

Vode Rail Lengths

Overview of Vode Rail Length availability. Vode offers standard fixture lengths every 12", and also has the ability to offer custom rail lengths.

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Contents

Overview

Introduction	3	
Direct & Indirect Fixtures	3	

Vode Rail Lengths

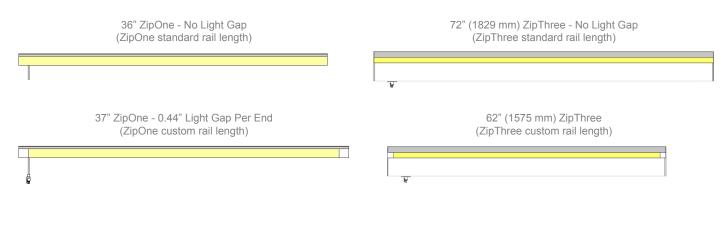
System 107	4-5
System 207	6-7
System 707 ZipOne / ZipTwo / Micro Profile	8-9
System 707 ZipTwo Square / Wedge	10-11
System 707 ZipThree	12
System 807	13
System 907	15

Introduction

This guide includes technical information to help you understand the different rail lengths Vode can supply. Vode has standard offerings of 24", 36", 48", 60", 72", 96", 108", 120", 132" and 144" length rails. The design and manufacturing process of Vode's fixtures allows for custom lengths to be specified. Vode offers rail lengths from 11" to 144".

Vode's LED boards allow for many fixture lengths to be fully illuminated. Some rail lengths will not be fully illuminated and have a light gap. This is when there is no light from the end of the fixture to the first LED. Vode configures LED boards so they are centered in the fixture. Any light gaps that occur will be evenly spaced on each end of the fixture as standard. Gapping can be consolidated at one end of the rail as well. Please contact factory. The following pages break down all the rail length options and highlight any gaps that may occur.

Examples shown below.



Direct & Indirect Fixtures

Indirect Light

For indirect lighting applications, a light gap is less noticeable. For lighting installations where the fixture is not seen, such as an indirect cove with ZipWave, we recommend using standard fixture lengths when possible, as the overlapping light output between fixtures compensates for spacing between them. For non-standard length direct/indirect fixtures, such as our 207 BoxRail, any gapping for the indirect portion is typically not noticeable. Depending on how close the fixture is suspended from the ceiling, the light output from the start of one fixture to the next will fill in resulting in minimal gapping.

Direct Light

For direct lighting, a light gap may be visible for some non-standard fixture lengths. When the fixture is turned on a predetermined portion on **both ends** of the fixture will not be illuminated. Please reference the system specific guide on the following pages to locate the gap size according to fixture length.

System 107

BoxRail, RaceRail, and WingRail are offered in rail lengths up to 72" DoubleBox and DoubleRace are offered in rail lengths up to 96"

Rail Length (in)	Light Gap (in) (Zipper Board) (per rail end)	Light Gap (in) (Button Board) (per rail end)
11		
12		
13	0.5	1
14		
15		1
16	0.5	2
17	1	3
18	1.5	4
19	2	5
20		6
21		7
22	0.5	
23		1
24	Standard R	ail Length
25	0.5	1
26		
27		1
28	0.5	2
29		3
30		4
31	0.5	5
32		
33		1
34	0.5	
	0.5	1
34		
34 35		
34 35 36	Standard R	ail Length
34 35 36 37	Standard R 0.5	tail Length
34 35 36 37 38	 Standard R 0.5 	tail Length 1
34 35 36 37 38 39	 Standard R 0.5 	tail Length 1 1
34 35 36 37 38 39 40	 Standard R 0.5 0.5	ail Length 1 1 1 2
34 35 36 37 38 39 40 41	 Standard R 0.5 0.5 	tail Length 1 1 2 3
34 35 36 37 38 39 40 41 41	 Standard R 0.5 0.5 	Length 1 1 2 3 3
34 35 36 37 38 39 40 41 41 42 43	 Standard R 0.5 0.5 0.5	Length 1 1 2 3 3
34 35 36 37 38 39 40 41 42 43 43	 Standard R 0.5 0.5 0.5 0.5 	1 1 1 2 3 1 1 1 1 1 1 1 1
34 35 36 37 38 39 40 41 41 42 43 43 44	Standard R 0.5 0.5 0.5 0.5 0.5 0.5 0.5	Length 1 1 2 3 1 1 1 1 1 1 1 1 1 1
34 35 36 37 38 39 40 41 42 43 43 44 45 46	Standard R 0.5 0.5 0.5 0.5 0.5 0.5	1 1 1 2 3 1 1 1 1 1 1 1 1 1 1 1
34 35 36 37 38 39 40 41 42 43 43 44 45 46 47	Standard R 0.5	1 1 1 2 3 1 1 1 1 1 1 1 1 1 1 1
34 35 36 37 38 39 40 41 41 42 43 44 43 44 45 46 47 48	Standard R 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5 0.5	tail Length 1 1 2 3 1 1 1 1 1 1 1 1 1 tail Length

Rail Length (in)	Light Gap (in) (Zipper Board) (per rail end)	Light Gap (in) (Button Board) (per rail end)
52	0.5	
53		1
54		
55	0.5	1
56		
57		1
58	0.5	
59		1
60	Standard R	ail Length
61	0.5	1
62		
63		1
64	0.5	
65		1
66		
67	0.5	1
68		
69		1
70		
71		1
72	Standard R	ail Length
73		1
74		
75		1
76	0.5	
70	0.0	
78		1
77		1
77 78		1
77 78 79	 0.5	1 1
77 78 79 80	 0.5	1 1
77 78 79 80 81	 0.5 	1 1 1
77 78 79 80 81 82	 0.5 	1 1 1
77 78 79 80 81 82 83	 0.5 0.5 	1 1 1 1
77 78 79 80 81 82 83 83 84	 0.5 0.5 	1 1 1 1
77 78 79 80 81 82 83 83 84 85	 0.5 0.5 0.5	1 1 1 1 1
77 78 79 80 81 82 83 83 84 85 86	 0.5 0.5 0.5 0.5 	1 1 1 1 1 1
77 78 79 80 81 82 83 83 84 85 86 86 87	 0.5 0.5 0.5 0.5 	1 1 1 1 1 1 1
77 78 79 80 81 82 83 83 84 85 86 86 87 88	 0.5 0.5 0.5 0.5 0.5 0.5	1 1 1 1 1 1 1 1
77 78 79 80 81 82 83 83 84 85 86 85 86 85 86 87 88 88	 0.5 0.5 0.5 0.5 0.5 	1 1 1 1 1 1 1 1 1 1 1

Rail Length (in)	Light Gap (in) (Zipper Board) (per rail end)	Light Gap (in) (Button Board) (per rail end)
93		1
94	0.5	
95		1
96	Standard F	Rail Length

Rail Length (in)	Light Gap Downlight (in) (Zipper Board) (per rail end)	Light Gap Uplight (in) (Zipper Board) (per rail end)	Rail Len	gth (in) Light Gap Downlight (in) (Zipper Board) (per rail end)	Light Gap Uplight (in) (Zipper Board) (per rail end)
24	Standard F	ail Length	67	0.33	0.5
25	0.33	0.5	68	0.83	1
26	0.83	1	69	9	
27	1.33		70	0.33	0.5
28	0.33	0.5	71	1 0.83	
29	0.83	1	72	2 Standar	d Rail Length
30			73	3 0.33	0.5
31	0.33	0.5	74	4 0.83	
32	0.83	1	75	5	
33			76	6 0.33	0.5
34	0.33	0.5	77	7 0.83	1
35	0.83	1	78	3	
36	Standard R	ail Length	79	0.33	0.5
37	0.33	0.5	80	0.83	1
38	0.83	1	81	1 1.33	
39			82	2 0.33	0.5
40	0.33	0.5	83	3 0.83	1
41	0.83	1	84	1.33	
42			85		0.5
43	0.33	0.5	86		1
44	0.83	1	87		
45			88	3 0.35	0.5
46	0.33	0.5	89	9 0.85	1
47	0.83	1	90)	
48	Standard F	ail Length	91	1 0.85	0.5
49	0.33	0.5	92	2 0.85	1
50	0.83	1	93	3	
51			94	4 0.33	0.5
52	0.33	0.5	95	5 0.83	1
53	0.83	1	96	5 Standar	d Rail Length
54			97	7 0.33	0.5
55	0.33	0.5	98	0.83	1
56	0.83	1	99	9 1.33	
57			10	0 1.83	0.5
58	0.33	0.5	10	1 2.33	1
59	0.83	1	10	2 2.83	1.5
60	Standard F	Rail Length	10	3 3.33	2
61	0.33	0.5	10	4 3.83	2.5
62	0.83		10	5 4.33	3
63			10	6 0.37	3.5
64	0.33	0.5	10	7 0.87	4
65	0.83	1	10	8	
66			10	9 0.37	0.5

Rail Length (in)	Light Gap Downlight (in) (Zipper Board) (per rail end)	Light Gap Uplight (in) (Button Board) (per rail end)
110	0.86	1
111		
112	0.36	0.5
113	0.86	1
114		
115	0.35	0.5
116	0.85	1
117		
118	0.33	0.5
119	0.83	
120	Standard R	ail Length
121	0.33	0.5
122	0.83	
123	1.33	
124	1.83	0.5
125	2.33	1
126	2.83	1.5
127	0.38	2
128	0.88	2.5
129	1.33	
130	0.37	0.5
131	0.87	1
132		
133	0.36	0.5
134	0.86	1
135		
136	0.36	0.5
137	0.86	1
138		
139	0.36	0.5
140	0.85	
141		
142	0.33	0.5
143		
144	Standard R	ail Length

System 707 | ZipOne | ZipTwo Micro 3508, Round 3515

Rail Length (in)	Light Gap (in) (Zipper Board) (per rail end)	Rail Length (in)	Light Gap (in) (Zipper Board) (per rail end)	Rail Length (in)	Light Gap (in) (Zipper Board) (per rail end)
9.25		49	0.44	90	
10	0.44	50	0.94	91	0.43
11	0.94	51		92	0.93
12		52	0.44	93	
13	0.44	53	0.94	94	0.43
14	0.94	54		95	0.93
15	1.44	55	0.44	96	Standard Rail
16	1.94	56	0.94	07	Length
17	2.44	57		97	0.41
18	2.94	58	0.44	98	0.91
19	0.44	59	0.94	99	1.41
20	0.94	60	Standard Rail	100	1.91
21			Length	101	2.41
22	0.44	61	0.44	102	2.91
23	0.94	62	0.94	103	3.41
24	Standard Rail	63		104	3.91
	Length	64	0.44	105	4.41
25	0.44	65	0.94	106	0.46
26	0.94	66		107	0.96
27	1.44	67	0.44	108	Standard Rai
28	0.44	68	0.94	109	Length 0.45
29	0.94	69		110	0.45
30		70	0.44	111	
31	0.44	71	0.94	112	0.44
32	0.94	72	Standard Rail	112	0.44
33		73	0.44	113	
34	0.44	73	0.94	114	
35	0.94				0.43
36	Standard Rail	75		116	0.93
27	0.44	76 77	0.44	117	0.42
37			0.94	118	
38 39	0.94	78 79	0.44	119 120	0.92 Standard Rai
40	0.44			120	Length
		80	0.94	121	0.41
41	0.94	81	1.44	122	0.91
42		82 83	0.44	123	1.41
43	0.44			124	1.91
44	0.94	84 85	1.44	125	2.41
45			0.45	126	2.91
46	0.44	86	0.95	127	0.46
47	0.94 Standard Rail	87 88	0.44	128	0.96
48					

Rail Length (in)	Light Gap (in) (Zipper Board) (per rail end)
130	0.46
131	0.96
132	Standard Rail Length
133	0.45
134	0.95
135	
136	0.44
137	0.94
138	
139	0.43
140	0.93
141	
142	0.42
143	
144	Standard Rail Length

System 707 | ZipTwo Square 3520, 3535, 3535/30, 3555, 3570, 5020 & Wedge Peak, Slope

(Zipp (per 10 11 12 13 14 15 16 17	nt Gap (in) per Board) r rail end) 0.5 1 1.5 0.5 1	Rail Length (in) 50 51 52 53	Light Gap (in) (Zipper Board) (per rail end) 1 0.5	Rail Length (in) 91 92	Light Gap (in) (Zipper Board) (per rail end) 0.5 1
11 12 13 14 15 16 17	1 1.5 0.5	51 52			
12 13 14 15 16 17	1.5 0.5	52		92	1
13 14 15 16 17	0.5		0.5		
14 15 16 17		53	C.U	93	
15 16 17	1	00	1	94	0.5
16 17		54		95	1
17	1.5	55	0.5	96	Standard Rai
	2	56	1		Length
	2.5	57		97	0.5
18	3	58	0.5	98	1
19	0.5	59	1	99	1.5
20	1	60	Standard Rail	100	2
21	1.5		Length	101	2.5
22	0.5	61	0.5	102	3
23	1	62	1	103	3.5
24 Stan	ndard Rail	63		104	4
L	_ength	64	0.5	105	4.5
25	0.5	65	1	106	0.5
26	1	66		107	1
27	1.5	67	0.5	108	Standard Rai
28	0.5	68	1	400	Length
29	1	69		109	0.5
30	1.5	70	0.5	110	1
31	0.5	71	1	111	
32	1	72	Standard Rail	112	0.5
33		70	Length		1
34	0.5	73 74	0.5	114	
35	1		1	115	0.5
	ndard Rail	75		116	1
	_ength	76	0.5	117	
37	0.5	77	1	118	0.5
38	1	78		119	1 Standard Dai
39	1.5	79	0.5	120	Standard Rai Length
40	0.5	80	1	121	0.5
41	1	81	1.5	122	1
42		82	0.5	123	1.5
43	0.5	83	1	124	2
44	1	84	1.5	125	2.5
45		85	0.5	126	3
10	0.5	86	1	127	0.5
46	4	6 -			
47	1	87	1.5		
47 48 Sta n	1 ndard Rail ₋ength	87 88 89	1.5 0.5 1	128	1

System 707 | ZipTwo Square 3520, 3535, 3535/30, 3555, 3570, 5020 & Wedge Peak, Slope

Rail Length (in)	Light Gap (in) (Zipper Board) (per rail end)
131	1
132	Standard Rail Length
133	0.5
134	1
135	
136	0.5
137	1
138	
139	0.5
140	1
141	
142	0.5
143	1
144	Standard Rail Length

System 707 | ZipThree

Rail Length (in)	Light Gap (in) (Zipper Board) (per rail end)	Rail Length (in)	Light Gap (in) (Zipper Board) (per rail end)
10	0.33	50	0.83
11	0.83	51	
12	1.33	52	0.33
13	0.33	53	0.83
14	0.83	54	
15	1.33	55	0.33
16	1.83	56	0.83
17	2.33	57	
18	2.83	58	0.33
19	0.33	59	0.83
20	0.83	60	Standard Rail
21	1.33		Length
22	0.33	61	0.33
23	0.83	62	0.83
24	Standard Rail	63	
	Length	64	0.33
25	0.33	65	0.83
26	0.83	66	
27	1.33	67	0.33
28	0.33	68	0.83
29	0.83	69	
30	1.33	70	0.33
31	0.33	71	0.83
32	0.83	72	Standard Rail Length
33		73	0.33
34	0.33	74	0.83
35 36	0.83 Standard Rail	75	
30	Length	76	0.33
37	0.33	77	0.83
38	0.83	78	
39	1.33	79	0.33
40	0.33	80	0.83
41	0.83	81	1.33
42		82	0.33
43	0.33	83	0.83
44	0.83	84	1.33
45		85	0.36
46	0.33	86	0.86
47	0.83	87	1.36
48	Standard Rail	88	0.36
	Length	89	0.86
49	0.33	90	

Kan Lengtr (III) Light Gap (III) (Zipper Board) (per rail end) 91 0.36 92 0.86 93 94 0.35	95 96	0.85 Standard Rail Length
(Zipper Board) (per rail end) 91 0.36 92 0.86	94	0.35
(Zipper Board) (per rail end) 91 0.36	93	
(Zipper Board) (per rail end)	92	0.86
(Zipper Board)	91	0.36
Pail Longth (in) Light Can (in)	Rail Length (in)	(11)

Vode Rail Lengths Guide * ${\bf 12}$

System 807 | Nexa

Rail Length (in)					
	Light Gap (in) (Zipper Board) (per rail end)	Rail Length (in)	Light Gap (in) (Zipper Board) (per rail end)	Rail Length (in)	Light Gap (in) (Zipper Board) (per rail end)
9.25		49	0.44	90	Standard Rail
10	0.44	50			Length
11	0.94	51		91	
12		52		92	
13	0.44	53		93	
14	0.94	54		94	
15	1.44	55		95	
16	1.94	56		96	Standard Rai
17	2.44	57		07	Length
18	2.94	58		97	0.41
19	0.44	59		98	0.91
20	0.94	60	Standard Rail	99	1.41
21			Length	100	1.91
22	0.44	61		101	2.41
23		62		102	2.91
24	Standard Rail	63		103	3.41
24	Length	64		104	3.91
25	0.44	65		105	4.41
26	0.94	66		106	0.46
27	1.44	67		107	0.96
28	0.44	68		108	Standard Rai
29	0.94	69		109	Length 0.45
30				109	0.45
	Standard Rail	70		110	
	Length	70 71		110	
31				111	
	Length	71		111 112	
31	Length	71	 Standard Rail	111 112 113	
31 32	Length 0.44	71 72	Standard Rail Length	111 112 113 114	
31 32 33	Length 0.44 	71 72 73	Standard Rail Length	111 112 113 114 115	
31 32 33 34	Length 0.44 Standard Rail	71 72 73 74 75 76	 Standard Rail Length 	111 112 113 114 115 116	
31 32 33 34 35 36	Length 0.44 Standard Rail Length	71 72 73 74 75 76 77	Standard Rail Length 	111 112 113 114 115 116 117	
31 32 33 34 35 36 37	Length 0.44 Standard Rail Length 0.44	71 72 73 74 75 76 77 77 78	 Standard Rail Length 0.44 	111 112 113 114 115 116 117 118	
31 32 33 34 35 36 37 38	Length 0.44 Standard Rail Length 0.44 0.94	71 72 73 74 75 76 77	Standard Rail Length 0.44 	111 112 113 114 115 116 117 118 119	
31 32 33 34 35 36 37 38 39	Length 0.44 Standard Rail Length 0.44 0.94	71 72 73 74 75 76 77 78 79 80	 Standard Rail Length 0.44 0.44 0.94	111 112 113 114 115 116 117 118	 Standard Rai
31 32 33 34 35 36 37 38 39 40	Length 0.44 Standard Rail Length 0.44 0.94 0.44	71 72 73 74 75 76 77 78 79	 Standard Rail Length 0.44 0.44	111 112 113 114 115 116 117 118 119 120	 Standard Rai Length
31 32 33 34 35 36 37 38 39 40 41	Length 0.44 Standard Rail Length 0.44 0.94 0.44 	71 72 73 74 75 76 77 78 79 80 81 82	Standard Rail Length	111 112 113 114 115 116 117 118 119 120 121	 Standard Rai Length
31 32 33 34 35 36 37 38 39 40 41 41	Length 0.44 Standard Rail Length 0.44 0.94 0.44 0.44	71 72 73 74 75 76 77 78 79 80 81	 Standard Rail Length 0.44 0.44 0.94 0.94 1.44	111 112 113 114 115 116 117 118 119 120 121 122	 Standard Rai Length 0.41 0.91
31 32 33 34 35 36 37 38 39 40 41 42 43	Length 0.44 Standard Rail Length 0.44 0.94 0.44 0.44	71 72 73 74 75 76 77 78 79 80 81 82	Standard Rail Length	111 112 113 114 115 116 117 118 119 120 121 122 123	
31 32 33 34 35 36 37 38 39 40 41 41 42 43 44	Length 0.44 0.44 0.44 0.94 0.44 0.94 0.94 0.94 0.94 0.94	71 72 73 74 75 76 76 77 78 79 80 81 81 82 83	 Standard Rail Length 0.44 0.44 0.94 1.44 0.94 1.44 0.94	111 112 113 114 115 116 117 118 119 120 121 122 123 124	
31 32 33 34 35 36 37 38 39 40 41 41 42 43 44	Length 0.44 Standard Rail Length 0.44 0.94 0.44 0.44	71 72 73 74 75 76 76 77 78 79 80 81 81 82 83 83 84	Standard Rail Length	 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 	
31 32 33 34 35 36 37 38 39 40 41 42 43 42 43 44 45 46	Length 0.44 0.44 0.44 0.94 0.44 0.94 0.94 0.94 0.94 0.94	71 72 73 74 75 76 76 77 78 79 80 81 81 82 83 83 84 84	Standard Rail Length	 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 126 	
31 32 33 34 35 36 37 38 39 40 41 41 42 43 44	Length 0.44 Standard Rail 0.44 0.94 0.44 0.44 	71 72 73 74 75 76 76 77 78 79 80 81 81 82 83 83 84 85 86	Standard Rail Length	 111 112 113 114 115 116 117 118 119 120 121 122 123 124 125 	

Rail Length (in)	Light Gap (in) (Zipper Board) (per rail end)
130	0.46
131	
132	Standard Rail Length
133	
134	
135	
136	
137	
138	
139	
140	
141	
142	
143	
144	Standard Rail Length

System 907 | BoxRail

il Length (in)	Light Gap (in) (Zipper Board) (per rail end)	Light Gap (in) (Button Board) (per rail end)	Rail Length (in)	Light Gap (in) (Zipper Board) (per rail end)	Light Gap (ir (Button Boar (per rail end
9.25			53	0.94	0.6
10	0.44		54		
11	0.94	0.5	55	0.44	0.6
12			56	0.94	
13	0.44	0.5	57		0.6
14	0.94	1	58	0.44	
15	1.44	1.5	59	0.94	0.6
16	1.94	2	60		Rail Length
17	2.44	2.5	61	0.44	0.6
18	2.94	3	62	0.94	
19	0.44	3.5	63		0.7
20	0.94		64	0.44	
20	0.94	0.5	65	0.94	0.7
22 23	0.44	0.5	66 67	0.44	0.7
24		Rail Length	68	0.94	
25	0.44	0.5	69		0.7
26	0.94	1	70	0.44	
27	1.44	1.5	71	0.94	0.7
28	0.44	2	72		Rail Length
29	0.94	2.5	73	0.44	0.7
30			74	0.94	
31	0.44	0.5	75		0.7
32	0.94		76	0.44	
33		0.5	77	0.94	0.7
34	0.44		78		
35	0.94	0.5	79	0.44	0.7
36	Standard I	Rail Length	80	0.94	
37	0.44	0.5	81	1.44	0.7
38	0.94	1	82	0.44	
39		1.5	83	0.94	0.7
40	0.44		84	0	
41	0.94	0.6	85	0.5	0.7
42			86	1	
43	0.44	0.6	87		0.8
44	0.94		88	0.49	
45		0.6	89	1	0.8
46	0.44		90		
47	0.94	0.6	91	0.47	0.8
48	Standard I	Rail Length	92	0.94	
49	0.44	0.6	93		0.8
50	0.94		94	0.44	
51		0.6	95	0.94	0.8