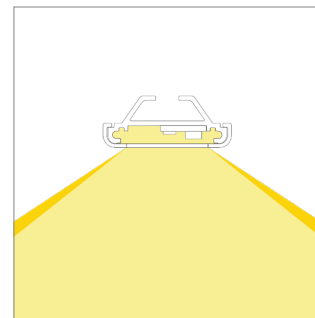
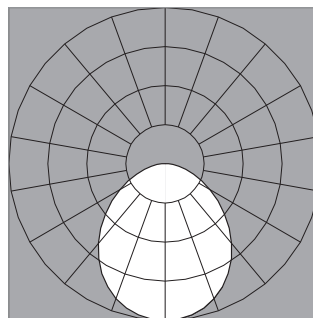




IES Report

ZipTwo® | 707 | Ceiling Cable | Micro 3508, High Lumen w/microbaffle | 80 CRI | LO

707-Z2-S-4-48-CC-XX-XX-XX-X-X-Z-LO-X-D4-WH-X

	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	117	121	124	124
Total Lumens, 4' rail length (1219mm)	1740	1795	1832	1832
Lumens per foot (305mm)	435	449	458	458
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_Z2_CC_LO_35_D4_WH.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002

[TEST] L121911535 (SOURCE REPORT FOR REFERENCE)

[TESTLAB] REPORT BASED ON DATA FROM NVLAP ACCREDITED LAB

[ISSUE DATE] 5/12/2021

[MANUFAC] Vode Lighting

[LUMCAT] 707-Z2-48-CC-Z-LO-35-D4-WH

[LUMINAIRE] ZipTwo LED, 48", ceiling cable suspended, 3500K, 80 CRI, zipper board, micro 3508,

[MORE] high lumen lens with microbaffle, low output, white painted finish

[TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1831
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	123
Total Luminaire Watts	14.89
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.22
Spacing Criterion (90-270)	1.12
Spacing Criterion (Diagonal)	1.24
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.08 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	22334	19831	17102
55	19592	16576	13663
65	16755	13790	11107
75	14371	11681	9222
85	15975	12552	8444

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VODE_707_Z2_CC_LO_35_D4_WH.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>
0	803.849	803.849	803.849	803.849	803.849	803.849	803.849	803.849	803.849	803.849
5	800.904	800.315	800.315	800.315	800.315	800.315	800.315	800.315	800.315	800.315
10	788.537	788.537	788.537	788.537	787.948	787.948	787.359	786.770	786.770	786.182
15	767.926	767.926	767.926	767.337	766.159	765.570	764.981	763.803	762.626	761.448
20	737.892	737.303	736.714	736.125	734.947	733.769	732.003	730.236	727.880	725.525
25	698.435	698.435	697.258	696.669	694.313	691.958	689.602	686.069	682.535	679.002
30	651.323	650.735	649.557	647.790	644.846	641.312	637.190	633.068	627.179	621.878
35	595.378	594.789	593.611	591.256	587.722	583.011	577.711	571.233	564.166	556.511
40	533.543	532.955	531.188	528.832	524.121	518.821	511.754	504.098	495.854	485.843
45	467.587	466.998	465.231	462.287	456.986	451.097	443.442	434.608	425.186	415.175
50	399.863	399.274	397.508	394.563	389.263	382.785	375.129	365.707	356.285	345.684
55	332.729	332.140	330.373	327.428	322.717	316.239	309.173	300.339	290.917	281.494
60	269.127	268.538	266.772	263.827	259.705	253.816	247.338	239.682	232.027	223.193
65	209.648	209.060	207.882	205.526	201.993	197.282	191.981	185.504	179.026	172.548
70	156.059	156.059	154.881	153.114	150.170	146.636	142.514	137.803	132.503	127.791
75	110.124	110.124	108.947	107.769	106.002	103.058	100.113	97.169	93.046	89.513
80	72.435	72.435	71.846	70.668	69.490	67.724	65.368	63.601	60.657	58.301
85	41.223	41.223	40.634	40.045	39.456	38.279	37.101	35.334	34.156	32.390
90	17.667	17.667	17.078	16.489	15.900	15.311	14.723	13.545	12.367	11.189
95	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

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	803.849	803.849	803.849	803.849	803.849	803.849	803.849	803.849	803.849
5	800.315	799.726	799.726	799.726	799.726	799.726	799.726	799.726	799.137
10	785.593	785.004	784.415	784.415	783.826	783.826	783.826	783.237	783.237
15	760.270	759.092	757.914	756.737	755.559	754.970	754.381	754.381	753.792
20	723.169	720.814	718.458	716.691	714.925	713.158	711.980	711.391	711.391
25	674.879	670.757	667.224	663.690	660.157	657.801	656.035	654.857	654.268
30	615.989	610.100	604.211	599.500	594.789	590.667	588.311	586.544	585.367
35	548.855	541.199	533.543	527.066	521.177	516.465	512.932	510.576	509.987
40	477.009	467.587	459.342	451.097	445.208	439.319	435.786	433.430	432.253
45	404.574	394.563	385.730	377.485	370.418	365.118	360.996	358.640	358.051
50	335.673	325.662	316.828	309.173	302.695	297.395	293.861	291.506	290.917
55	272.072	263.238	254.994	248.516	242.627	237.916	234.971	232.616	232.027
60	215.537	207.882	201.404	195.515	190.804	186.681	184.326	182.559	181.970

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : VODE_707_Z2_CC_LO_35_D4_WH.IES

CANDELA TABULATION - (Cont.)

65	165.481	159.592	154.292	149.581	146.047	143.103	140.747	139.569	138.980
70	123.080	118.369	114.247	110.713	107.769	105.413	103.646	102.469	102.469
75	85.979	83.035	80.090	77.146	75.379	73.613	71.846	71.257	70.668
80	55.946	53.590	51.823	49.468	48.290	46.523	45.345	44.756	44.756
85	30.623	29.445	27.678	26.501	25.323	24.145	22.967	22.378	21.789
90	10.600	9.422	8.245	7.067	5.889	4.711	4.122	2.945	2.356
95	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
100	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
105	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
110	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
115	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
120	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
125	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
130	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
135	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
140	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
145	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
150	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
155	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
160	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
165	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
170	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
175	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
180	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VODE_707_Z2_CC_LO_35_D4_WH.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	290.18	N.A.	15.80
0-30	601.52	N.A.	32.80
0-40	947.94	N.A.	51.80
0-60	1521.6	N.A.	83.10
0-80	1791.99	N.A.	97.80
0-90	1828.46	N.A.	99.80
10-90	1752.55	N.A.	95.70
20-40	657.76	N.A.	35.90
20-50	977.68	N.A.	53.40
40-70	747.00	N.A.	40.80
60-80	270.39	N.A.	14.80
70-80	97.05	N.A.	5.30
80-90	36.47	N.A.	2.00
90-110	3.00	N.A.	0.20
90-120	3.00	N.A.	0.20
90-130	3.00	N.A.	0.20
90-150	3.00	N.A.	0.20
90-180	3.00	N.A.	0.20
110-180	0.00	N.A.	0.00
0-180	1831.46	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	75.91
10-20	214.27
20-30	311.34
30-40	346.42
40-50	319.92
50-60	253.74
60-70	173.34
70-80	97.05
80-90	36.47
90-100	3.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

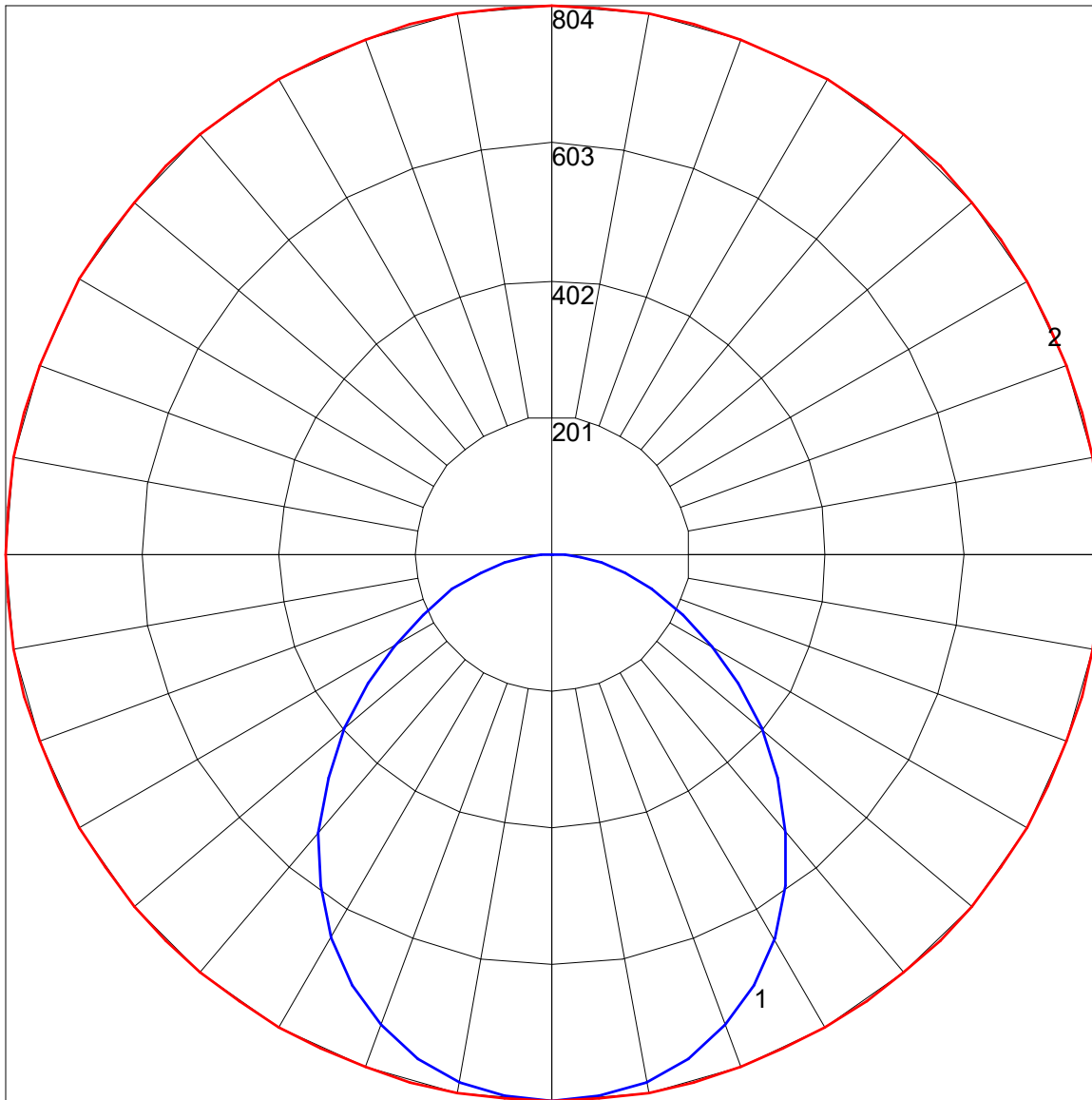
IES INDOOR REPORT
PHOTOMETRIC FILENAME : VODE_707_Z2_CC_LO_35_D4_WH.IES

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	109	105	101	97	107	103	99	96	98	95	93	94	92	90	91	89	87	85
2	100	92	86	81	98	91	85	80	87	82	78	84	80	76	81	77	74	72
3	92	82	74	68	90	81	73	68	78	71	66	75	70	65	72	68	64	62
4	85	73	65	59	82	72	64	58	70	63	57	67	61	57	65	60	56	54
5	78	66	58	51	76	65	57	51	63	56	50	61	55	50	59	54	49	47
6	73	60	51	45	71	59	51	45	57	50	45	55	49	44	54	48	44	42
7	68	55	46	40	66	54	46	40	52	45	40	51	44	40	49	44	39	37
8	63	50	42	36	62	49	42	36	48	41	36	47	40	36	46	40	35	34
9	59	46	38	33	58	46	38	33	44	37	33	43	37	32	42	37	32	31
10	55	43	35	30	54	42	35	30	41	34	30	40	34	30	39	34	30	28

POLAR GRAPH



Maximum Candela = 803.849 Located At Horizontal Angle = 0, Vertical Angle = 0
1 - Vertical Plane Through Horizontal Angles (0 - 180)
2 - Horizontal Cone Through Vertical Angle (0) (Through Max. Cd.)