

## IES Report

ZipThree® | 707 | Symmetric with EdgeGlow™, uplight only | 90 CRI | HO

707-Z3-4-48-XX-XX-X-0-Z-HO-359-U2-X-XX-X

	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	123	127	129	131
Total Lumens, 4' rail length (1219mm)	6582	6790	6929	6998
Lumens per foot (305mm)	1646	1698	1732	1750
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	94	94	94	94

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\_359\_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-359-U2-AL

[LUMINAIRE] ZipThree LED, 48", 3500K, 90 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	6929
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	118
Total Luminaire Watts	58.83
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

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : VODE\_707\_Z3\_HO\_359\_U2.IES**

**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>	112.1	112.1	110.2	110.2	108.3	106.4	104.5	102.6	100.7	96.9
<b>100</b>	220.4	220.4	220.4	220.4	218.5	218.5	216.6	214.7	214.7	212.8
<b>105</b>	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0	361.0
<b>110</b>	530.1	530.1	532.0	532.0	532.0	533.9	533.9	535.8	537.7	537.7
<b>115</b>	727.7	727.7	729.6	729.6	731.5	733.4	735.3	737.2	739.1	742.9
<b>120</b>	950.0	950.0	950.0	951.9	953.8	955.7	959.5	963.3	967.1	969.0
<b>125</b>	1185.6	1185.6	1187.5	1189.4	1191.3	1195.1	1197.0	1200.8	1206.5	1210.3
<b>130</b>	1425.0	1425.0	1426.9	1428.8	1430.7	1434.5	1438.3	1442.1	1445.9	1451.6
<b>135</b>	1654.9	1654.9	1656.8	1658.7	1660.6	1664.4	1666.3	1670.1	1673.9	1679.6
<b>140</b>	1863.9	1863.9	1863.9	1867.7	1869.6	1871.5	1873.4	1877.2	1881.0	1884.8
<b>145</b>	2046.3	2048.2	2048.2	2050.1	2050.1	2052.0	2055.8	2057.7	2059.6	2063.4
<b>150</b>	2202.1	2202.1	2202.1	2202.1	2204.0	2205.9	2207.8	2207.8	2209.7	2211.6
<b>155</b>	2327.5	2327.5	2327.5	2327.5	2329.4	2329.4	2331.3	2333.2	2333.2	2335.1
<b>160</b>	2428.2	2428.2	2428.2	2428.2	2430.1	2430.1	2430.1	2430.1	2430.1	2432.0
<b>165</b>	2504.2	2504.2	2504.2	2504.2	2504.2	2504.2	2504.2	2504.2	2504.2	2504.2
<b>170</b>	2555.5	2555.5	2555.5	2555.5	2555.5	2555.5	2555.5	2555.5	2555.5	2557.4
<b>175</b>	2584.0	2584.0	2585.9	2584.0	2584.0	2584.0	2585.9	2585.9	2584.0	2585.9
<b>180</b>	2591.6	2591.6	2591.6	2591.6	2591.6	2591.6	2591.6	2591.6	2591.6	2591.6

**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>
<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

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : VODE\_707\_Z3\_HO\_359\_U2.IES**

**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>	95.0	91.2	89.3	85.5	83.6	79.8	77.9	77.9	76.0
<b>100</b>	210.9	209.0	207.1	205.2	203.3	201.4	199.5	197.6	197.6
<b>105</b>	361.0	359.1	359.1	359.1	357.2	357.2	357.2	355.3	355.3
<b>110</b>	539.6	539.6	541.5	541.5	543.4	543.4	543.4	543.4	543.4
<b>115</b>	744.8	746.7	750.5	752.4	754.3	754.3	756.2	756.2	756.2
<b>120</b>	972.8	976.6	980.4	984.2	986.1	989.9	989.9	991.8	991.8
<b>125</b>	1214.1	1219.8	1223.6	1227.4	1231.2	1235.0	1236.9	1236.9	1236.9
<b>130</b>	1455.4	1459.2	1464.9	1468.7	1472.5	1476.3	1476.3	1478.2	1478.2
<b>135</b>	1683.4	1687.2	1691.0	1694.8	1698.6	1700.5	1702.4	1704.3	1702.4
<b>140</b>	1888.6	1890.5	1894.3	1898.1	1900.0	1901.9	1903.8	1903.8	1903.8
<b>145</b>	2065.3	2067.2	2071.0	2071.0	2072.9	2074.8	2074.8	2076.7	2076.7
<b>150</b>	2213.5	2215.4	2217.3	2219.2	2219.2	2221.1	2221.1	2221.1	2221.1
<b>155</b>	2335.1	2337.0	2337.0	2337.0	2338.9	2338.9	2338.9	2338.9	2338.9
<b>160</b>	2432.0	2433.9	2433.9	2433.9	2433.9	2433.9	2433.9	2433.9	2435.8
<b>165</b>	2506.1	2506.1	2506.1	2506.1	2506.1	2506.1	2506.1	2508.0	2506.1
<b>170</b>	2557.4	2555.5	2557.4	2557.4	2557.4	2557.4	2557.4	2557.4	2555.5
<b>175</b>	2585.9	2585.9	2585.9	2585.9	2585.9	2585.9	2585.9	2585.9	2585.9
<b>180</b>	2591.6	2591.6	2591.6	2591.6	2591.6	2591.6	2591.6	2591.6	2591.6

**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : VODE\_707\_Z3\_HO\_359\_U2.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	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	496.90	N.A.	7.20
90-120	1237.35	N.A.	17.90
90-130	2320.48	N.A.	33.50
90-150	4900.75	N.A.	70.70
90-180	6928.74	N.A.	100.00
110-180	6431.84	N.A.	92.80
0-180	6928.74	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	109.68
100-110	387.22
110-120	740.46
120-130	1083.13
130-140	1292.43
140-150	1287.84
150-160	1075.06
160-170	707.11
170-180	245.82

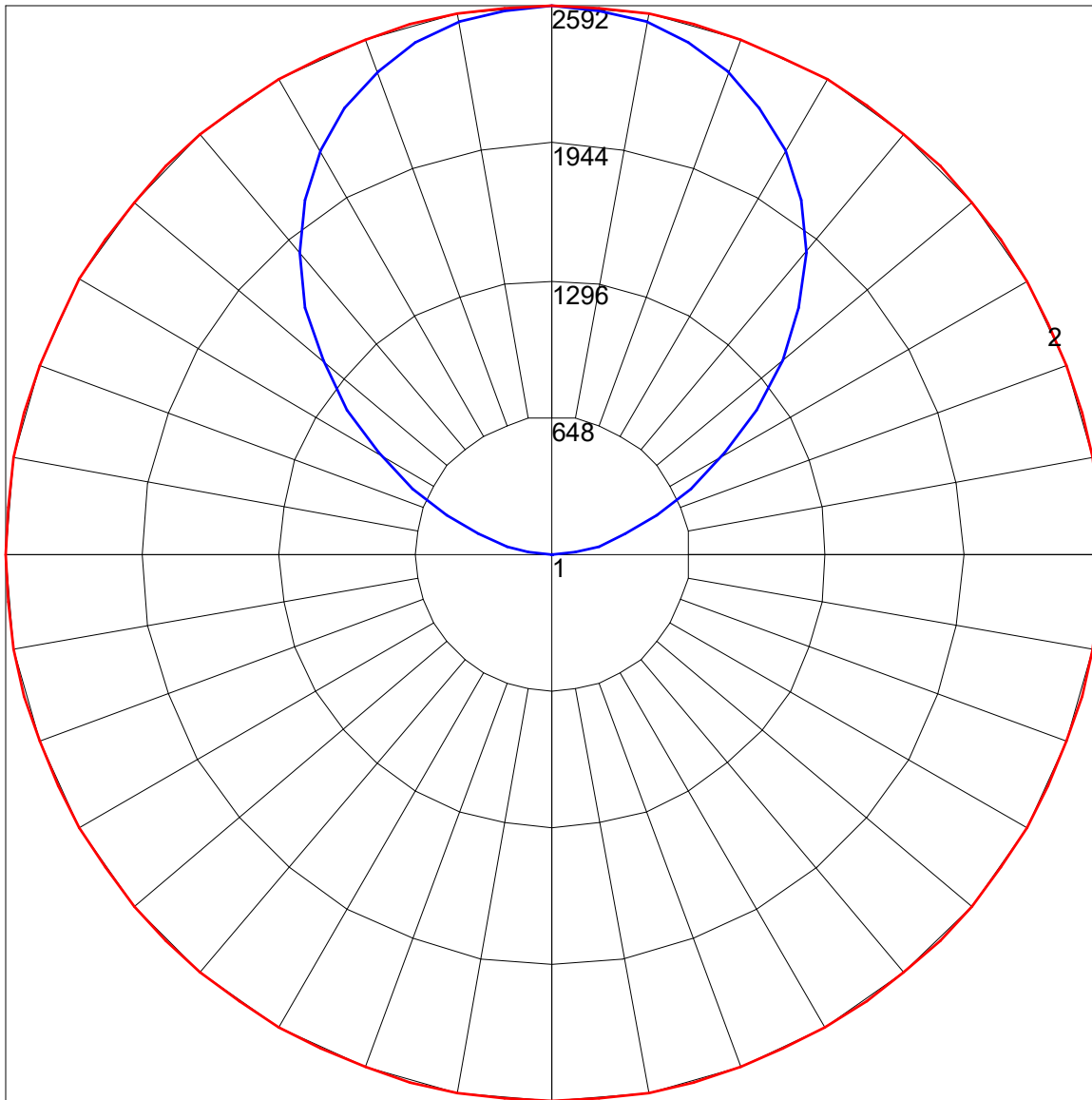
**IES INDOOR REPORT**  
**PHOTOMETRIC FILENAME : VODE\_707\_Z3\_HO\_359\_U2.IES**

**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	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 = 2591.6 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.)