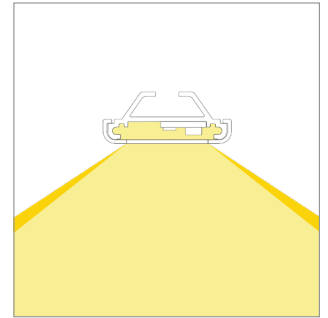
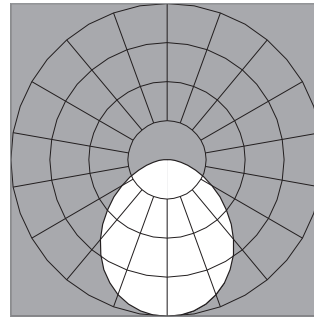




IES Report

ZipTwo® | 707 | Ceiling Cable | Micro 3508, High Lumen w/microbaffle | 90 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	101	104	107	108
Total Lumens, 4' rail length (1219mm)	1500	1547	1579	1595
Lumens per foot (305mm)	375	387	395	399
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	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_Z2_CC_LO_359_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-359-D4-WH

[LUMINAIRE] ZipTwo LED, 48", ceiling cable suspended, 3500K, 90 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	1579
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	106
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	19255	17096	14744
55	16891	14290	11779
65	14444	11888	9575
75	12389	10070	7950
85	13772	10821	7280

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VODE_707_Z2_CC_LO_359_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	693.011	693.011	693.011	693.011	693.011	693.011	693.011	693.011	693.011	693.011
5	690.472	689.964	689.964	689.964	689.964	689.964	689.964	689.964	689.964	689.964
10	679.810	679.810	679.810	679.810	679.303	679.303	678.795	678.287	678.287	677.780
15	662.041	662.041	662.041	661.533	660.518	660.010	659.502	658.487	657.472	656.456
20	636.148	635.640	635.133	634.625	633.610	632.594	631.071	629.548	627.517	625.486
25	602.132	602.132	601.117	600.609	598.578	596.548	594.517	591.471	588.424	585.378
30	561.516	561.009	559.993	558.470	555.932	552.885	549.331	545.778	540.701	536.131
35	513.285	512.777	511.762	509.731	506.685	502.623	498.054	492.469	486.377	479.777
40	459.976	459.469	457.945	455.915	451.853	447.284	441.191	434.591	427.483	418.853
45	403.114	402.606	401.083	398.545	393.975	388.898	382.298	374.683	366.559	357.929
50	344.728	344.221	342.698	340.159	335.590	330.005	323.405	315.282	307.159	298.020
55	286.851	286.343	284.820	282.281	278.220	272.635	266.543	258.927	250.804	242.681
60	232.019	231.511	229.988	227.450	223.896	218.819	213.234	206.634	200.034	192.418
65	180.741	180.234	179.218	177.187	174.141	170.080	165.510	159.926	154.341	148.756
70	134.541	134.541	133.525	132.002	129.464	126.417	122.863	118.802	114.233	110.171
75	94.940	94.940	93.925	92.909	91.386	88.848	86.309	83.771	80.217	77.170
80	62.447	62.447	61.939	60.924	59.909	58.386	56.355	54.832	52.293	50.262
85	35.539	35.539	35.031	34.524	34.016	33.001	31.985	30.462	29.447	27.924
90	15.231	15.231	14.723	14.216	13.708	13.200	12.693	11.677	10.662	9.646
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	693.011	693.011	693.011	693.011	693.011	693.011	693.011	693.011	693.011
5	689.964	689.457	689.457	689.457	689.457	689.457	689.457	689.457	688.949
10	677.272	676.764	676.256	676.256	675.749	675.749	675.749	675.241	675.241
15	655.441	654.425	653.410	652.395	651.379	650.871	650.364	650.364	649.856
20	623.456	621.425	619.394	617.871	616.348	614.825	613.809	613.302	613.302
25	581.824	578.270	575.224	572.178	569.132	567.101	565.578	564.562	564.055
30	531.054	525.977	520.900	516.839	512.777	509.223	507.192	505.669	504.654
35	473.176	466.576	459.976	454.392	449.315	445.253	442.207	440.176	439.668
40	411.237	403.114	396.006	388.898	383.821	378.744	375.698	373.667	372.652
45	348.790	340.159	332.544	325.436	319.343	314.774	311.220	309.189	308.682
50	289.389	280.758	273.143	266.543	260.958	256.389	253.342	251.312	250.804
55	234.557	226.942	219.834	214.249	209.172	205.111	202.572	200.542	200.034
60	185.818	179.218	173.633	168.556	164.495	160.941	158.910	157.387	156.879

IES INDOOR REPORT
 PHOTOMETRIC FILENAME : VODE_707_Z2_CC_LO_359_D4_WH.IES

CANDELA TABULATION - (Cont.)

65	142.664	137.587	133.017	128.956	125.910	123.371	121.340	120.325	119.817
70	106.109	102.048	98.494	95.448	92.909	90.878	89.355	88.340	88.340
75	74.124	71.586	69.047	66.509	64.986	63.463	61.939	61.432	60.924
80	48.232	46.201	44.678	42.647	41.631	40.108	39.093	38.585	38.585
85	26.400	25.385	23.862	22.847	21.831	20.816	19.800	19.293	18.785
90	9.139	8.123	7.108	6.092	5.077	4.062	3.554	2.539	2.031
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_359_D4_WH.IES****ZONAL LUMEN SUMMARY**

Zone	Lumens	%Lamp	%Fixt
0-20	250.17	N.A.	15.80
0-30	518.58	N.A.	32.80
0-40	817.23	N.A.	51.80
0-60	1311.8	N.A.	83.10
0-80	1544.9	N.A.	97.80
0-90	1576.35	N.A.	99.80
10-90	1510.9	N.A.	95.70
20-40	567.07	N.A.	35.90
20-50	842.88	N.A.	53.40
40-70	644.00	N.A.	40.80
60-80	233.11	N.A.	14.80
70-80	83.67	N.A.	5.30
80-90	31.44	N.A.	2.00
90-110	2.59	N.A.	0.20
90-120	2.59	N.A.	0.20
90-130	2.59	N.A.	0.20
90-150	2.59	N.A.	0.20
90-180	2.59	N.A.	0.20
110-180	0.00	N.A.	0.00
0-180	1578.93	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	65.45
10-20	184.72
20-30	268.41
30-40	298.65
40-50	275.81
50-60	218.75
60-70	149.44
70-80	83.67
80-90	31.44
90-100	2.59
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

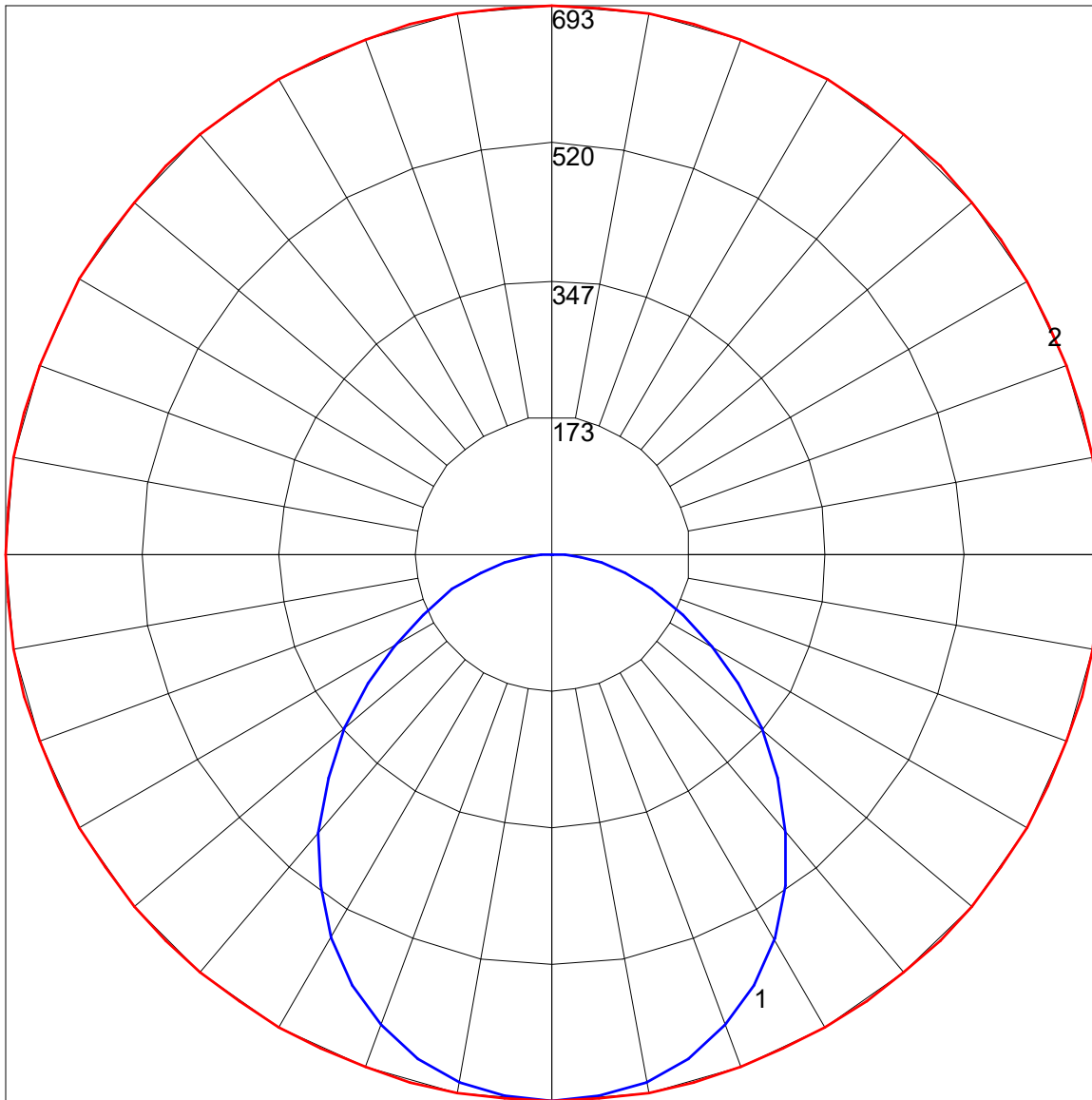
PHOTOMETRIC FILENAME : VODE_707_Z2_CC_LO_359_D4_WH.IES

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	80	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	57	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	30
10	55	43	35	30	54	42	35	30	41	34	30	40	34	30	39	34	30	28

POLAR GRAPH



Maximum Candela = 693.011 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.)