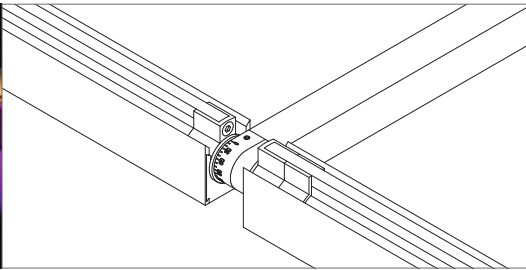
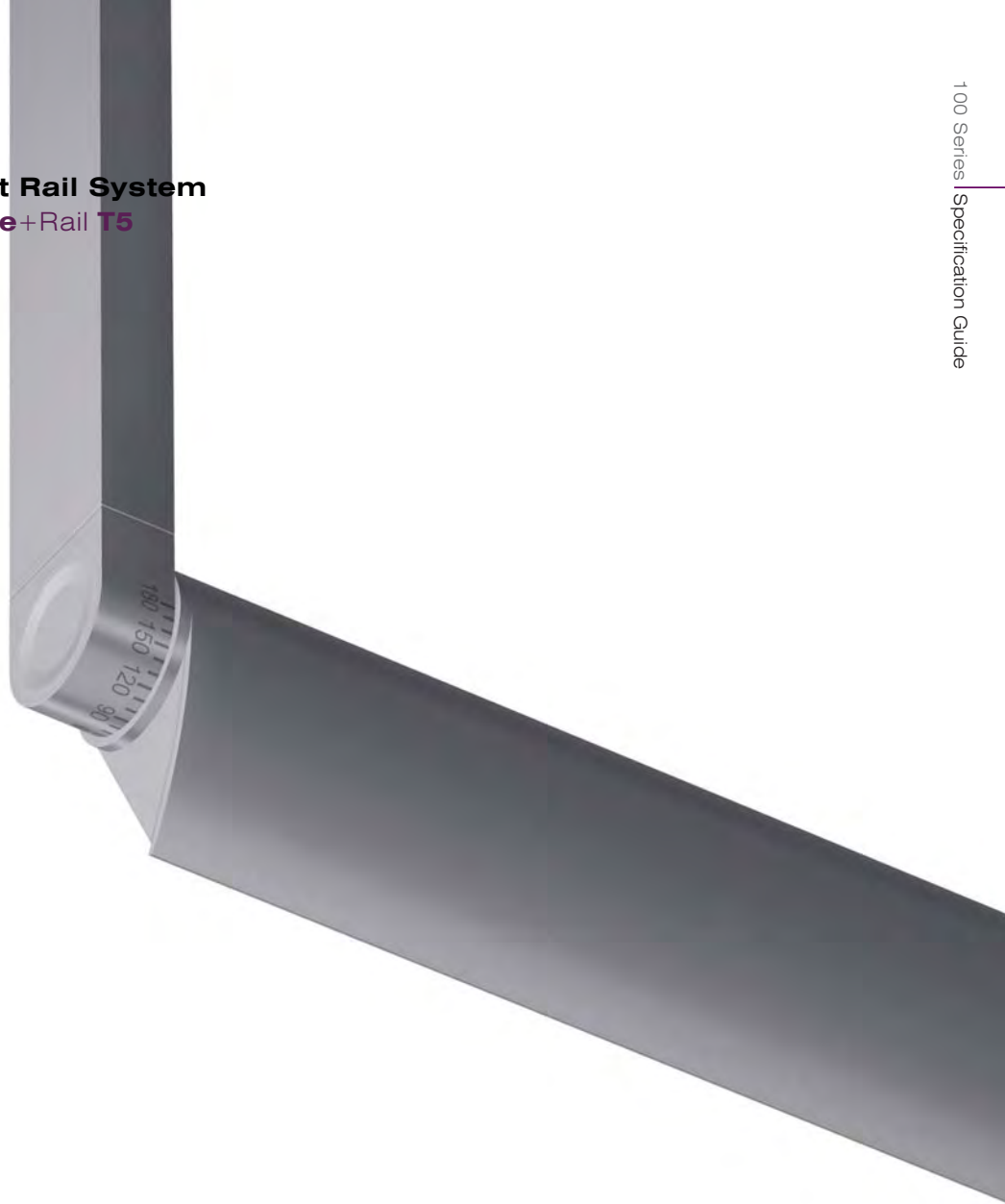




100 Series
Modular Light Rail System
VodeRail & Bee+Rail T5



100 Series MLR System for T5HE or T5HO fluorescent. Wall, ceiling or table mount. Single or double rail option. 2'(61cm) – 8'(244cm) lengths, depending on lamp and rail type. Quick-connect wiring harness standard. Patented hub design with 370° rotation, angle-gauge and lock-screw. Arm mount or cord suspension. Brushed aluminum finish standard.



BeeFuse



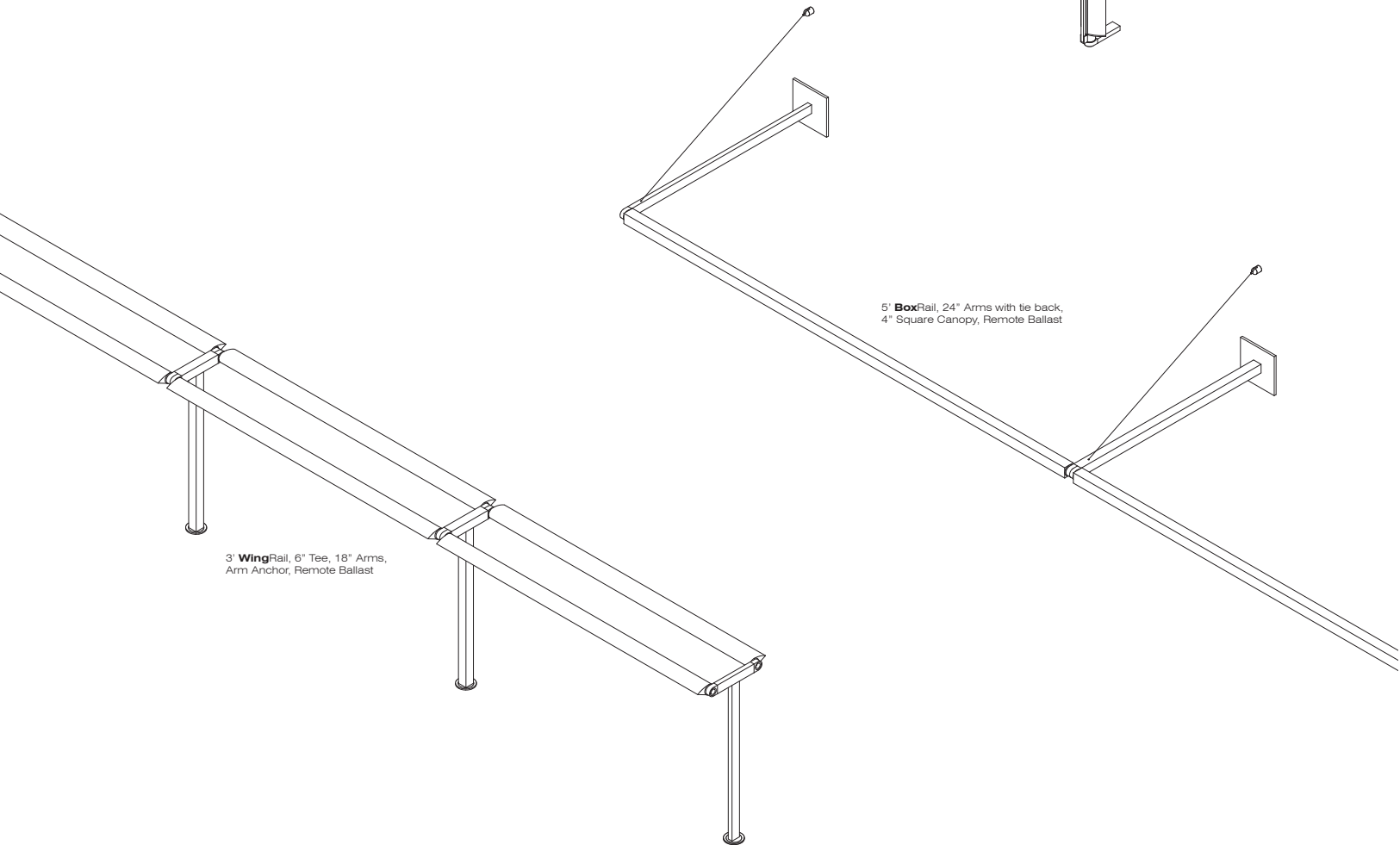
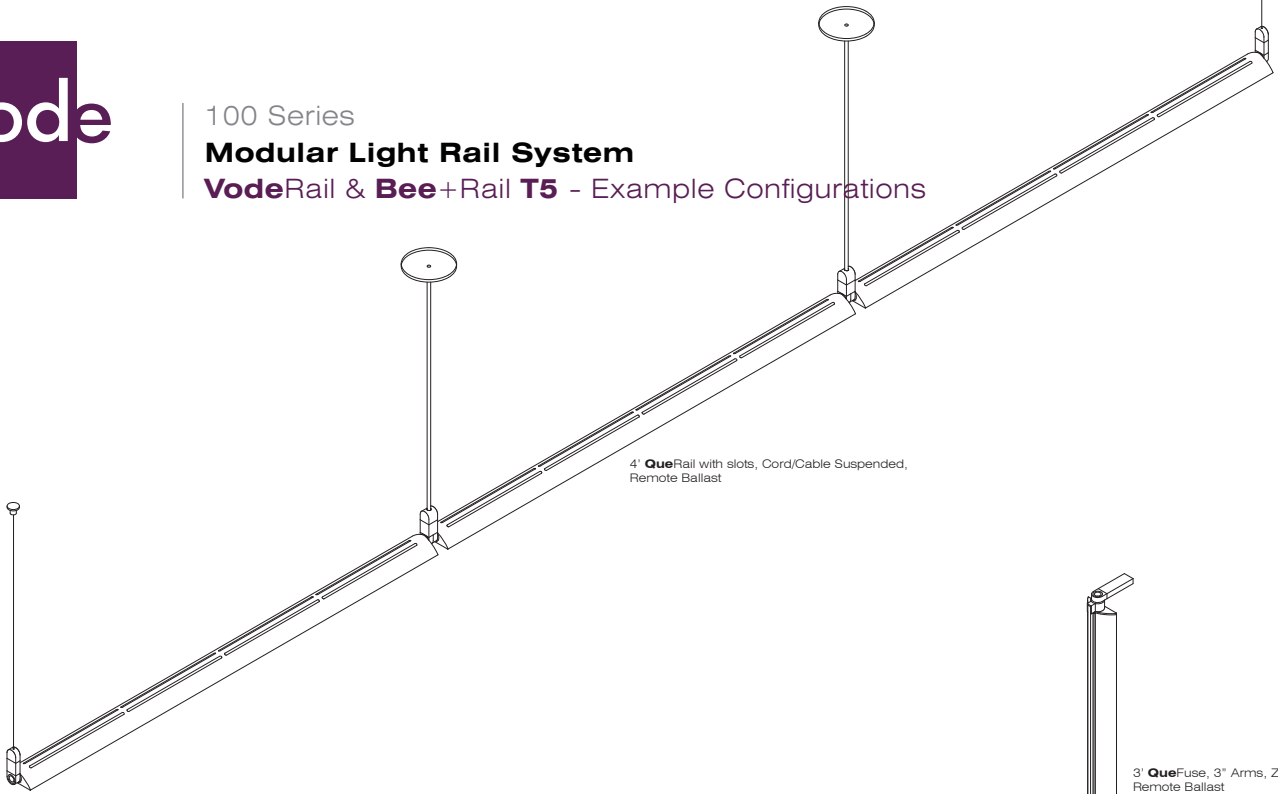
BoxBaffle



100 Series

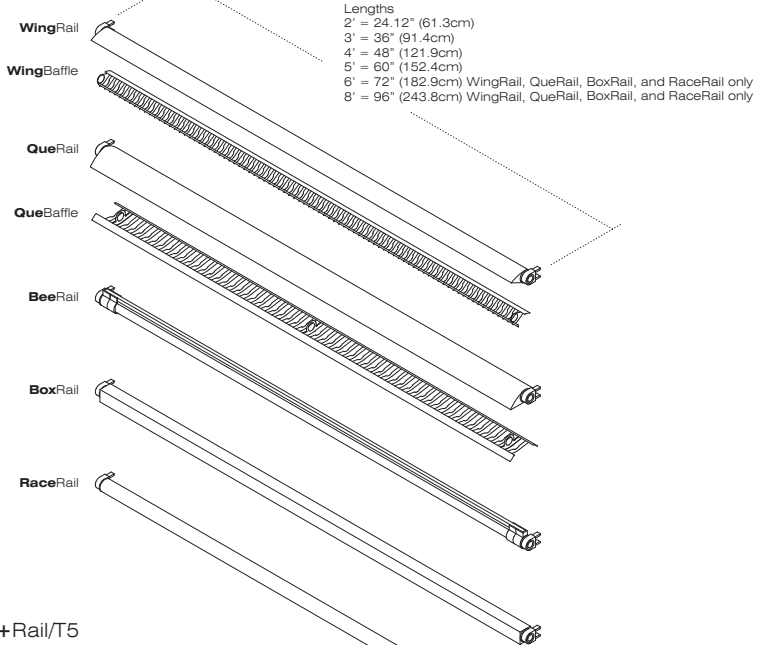
Modular Light Rail System

VodeRail & Bee+Rail T5 - Example Configurations

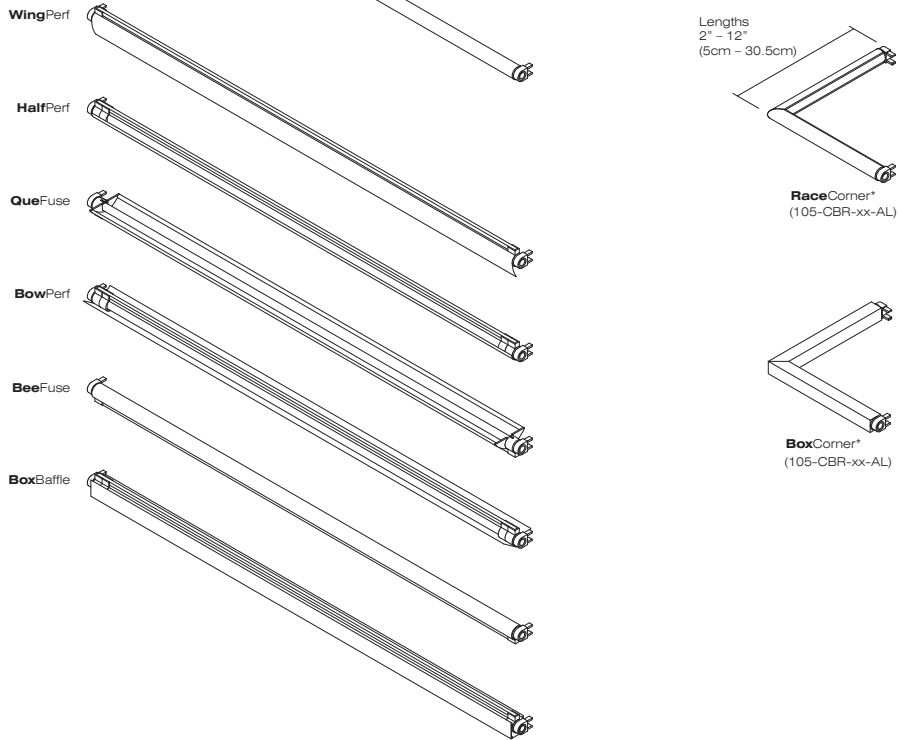


100 Series
Modular Light Rail System
VodeRail & Bee+Rail T5 - Rail Types

VodeRail/T5



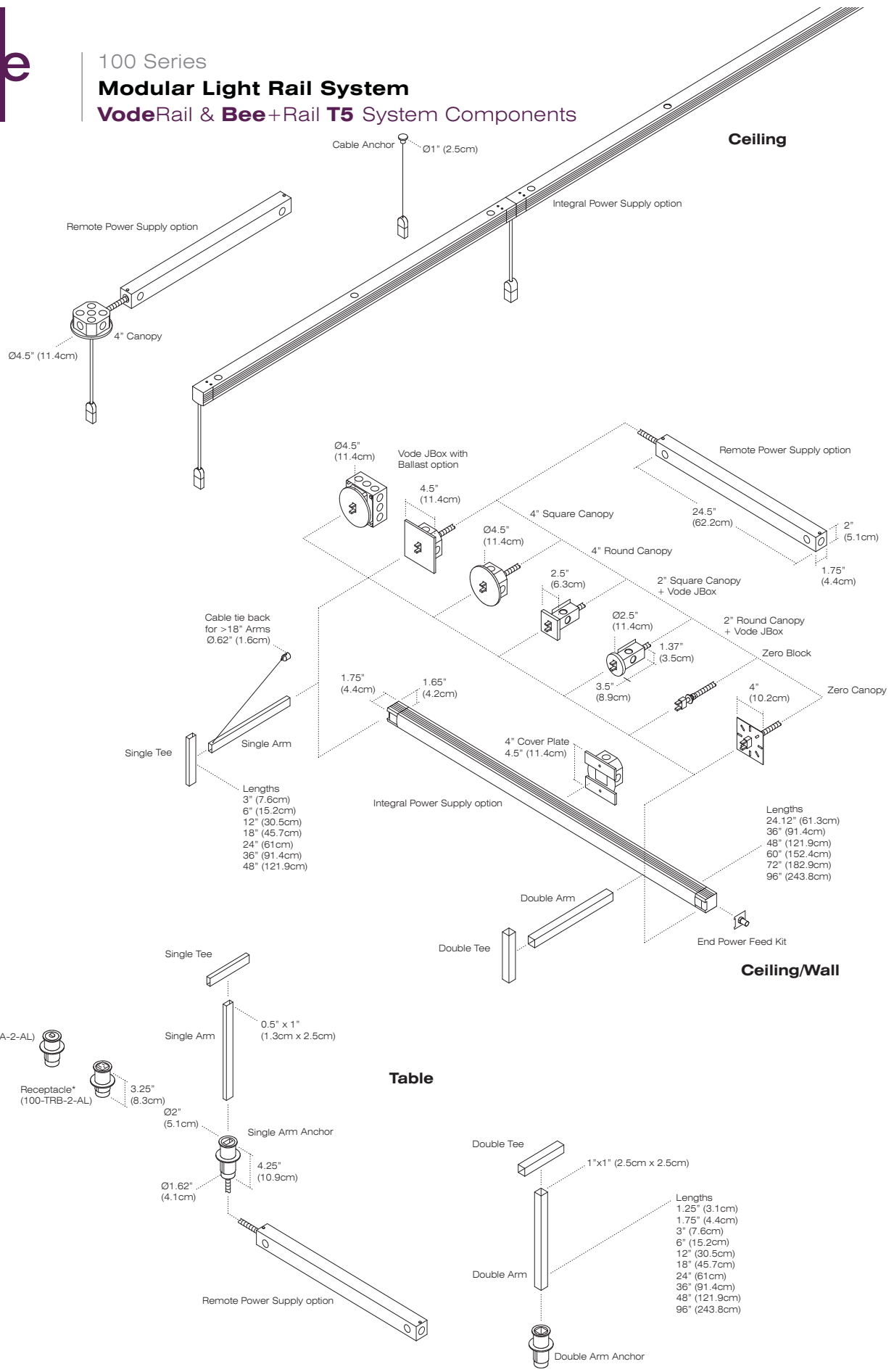
Bee+Rail/T5



*Not an illuminated product.
 *Must be specified separately from System Specification Code.



100 Series
Modular Light Rail System
VodeRail & Bee+Rail T5 System Components



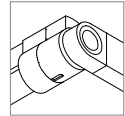


100 Series
Modular Light Rail System
VodeRail T5 - Specification Sheet

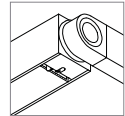
Specification Code

Rail Type	Single/Double Rail	Layout	Mounting	Arm/Cord Length	Ballast Location	Ballast Type/Voltage	Emergency Ballast	Lamp Type	Finish	Lens/Baffle	Options
1	2	3	4	5	6	7	8	9	10	11	12

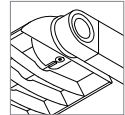
1	<p>Rail Type BE BeeRail QU QueRail WG WingRail BX BoxRail RR RaceRail</p>										
2	<p>Single/Double Rail 01 single rail 12 double rail w/ 12" tee 36 double rail w/ 36" tee 03 double rail w/ 3" tee 18 double rail w/ 18" tee 48 double rail w/ 48" tee 06 double rail w/ 6" tee 24 double rail w/ 24" tee XX double rail w/ custom tee</p>										
3	<p>Layout See Layout Chart on page 142. Choose length (in feet) and corresponding "A" or "B" layout. "A" and "B" are common layouts. If "A" or "B" layouts are not desired, choose "C" (Custom Layout) and specify desired layout. Please note that BeeRail is limited to 5' maximum length.</p>										
4	<p>Mounting WA wall arm TA table arm CA ceiling arm CC ceiling cable</p>										
5	<p>Arm/Cord Length 1.25 1.25" arm 12 12" arm 48 48" arm 1.75 1.75" arm 18 18" arm 96 96" arm 3 3" arm 24 24" arm 60 60" cable/cord 6 6" arm 36 36" arm XX custom length</p> <p>Wall mounted systems include cable tie-back for arms >18".</p>										
6	<p>Ballast Location Integral Ballast IB surface ballast JR ballast in Vode jbox, 4.5" round canopy* JS ballast in Vode jbox, 4.5" square canopy*</p> <p>Remote Ballast 00 zero canopy 4R 4.5" round canopy 0B zero block 4S 4.5" square canopy 2R 2.5" round canopy 2T 2" arm anchor† 2S 2.5" square canopy</p> <p>Ceiling cord (CC) suspension only available with IB, JR or 4R. *instant start ballast only, 28w max. †recommended for table arm (TA) mounting</p>										
7	<p>Ballast Type A programmed start F 1% dimming (0 - 10v) B 10% dimming - Lutron Eco-10 G bi-level dimming C 1% dimming - Lutron Hi-lume H 1% DALI dimming - Lutron Hi-Lume 3D D 1% DALI dimming - Osram I instant start E 10% DALI dimming - Lutron Ecosystem X other (specify)</p> <p>Maximum remote distance from 2' to 18' depending on ballast type. See Ballast Chart on page 144.</p>										<p>Voltage 1 120v 2 277v 3 347v 4 220v</p>
8	<p>Emergency Ballast 0 none X indicate number of emergency ballasts required</p> <p>Emergency ballast not available with JS or JR (ballast in Vode jbox) or 2' & 3' IB (surface ballast).</p>										
9	<p>Lamp Type HE high efficiency T5 HO high output T5 2' = 14w 5' = 35w 2' = 24w 5' = 80w 3' = 21w 6' = (2) 21w 3' = 39w 6' = (2) 39w 4' = 28w 8' = (2) 28w 4' = 54w 8' = (2) 54w</p>										
10	<p>Finish A brushed aluminum (standard) WH white powdercoat BL black anodized</p>										
11	<p>Lens/Baffle 0 none 1 prismatic lens (option for QU and WG only, standard for RR and BX) B cross baffle (option for QU and WG only) S indirect slot (option for WG, BX and QU only)</p> <p>Please refer to Bee+Rail specification guide for accessory reflectors for BeeRail.</p>										
12	<p>Options 0 none F GLR fuse 1 on/off toggle switch (IB ballast only) L lamps provided (specify color temperature) 2 daylight sensor (IB ballast only) CP6 6' 14/3 clear power cord and plug 3 occupancy sensor (IB ballast only) EP conduit adapter for end power feed (IB ballast only)</p>										



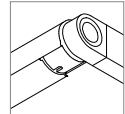
BeeRail



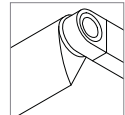
BoxRail



QueRail



RaceRail



WingRail

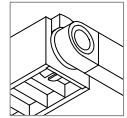


100 Series
Modular Light Rail System
Bee+Rail T5 - Specification Sheet

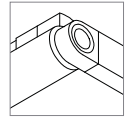
Specification Code

	Rail Type	Single/Double Rail	Layout	Mounting	Arm/Cord Length	Ballast Location	Ballast Type/Voltage	Emergency Ballast	Lamp Type	Finish	Bee+Rail	Options
BE	2	3	4	5	6	7	8	9	10	11	12	

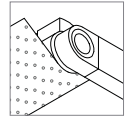
1	Rail Type BE Bee+Rail (specify Bee+ diffuser/reflector in step 11)											
2	Single/Double Rail 01 single rail 03 double rail w/ 3" tee 06 double rail w/ 6" tee 12 double rail w/ 12" tee 18 double rail w/ 18" tee 24 double rail w/ 24" tee 36 double rail w/ 36" tee 48 double rail w/ 48" tee XX double rail w/ custom tee											
3	Layout See Layout Chart page 142. Choose length (in feet) and corresponding "A" or "B" layout. "A" and "B" are common layouts. If "A" or "B" layouts are not desired, choose "C" (Custom Layout) and specify desired layout. Please note that Bee+ Rails are limited to 5' maximum length.											
4	Mounting WA wall arm CA ceiling arm TA table arm CC ceiling cable											
5	Arm/Cord Length 1.25 1.25" arm 1.75 1.75" arm 3 3" arm 6 6" arm 12 12" arm 18 18" arm 24 24" arm 36 36" arm 48 48" arm 96 96" arm 60 60" cable/cord XX custom length Wall mounted systems include cable tie-back for arms >18".											
6	Ballast Location Integral Ballast IB surface ballast JR ballast in Vode jbox, 4.5" round canopy* JS ballast in Vode jbox, 4.5" square canopy* Remote Ballast 00 zero canopy 0B zero block 2R 2.5" round canopy 2S 2.5" square canopy 4R 4.5" round canopy 4S 4.5" square canopy 2T 2" arm anchor† Ceiling cord (CC) suspension only available with IB , JR or 4R . *instant start ballast only, 28w max. †recommended for table arm (TA) mounting											
7	Ballast Type A programmed start B 10% dimming – Lutron Eco-10 C 1% dimming – Lutron Hi-lume D 1% DALI dimming – Osram E 10% DALI dimming – Lutron Ecosystem F 1% dimming (0 – 10v) G bi-level dimming H 1% DALI dimming – Lutron Hi-Lume 3D I instant start X other (specify) Maximum remote distance from 2' to 18' depending on ballast type. See Ballast Chart on page 144.											Voltage 1 120v 2 277v 3 347v 4 220v
8	Emergency Ballast 0 none X indicate number of emergency ballasts required Emergency ballast not available with JS or JR (ballast in Vode jbox) or 2' & 3' IB (surface ballast).											
9	Lamp Type HE high efficiency T5 2' = 14w 4' = 28w 3' = 21w 5' = 35w HO high output T5 2' = 24w 4' = 54w 3' = 39w 5' = 80w											
10	Finish A brushed aluminum (standard) WH white powdercoat BL black anodized											
11	Bee+Rail BB BoxBaffle BF BeeFuse BP BowPerf HP HalfPerf QF QueFuse WP WingPerf											
12	Options 0 none 1 on/off toggle switch (IB ballast only) 2 daylight sensor (IB ballast only) 3 occupancy sensor (IB ballast only) F GLR fuse L lamps provided (specify color temperature) CP6 6' 14/3 clear power cord and plug EP conduit adapter for end power feed (IB ballast only)											



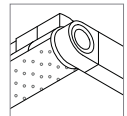
BoxBaffle



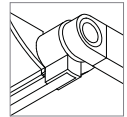
BeeFuse



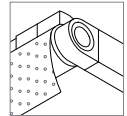
BowPerf



HalfPerf



QueFuse



WingPerf



All Rail Types
Layout Chart
T5 & LED

Choose length (in feet) and corresponding "A" or "B" layout. "A" and "B" are common layouts.
 If "A" or "B" layouts are not desired, choose "C" (custom layout) and specify desired layout.

Please note that 1' rail length is only available with LED.

BeeRail and Bee+Rails are limited to 5' lengths. VodeRail/LED is limited to 6'.

Code	1	2	3	4	5	6	7	8
†1A	1							
2A	2							
3A	3							
4A	4							
4B	2	2						
5A	5							
5B	2	3						
6A	6							
6B	3	3						
7A	4	3						
7B	2	3	2					
*8A	8							
8B	4	4						
9A	3	3	3					
9B	5	4						
10A	5	5						
10B	3	4	3					
11A	4	4	3					
*11B	8	3						
12A	4	4	4					
12B	6	6						
13A	4	5	4					
*13B	8	5						
*14A	6	8						
14B	5	5	4					
15A	5	5	5					
15B	6	6	3					
*16A	8	8						
16B	4	4	4	4				
17A	4	4	4	5				
17B	6	6	5					
18A	6	6	6					
18B	3	3	3	3	3	3		
19A	4	4	4	4	3			
19B	5	5	5	4				
20A	4	4	4	4	4			
20B	5	5	5	5				
21A	4	4	4	4	5			
21B	3	3	3	3	3	3		
22A	4	4	6	4	4			
22B	6	6	6	4				
23A	4	4	4	4	4	3		
23B	6	6	6	5				
*24A	8	8	8					
24B	6	6	6	6				
25A	5	5	5	5	5			
25B	4	4	4	4	4	5		
26A	3	4	4	4	4	4	3	
*26B	6	6	6	8				
27A	6	6	3	6	6			
27B	4	4	4	3	4	4	4	
28A	4	4	4	4	4	4	4	
*28B	8	8	8	4				
*29A	8	8	8	5				
29B	6	6	5	6	6			
30A	6	6	6	6	6			
30B	5	5	5	5	5	5		
*31A	8	5	5	5	8			
31B	4	4	4	4	4	4	4	3
*32A	8	8	8	8				
32B	4	4	4	4	4	4	4	4
33A	6	6	6	6	6	3		
33B	4	5	5	5	5	5	4	
*34A	5	8	8	8	5			
34B	3	4	4	4	4	4	4	3
35A	5	5	5	5	5	5		

Code	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
*35B	8	8	8	8	3												
36A	6	6	6	6	6	6											
36B	4	4	4	4	4	4	4	4	4								
*37A	8	8	5	8	8												
37B	4	4	4	4	4	4	4	4	4	5							
*38A	8	8	6	8	8												
*38B	6	6	6	6	6	8											
39A	6	6	6	6	6	6	3										
39B	5	5	5	5	5	5	5	4									
*40A	8	8	8	8	8												
40B	5	5	5	5	5	5	5										
41A	4	4	4	4	4	4	4	4	4	5							
41B	6	6	6	6	6	6	5										
42A	6	6	6	6	6	6	6										
*42B	5	8	8	8	8	5											
*43A	8	8	8	8	8	3											
43B	4	5	5	5	5	5	5	4									
44A	4	4	4	4	4	4	4	4	4	4	4						
*44B	8	8	8	8	8	4											
45A	5	5	5	5	5	5	5	5	5								
*45B	8	8	8	8	8	5											
*46A	8	8	8	8	8	6											
46B	6	6	6	6	6	6	6	4									
*47A	8	8	5	5	5	8	8										
47B	5	5	5	5	5	5	5	4	4	4							
*48A	8	8	8	8	8	8											
48B	6	6	6	6	6	6	6	6									
49A	5	5	5	5	5	5	5	5	4								
49B	6	6	5	5	5	5	5	6	6								
50A	5	5	5	5	5	5	5	5	5	5							
*50B	5	8	8	8	8	5											
51A	6	6	6	6	6	6	6	6	3								
*51B	8	8	8	3	8	8	8										
52A	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4		
*52B	8	8	8	8	8	8	4										
*53A	8	8	8	5	8	8	8										
53B	4	5	5	5	5	5	5	5	5	5	4						
54A	6	6	6	6	6	6	6	6	6								
*54B	8	8	8	8	8	8	6										
55A	5	5	5	5	5	5	5	5	5	5	5						
*55B	8	8	8	8	8	5	5										
*56A	8	8	8	8	8	8	8										
56B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
57A	6	6	6	6	6	6	6	6	6	3							
*57B	8	8	8	3	3	3	8	8	8								
*58A	5	8	8	8	8	8	5										
58B	6	6	6	6	6	6	6	6	6	4							
59A	5	5	5	5	5	5	5	5	5	5	5	4					
*59B	8	8	8	8	8	8	8	3									
60A	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
60B	6	6	6	6	6	6	6	6	6	6							
*61A	8	8	8	5	8	8	8	8									
61B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
*62A	8	8	8	8	8	8	6										
62B	4	6	6	6	6	6	6	6	6	4							
63A	6	6	6	6	6	6	6	6	6	6	3						
63B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3
*64A	8	8	8	8	8	8	8										
64B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
65A	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5		
65B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
66A	6	6	6	6	6	6	6	6	6	6	6						
*66B	5	8	8	8	8	8	8	5									
*67A	8	8	8	8	8	8	8	8	3								
67B	5	5	5	5	5	5	5	5	5	5	5	4	4	4	4		
*68A	8	8	8	8	8	8	8	8	4								

† available for VodeRail/LED only
 * available for VodeRail T5 only



All Rail Types
Layout Chart
T5 & LED

Choose length (in feet) and corresponding "A" or "B" layout. "A" and "B" are common layouts.
 If "A" or "B" layouts are not desired, choose "C" (custom layout) and specify desired layout.

Please note that 1' rail length is only available with LED.

BeeRail and Bee+Rails are limited to 5' lengths. VodeRail/LED is limited to 6'.

Code	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
68B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4								
69A	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	3							
*69B	8	8	8	8	8	8	8	8	8	8	8	5												
*70A	8	8	8	8	8	8	8	8	8	6														
70B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5									
*71A	8	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	8							
71B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3					
*72A	8	8	8	8	8	8	8	8	8															
72B	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6								
73A	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5						
*73B	8	3	8	8	8	3	8	8	3	8														
*74A	5	8	8	8	8	8	8	8	8	5														
74B	4	6	6	6	6	6	6	6	6	6	6	6	4											
75A	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5							
75B	6	6	6	6	6	6	6	6	6	6	6	6	6	3										
*76A	8	8	8	8	8	8	8	8	8	4														
76B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				
*77A	8	8	8	8	8	8	8	8	8	5														
77B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5					
78A	6	6	6	6	6	6	6	6	6	6	6	6	6											
*78B	8	8	8	8	8	8	8	8	8	6														
*79A	8	8	8	8	8	8	8	8	5	5														
79B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4							
*80A	8	8	8	8	8	8	8	8	8															
80B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5								
81A	6	6	6	6	6	6	6	6	6	6	6	6	6	6	3									
81B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5					
*82A	5	8	8	8	8	8	8	8	8	8	5													
82B	6	6	6	6	6	6	6	6	6	6	6	6	6	4										
*83A	8	8	8	8	8	8	8	8	8	3														
83B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3				
84A	6	6	6	6	6	6	6	6	6	6	6	6	6	6										
*84B	8	8	8	8	8	8	8	8	8	8	4													
85A	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5							
*85B	8	8	8	8	8	8	8	8	8	5														
*86A	8	8	8	8	8	8	8	8	8	6														
*86B	6	6	6	6	6	6	6	6	6	6	6	6	6	8										
87A	6	6	6	6	6	6	6	6	6	6	6	6	6	6	3									
*87B	8	8	8	8	8	8	8	8	8	5	5													
*88A	8	8	8	8	8	8	8	8	8	8														
88B	6	6	6	6	6	6	6	6	6	6	6	6	6	4										
*89A	8	8	8	8	8	8	8	8	8	3	3	3												
89B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	4							
90A	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6								
90B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5							
*91A	8	8	8	8	8	8	8	8	8	8	3													
91B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3			
*92A	8	8	8	8	8	8	8	8	8	8	4													
92B	4	6	6	6	6	6	6	6	6	6	6	6	6	6	4									
93A	6	6	6	6	6	6	6	6	6	6	6	6	6	6	3									
*93B	8	8	8	8	8	8	8	8	8	8	5													
*94A	8	8	8	8	8	8	8	8	8	8	6													
94B	6	6	6	6	6	6	6	6	6	6	6	6	6	6	4									
95A	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5							
*95B	8	8	8	8	8	8	8	8	8	8	5	5												
*96A	8	8	8	8	8	8	8	8	8	8														
96B	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6									
*97A	8	8	8	8	8	8	8	8	8	3	3	3												
97B	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5			
*98A	5	8	8	8	8	8	8	8	8	8	5													
98B	4	6	6	6	6	6	6	6	6	6	6	6	6	6	4									
99A	6	6	6	6	6	6	6	6	6	6	6	6	6	6	3									
*99B	8	8	8	8	8	8	8	8	8	8	3													
*100A	8	8	8	8	8	8	8	8	8	8	4													
100B	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5							

† available for VodeRail/LED only
 * available for VodeRail T5 only