2556.4	2558.6	2560.8
<b>155</b>	2695.0	2695.0	2695.0	2695.0	2697.2	2697.2	2699.4	2701.6	2701.6	2703.8
<b>160</b>	2811.6	2811.6	2811.6	2811.6	2813.8	2813.8	2813.8	2813.8	2813.8	2816.0
<b>165</b>	2899.6	2899.6	2899.6	2899.6	2899.6	2899.6	2899.6	2899.6	2899.6	2899.6
<b>170</b>	2959.0	2959.0	2959.0	2959.0	2959.0	2959.0	2959.0	2959.0	2959.0	2961.2
<b>175</b>	2992.0	2992.0	2994.2	2992.0	2992.0	2992.0	2994.2	2994.2	2992.0	2994.2
<b>180</b>	3000.8	3000.8	3000.8	3000.8	3000.8	3000.8	3000.8	3000.8	3000.8	3000.8

**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>
<b>0</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>5</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>10</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>15</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>20</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>25</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>30</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>35</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>40</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>45</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>50</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>55</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>60</b>	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.)**

<b>65</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>70</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>75</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>80</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>85</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>90</b>	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
<b>95</b>	110.0	105.6	103.4	99.0	96.8	92.4	90.2	90.2	88.0
<b>100</b>	244.2	242.0	239.8	237.6	235.4	233.2	231.0	228.8	228.8
<b>105</b>	418.0	415.8	415.8	415.8	413.6	413.6	413.6	411.4	411.4
<b>110</b>	624.8	624.8	627.0	627.0	629.2	629.2	629.2	629.2	629.2
<b>115</b>	862.4	864.6	869.0	871.2	873.4	873.4	875.6	875.6	875.6
<b>120</b>	1126.4	1130.8	1135.2	1139.6	1141.8	1146.2	1146.2	1148.4	1148.4
<b>125</b>	1405.8	1412.4	1416.8	1421.2	1425.6	1430.0	1432.2	1432.2	1432.2
<b>130</b>	1685.2	1689.6	1696.2	1700.6	1705.0	1709.4	1709.4	1711.6	1711.6
<b>135</b>	1949.2	1953.6	1958.0	1962.4	1966.8	1969.0	1971.2	1973.4	1971.2
<b>140</b>	2186.8	2189.0	2193.4	2197.8	2200.0	2202.2	2204.4	2204.4	2204.4
<b>145</b>	2391.4	2393.6	2398.0	2398.0	2400.2	2402.4	2402.4	2404.6	2404.6
<b>150</b>	2563.0	2565.2	2567.4	2569.6	2569.6	2571.8	2571.8	2571.8	2571.8
<b>155</b>	2703.8	2706.0	2706.0	2706.0	2708.2	2708.2	2708.2	2708.2	2708.2
<b>160</b>	2816.0	2818.2	2818.2	2818.2	2818.2	2818.2	2818.2	2818.2	2820.4
<b>165</b>	2901.8	2901.8	2901.8	2901.8	2901.8	2901.8	2901.8	2904.0	2901.8
<b>170</b>	2961.2	2959.0	2961.2	2961.2	2961.2	2961.2	2961.2	2961.2	2959.0
<b>175</b>	2994.2	2994.2	2994.2	2994.2	2994.2	2994.2	2994.2	2994.2	2994.2
<b>180</b>	3000.8	3000.8	3000.8	3000.8	3000.8	3000.8	3000.8	3000.8	3000.8

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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	0.00	N.A.	0.00
10-90	0.00	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	0.00	N.A.	0.00
90-110	575.36	N.A.	7.20
90-120	1432.73	N.A.	17.90
90-130	2686.87	N.A.	33.50
90-150	5674.55	N.A.	70.70
90-180	8022.75	N.A.	100.00
110-180	7447.39	N.A.	92.80
0-180	8022.75	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	0.00
90-100	127.00
100-110	448.36
110-120	857.37
120-130	1254.15
130-140	1496.5
140-150	1491.18
150-160	1244.81
160-170	818.76
170-180	284.64

# IES INDOOR REPORT

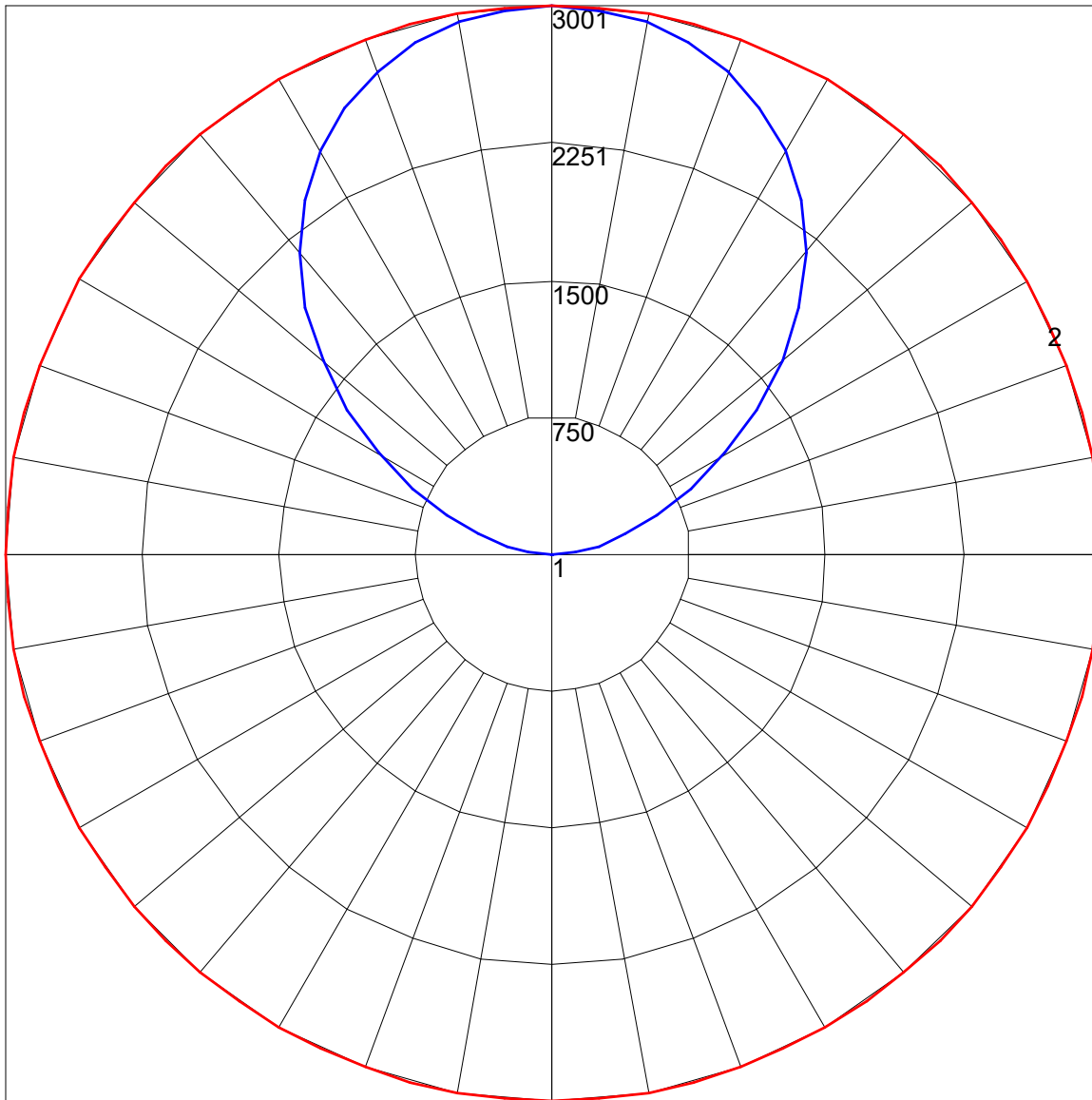
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## COEFFICIENTS OF UTILIZATION - ZONAL CAVITY METHOD

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	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	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 = 3000.8 Located At Horizontal Angle = 0, Vertical Angle = 180  
# 1 - Vertical Plane Through Horizontal Angles (0 - 180)  
# 2 - Horizontal Cone Through Vertical Angle (180) (Through Max. Cd.)