

IES Report

ZipTwo® | 707 | Ceiling Cable | Square 3520, Critical Edge | 80 CRI | SO

707-Z2-S-4-48-CC-XX-XX-XX-X-X-Z-SO-X-F5-BL-X

	2700K	3000K	3500K	4000K
Efficacy - Lumens per Watt	57	59	60	60
Total Lumens, 4' rail length (1219mm)	1472	1519	1550	1550
Lumens per foot (305mm)	368	380	387	387
Input Power (W), 4' rail length (1219mm)	26.1	26.1	26.1	26.1
Watts per foot (305mm)	6.6	6.6	6.6	6.6
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_SO_35_F5_BL.IES

DESCRIPTION INFORMATION (From Photometric File)

IESNA:LM-63-2002
[TEST] L102012301 (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-SO-35-F5-BL
[LUMINAIRE] ZipTwo LED, 48", ceiling cable suspended, 3500K, 80 CRI, zipper board,
[MORE] square 3520, critical edge, standard output, black anodized finish
[TEST PROCEDURE] IESNA:LM-79-08

CHARACTERISTICS

Lumens Per Lamp	N.A. (absolute)
Total Lamp Lumens	N.A. (absolute)
Luminaire Lumens	1550
Total Luminaire Efficiency	N.A.
Luminaire Efficacy Rating (LER)	59
Total Luminaire Watts	26.11
Ballast Factor	1.00
CIE Type	Direct
Spacing Criterion (0-180)	1.28
Spacing Criterion (90-270)	1.26
Spacing Criterion (Diagonal)	1.38
Basic Luminous Shape	Rectangular
Luminous Length (0-180)	0.13 ft
Luminous Width (90-270)	4.00 ft
Luminous Height	0.00 ft

LUMINANCE DATA (cd/sq.m)

Angle In Degrees	Average 0-Deg	Average 45-Deg	Average 90-Deg
45	10386	10266	10139
55	10052	9931	9789
65	9706	9569	9384
75	9489	9288	8994
85	10778	10255	9535

IES INDOOR REPORT
PHOTOMETRIC FILENAME : VODE_707_Z2_CC_SO_35_F5_BLI.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	527.320	527.320	527.320	527.320	527.320	527.320	527.320	527.320	527.320	527.320
5	526.009	525.910	525.879	525.910	525.849	525.780	525.819	525.849	525.780	525.819
10	519.874	519.935	519.905	519.844	519.844	519.844	519.684	519.623	519.493	519.463
15	509.464	509.433	509.433	509.365	509.235	509.144	508.915	508.405	508.184	508.153
20	494.001	494.031	493.940	493.841	493.681	493.361	493.041	492.690	492.248	491.958
25	474.323	474.201	473.973	473.912	473.653	473.333	472.822	472.311	472.029	471.290
30	450.111	449.860	449.860	449.700	449.349	448.648	448.458	447.589	447.269	446.507
35	421.754	421.723	421.594	421.205	420.794	420.184	419.803	419.102	418.561	417.821
40	389.936	389.906	389.685	389.334	388.915	388.435	387.924	387.253	386.613	385.851
45	355.123	354.994	354.902	354.674	354.224	353.843	353.241	352.570	352.022	351.031
50	317.620	317.750	317.620	317.300	316.919	316.599	316.089	315.517	314.846	314.176
55	278.784	278.654	278.593	278.365	278.083	277.603	277.122	276.581	276.002	275.431
60	238.918	238.918	238.857	238.568	238.316	237.928	237.447	237.005	236.426	235.855
65	198.352	198.321	198.260	198.001	197.811	197.559	197.110	196.660	196.149	195.547
70	158.174	157.983	157.953	157.755	157.503	157.214	156.802	156.383	155.903	155.392
75	118.758	118.819	118.659	118.568	118.308	118.026	117.668	117.196	116.777	116.235
80	80.813	80.783	80.684	80.523	80.302	80.013	79.632	79.281	78.862	78.451
85	45.421	45.421	45.322	45.200	44.972	44.690	44.430	44.049	43.600	43.219
90	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	527.320	527.320	527.320	527.320	527.320	527.320	527.320	527.320	527.320
5	525.689	525.689	525.620	525.750	525.689	525.719	525.719	525.689	525.689
10	519.104	519.333	519.364	519.173	519.074	519.043	519.043	519.013	518.914
15	507.734	507.772	507.543	507.322	507.132	506.941	506.842	506.903	506.591
20	491.577	491.288	490.838	490.518	490.236	490.076	489.916	489.687	489.725
25	470.719	470.239	469.888	469.469	468.989	468.676	468.478	468.356	468.387
30	445.867	445.326	444.716	444.144	443.695	443.314	442.963	442.833	442.772
35	417.219	416.450	415.840	415.207	414.598	414.178	413.858	413.607	413.508
40	385.112	384.479	383.870	383.199	382.620	382.208	381.858	381.568	381.698
45	350.429	349.728	349.118	348.508	347.937	347.487	347.037	346.816	346.687
50	313.536	312.735	312.065	311.585	310.914	310.502	310.182	309.893	309.954
55	274.729	273.990	273.449	272.908	272.397	271.917	271.658	271.468	271.498
60	235.314	234.605	234.003	233.492	233.012	232.562	232.181	231.960	231.892
65	194.999	194.396	193.726	193.147	192.575	192.346	191.965	191.836	191.775
70	154.790	154.180	153.670	153.060	152.489	152.039	151.787	151.559	151.528
75	115.755	115.146	114.544	113.964	113.522	113.042	112.753	112.623	112.562
80	77.940	77.391	76.911	76.340	75.959	75.478	75.189	74.998	74.998
85	42.769	42.289	41.877	41.428	41.047	40.727	40.437	40.247	40.186
90	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_SO_35_F5_BL.IES

ZONAL LUMEN SUMMARY

Zone	Lumens	%Lamp	%Fixt
0-20	193.36	N.A.	12.50
0-30	410.53	N.A.	26.50
0-40	671.86	N.A.	43.30
0-60	1188.9	N.A.	76.70
0-80	1505.17	N.A.	97.10
0-90	1549.87	N.A.	100.00
10-90	1499.89	N.A.	96.80
20-40	478.50	N.A.	30.90
20-50	749.34	N.A.	48.30
40-70	710.52	N.A.	45.80
60-80	316.27	N.A.	20.40
70-80	122.78	N.A.	7.90
80-90	44.71	N.A.	2.90
90-110	0.00	N.A.	0.00
90-120	0.00	N.A.	0.00
90-130	0.00	N.A.	0.00
90-150	0.00	N.A.	0.00
90-180	0.00	N.A.	0.00
110-180	0.00	N.A.	0.00
0-180	1549.87	N.A.	100.00

Total Luminaire Efficiency = N.A. %

ZONAL LUMEN SUMMARY

Zone	Lumens
0-10	49.98
10-20	143.38
20-30	217.17
30-40	261.33
40-50	270.83
50-60	246.21
60-70	193.49
70-80	122.78
80-90	44.71
90-100	0.00
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

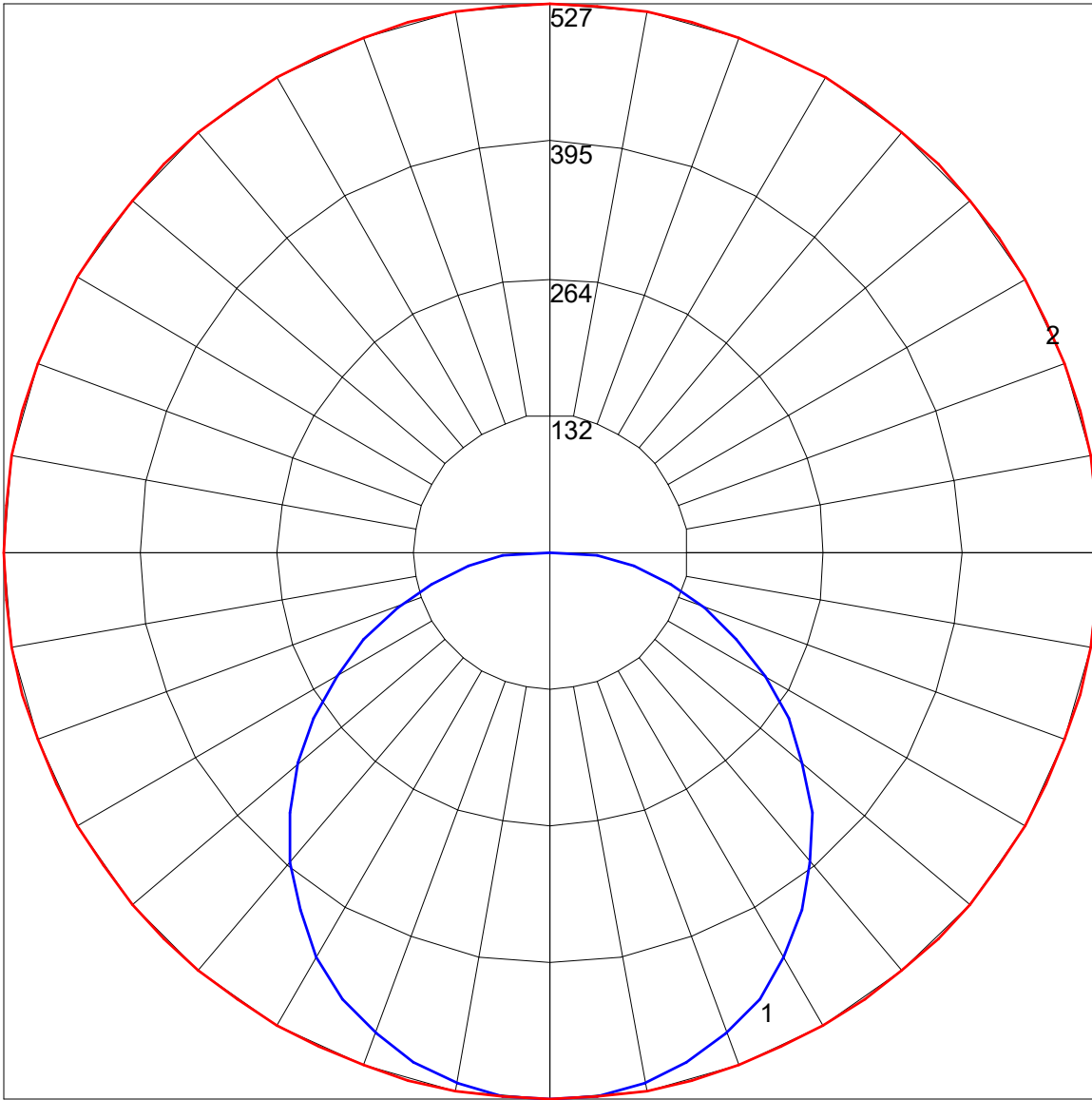
IES INDOOR REPORT
PHOTOMETRIC FILENAME : VODE_707_Z2_CC_SO_35_F5_BL.IES

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	119	119	119	119	116	116	116	116	111	111	111	106	106	106	102	102	102	100
1	108	103	99	94	105	101	97	93	96	93	90	93	90	87	89	87	85	82
2	98	89	82	76	95	88	81	75	84	78	74	81	76	72	78	74	70	68
3	89	78	70	63	87	77	69	63	74	67	62	71	65	60	68	64	59	57
4	82	69	60	53	79	68	60	53	65	58	52	63	57	52	61	55	51	49
5	75	62	53	46	73	61	52	46	59	51	45	57	50	45	55	49	44	42
6	69	56	47	40	67	55	46	40	53	45	39	51	44	39	50	43	39	37
7	64	50	42	35	62	50	41	35	48	40	35	47	40	35	45	39	34	32
8	60	46	37	31	58	45	37	31	44	36	31	43	36	31	42	35	31	29
9	56	42	34	28	54	42	34	28	40	33	28	39	33	28	38	32	28	26
10	52	39	31	26	51	38	31	26	37	30	25	36	30	25	36	30	25	23

POLAR GRAPH



Maximum Candela = 527.32 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.)