

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	129	133	136	139
Total Lumens, 4' rail length (1219mm)	6890	7108	7253	7398
Lumens per foot (305mm)	1723	1777	1813	1850
Input Power (W), 4' rail length (1219mm)	53.6	53.6	53.6	53.6
Watts per foot (305mm)	13.4	13.4	13.4	13.4
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_Z3_SO_35_U2.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L091700109 (SOURCE REPORT FOR REFERENCE)
[TESTLAB] REPORT BASED ON DATA PRODUCED BY NVLAP ACCREDITED LAB
[ISSUEDATE] 11/1/2017
[MANUFAC] Vode Lighting
[LUMCAT] 707-Z3-48-Z-SO-35-U2
[LUMINAIRE] ZipThree LED, 48", 3500K, 80 CRI, zipper board,
[MORE] symmetric w/edge glow up, standard output
[TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	3817
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	145
Total Luminaire Watts	26.28
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)	3.96 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	0.00	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	11.60	11.60	10.44	10.44	10.44	9.28	9.28	8.12	8.12	6.96
95	44.08	44.08	44.08	44.08	44.08	42.92	42.92	41.76	41.76	40.60
100	104.40	104.40	104.40	104.40	104.40	104.40	104.40	104.40	103.24	103.24
105	183.28	183.28	183.28	183.28	183.28	184.44	184.44	185.60	185.60	185.60
110	280.72	280.72	281.88	281.88	283.04	284.20	284.20	285.36	286.52	287.68
115	396.72	396.72	397.88	399.04	399.04	400.20	402.52	403.68	406.00	407.16
120	527.80	528.96	528.96	530.12	531.28	532.44	534.76	535.92	538.24	541.72
125	665.84	667.00	667.00	668.16	669.32	671.64	672.80	675.12	677.44	679.76
130	802.72	802.72	803.88	803.88	806.20	807.36	808.52	810.84	812.00	814.32
135	928.00	928.00	929.16	930.32	931.48	932.64	933.80	934.96	936.12	938.44
140	1039.36	1039.36	1040.52	1040.52	1041.68	1042.84	1044.00	1045.16	1046.32	1047.48
145	1134.48	1134.48	1135.64	1135.64	1136.80	1137.96	1137.96	1139.12	1140.28	1140.28
150	1215.68	1215.68	1215.68	1215.68	1216.84	1216.84	1218.00	1218.00	1218.00	1219.16
155	1280.64	1280.64	1280.64	1281.80	1281.80	1281.80	1282.96	1282.96	1282.96	1282.96
160	1332.84	1332.84	1332.84	1334.00	1334.00	1334.00	1334.00	1334.00	1334.00	1334.00
165	1372.28	1372.28	1372.28	1372.28	1372.28	1372.28	1372.28	1372.28	1372.28	1372.28
170	1400.12	1400.12	1400.12	1400.12	1398.96	1400.12	1400.12	1400.12	1400.12	1400.12
175	1415.20	1415.20	1415.20	1415.20	1415.20	1415.20	1415.20	1415.20	1415.20	1415.20
180	1419.84	1419.84	1419.84	1419.84	1419.84	1419.84	1419.84	1419.84	1419.84	1419.84

Vert. Horizontal Angles
 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

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VODE_707_Z3_SO_35_U2.IES

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	6.96	5.80	4.64	4.64	3.48	3.48	2.32	2.32	2.32
95	40.60	39.44	38.28	38.28	37.12	37.12	37.12	35.96	35.96
100	103.24	103.24	103.24	103.24	103.24	103.24	103.24	103.24	102.08
105	186.76	187.92	187.92	189.08	189.08	190.24	190.24	190.24	189.08
110	290.00	291.16	292.32	293.48	294.64	295.80	296.96	296.96	296.96
115	409.48	411.80	414.12	415.28	417.60	418.76	419.92	421.08	421.08
120	544.04	546.36	548.68	551.00	553.32	554.48	555.64	556.80	556.80
125	682.08	685.56	687.88	690.20	692.52	693.68	694.84	694.84	694.84
130	816.64	818.96	821.28	823.60	824.76	825.92	825.92	825.92	825.92
135	939.60	941.92	943.08	944.24	945.40	945.40	945.40	946.56	945.40
140	1048.64	1049.80	1049.80	1049.80	1050.96	1050.96	1050.96	1050.96	1050.96
145	1141.44	1141.44	1141.44	1141.44	1141.44	1141.44	1141.44	1141.44	1141.44
150	1219.16	1219.16	1219.16	1219.16	1219.16	1219.16	1219.16	1218.00	1218.00
155	1282.96	1282.96	1282.96	1282.96	1282.96	1282.96	1282.96	1281.80	1282.96
160	1334.00	1334.00	1334.00	1334.00	1334.00	1334.00	1334.00	1334.00	1334.00
165	1372.28	1372.28	1372.28	1372.28	1372.28	1372.28	1372.28	1372.28	1372.28
170	1400.12	1400.12	1400.12	1400.12	1400.12	1400.12	1400.12	1400.12	1400.12
175	1415.20	1415.20	1415.20	1415.20	1415.20	1415.20	1415.20	1415.20	1415.20
180	1419.84	1419.84	1419.84	1419.84	1419.84	1419.84	1419.84	1419.84	1419.84

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VODE_707_Z3_SO_35_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	1.91	N.A.	0.10
10-90	1.91	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	1.91	N.A.	0.10
90-110	254.04	N.A.	6.70
90-120	661.51	N.A.	17.30
90-130	1269.24	N.A.	33.20
90-150	2702.62	N.A.	70.80
90-180	3815.51	N.A.	100.00
110-180	3561.47	N.A.	93.30
0-180	3817.42	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	1.91
90-100	52.21
100-110	201.83
110-120	407.47
120-130	607.73
130-140	721.59
140-150	711.79
150-160	590.81
160-170	387.48
170-180	134.60

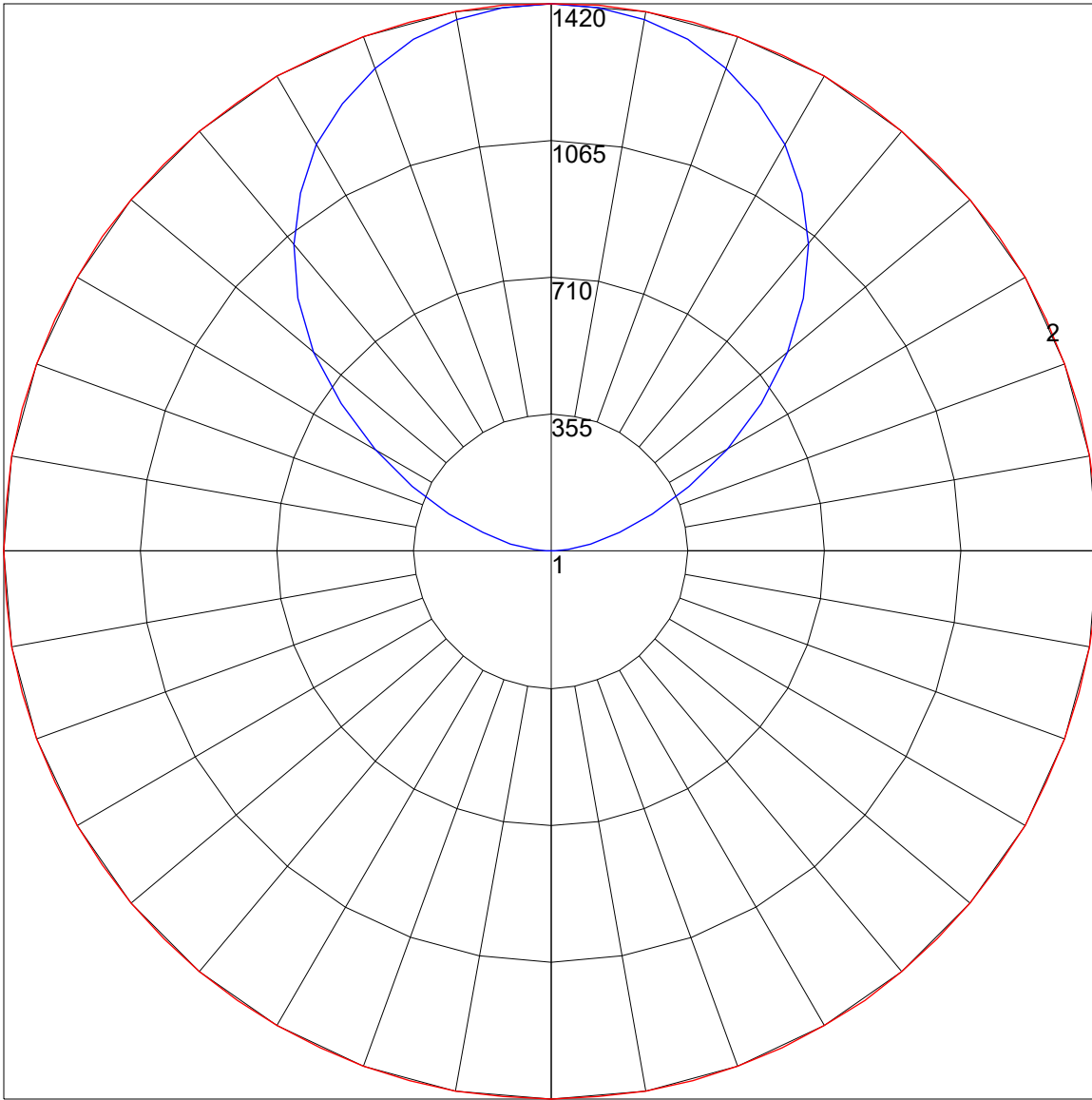
IES INDOOR REPORT
PHOTOMETRIC FILENAME : VODE_707_Z3_SO_35_U2.IES

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	
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 = 1419.84 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.)