

IES Report

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

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

	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	135	140	143	143
Total Lumens, 4' rail length (1219mm)	2009	2073	2115	2115
Lumens per foot (305mm)	502	518	529	529
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_Z3_LO_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-LO-35-U2-AL

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

[MORE] 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	2115
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	142
Total Luminaire Watts	14.89
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>
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	34.22	34.22	33.64	33.64	33.06	32.48	31.90	31.32	30.74	29.58
100	67.28	67.28	67.28	67.28	66.70	66.70	66.12	65.54	65.54	64.96
105	110.20	110.20	110.20	110.20	110.20	110.20	110.20	110.20	110.20	110.20
110	161.82	161.82	162.40	162.40	162.40	162.98	162.98	163.56	164.14	164.14
115	222.14	222.14	222.72	222.72	223.30	223.88	224.46	225.04	225.62	226.78
120	290.00	290.00	290.00	290.58	291.16	291.74	292.90	294.06	295.22	295.80
125	361.92	361.92	362.50	363.08	363.66	364.82	365.40	366.56	368.30	369.46
130	435.00	435.00	435.58	436.16	436.74	437.90	439.06	440.22	441.38	443.12
135	505.18	505.18	505.76	506.34	506.92	508.08	508.66	509.82	510.98	512.72
140	568.98	568.98	568.98	570.14	570.72	571.30	571.88	573.04	574.20	575.36
145	624.66	625.24	625.24	625.82	625.82	626.40	627.56	628.14	628.72	629.88
150	672.22	672.22	672.22	672.22	672.80	673.38	673.96	673.96	674.54	675.12
155	710.50	710.50	710.50	710.50	711.08	711.08	711.66	712.24	712.24	712.82
160	741.24	741.24	741.24	741.24	741.82	741.82	741.82	741.82	741.82	742.40
165	764.44	764.44	764.44	764.44	764.44	764.44	764.44	764.44	764.44	764.44
170	780.10	780.10	780.10	780.10	780.10	780.10	780.10	780.10	780.10	780.68
175	788.80	788.80	789.38	788.80	788.80	788.80	789.38	789.38	788.80	789.38
180	791.12	791.12	791.12	791.12	791.12	791.12	791.12	791.12	791.12	791.12

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>
0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
5	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
15	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
35	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

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CANDELA TABULATION - (Cont.)

65	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
75	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
85	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	29.00	27.84	27.26	26.10	25.52	24.36	23.78	23.78	23.20
100	64.38	63.80	63.22	62.64	62.06	61.48	60.90	60.32	60.32
105	110.20	109.62	109.62	109.62	109.04	109.04	109.04	108.46	108.46
110	164.72	164.72	165.30	165.30	165.88	165.88	165.88	165.88	165.88
115	227.36	227.94	229.10	229.68	230.26	230.26	230.84	230.84	230.84
120	296.96	298.12	299.28	300.44	301.02	302.18	302.18	302.76	302.76
125	370.62	372.36	373.52	374.68	375.84	377.00	377.58	377.58	377.58
130	444.28	445.44	447.18	448.34	449.50	450.66	450.66	451.24	451.24
135	513.88	515.04	516.20	517.36	518.52	519.10	519.68	520.26	519.68
140	576.52	577.10	578.26	579.42	580.00	580.58	581.16	581.16	581.16
145	630.46	631.04	632.20	632.20	632.78	633.36	633.36	633.94	633.94
150	675.70	676.28	676.86	677.44	677.44	678.02	678.02	678.02	678.02
155	712.82	713.40	713.40	713.40	713.98	713.98	713.98	713.98	713.98
160	742.40	742.98	742.98	742.98	742.98	742.98	742.98	742.98	743.56
165	765.02	765.02	765.02	765.02	765.02	765.02	765.02	765.60	765.02
170	780.68	780.10	780.68	780.68	780.68	780.68	780.68	780.68	780.10
175	789.38	789.38	789.38	789.38	789.38	789.38	789.38	789.38	789.38
180	791.12	791.12	791.12	791.12	791.12	791.12	791.12	791.12	791.12

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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	151.68	N.A.	7.20
90-120	377.72	N.A.	17.90
90-130	708.36	N.A.	33.50
90-150	1496.02	N.A.	70.70
90-180	2115.09	N.A.	100.00
110-180	1963.4	N.A.	92.80
0-180	2115.09	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	33.48
100-110	118.20
110-120	226.03
120-130	330.64
130-140	394.53
140-150	393.13
150-160	328.18
160-170	215.85
170-180	75.04

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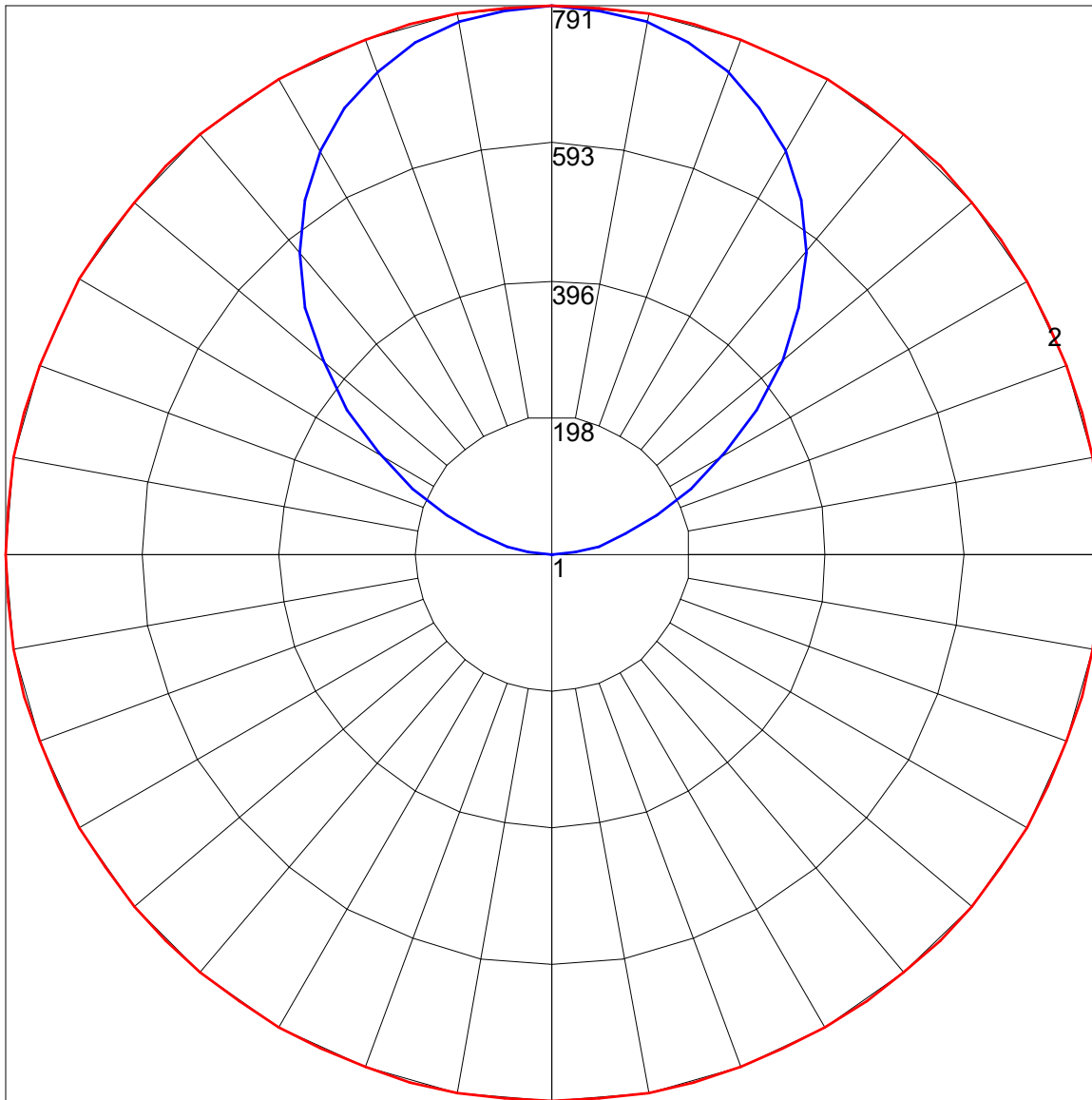
PHOTOMETRIC FILENAME : VODE_707_Z3_LO_35_U2.IES

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 = 791.12 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.)