



# EDGE Techx 6

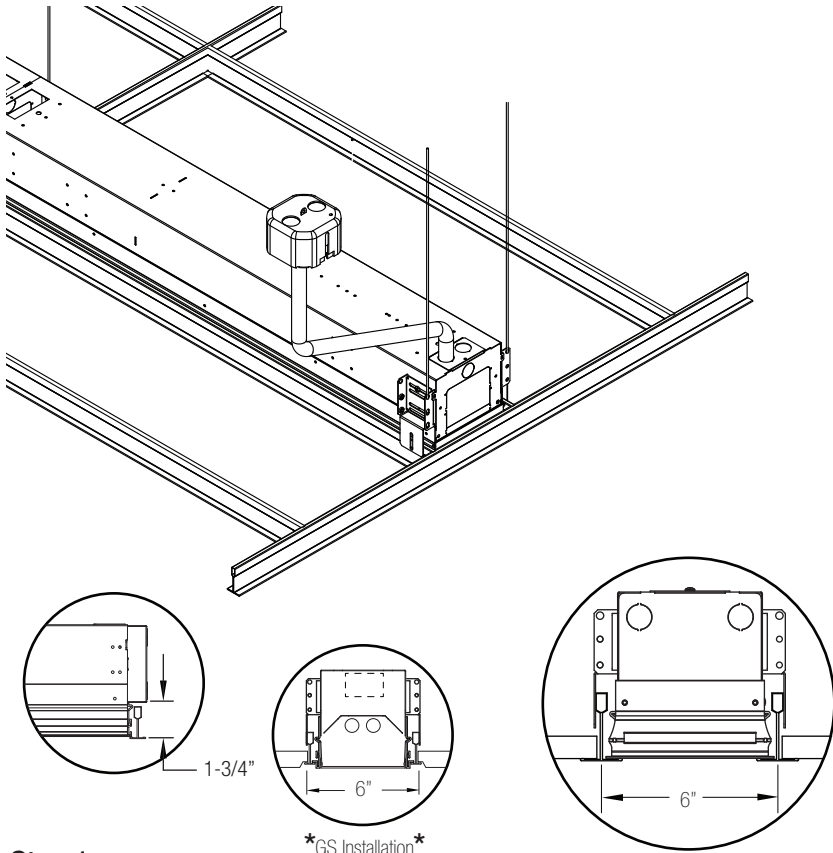
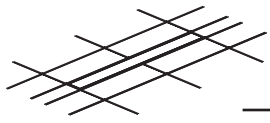
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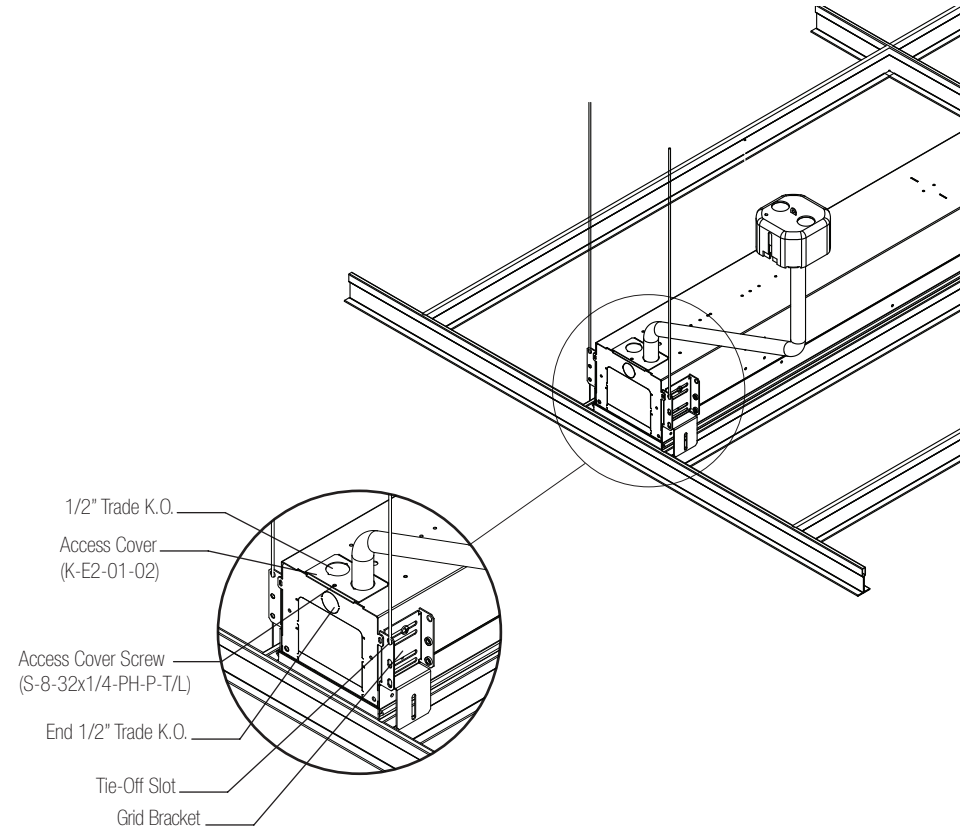
# EDGE Techx 6

T5/T5HO, T8 & LED  
TECH ZONE CEILING INSTALLATION



### Step 1: Layout/ Dimensions

1. Layout fixture and T-bar locations, fixtures require secondary mains along the length of the row, both sides.
2. Layout and install junction boxes.
3. Lay first fixture into grid. (**note fixture extension, T8 Only**)
4. Tie off fixture to structure.



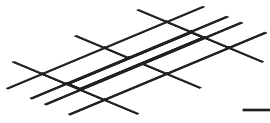
### Step 2: Making the connections

1. Remove applicable access cover.
2. Attach conduit to access cover using 1/2" trade fitting.
3. Make electrical connections inside fixture.
4. Replace access cover.



1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Fixtures must be mounted directly to structure.

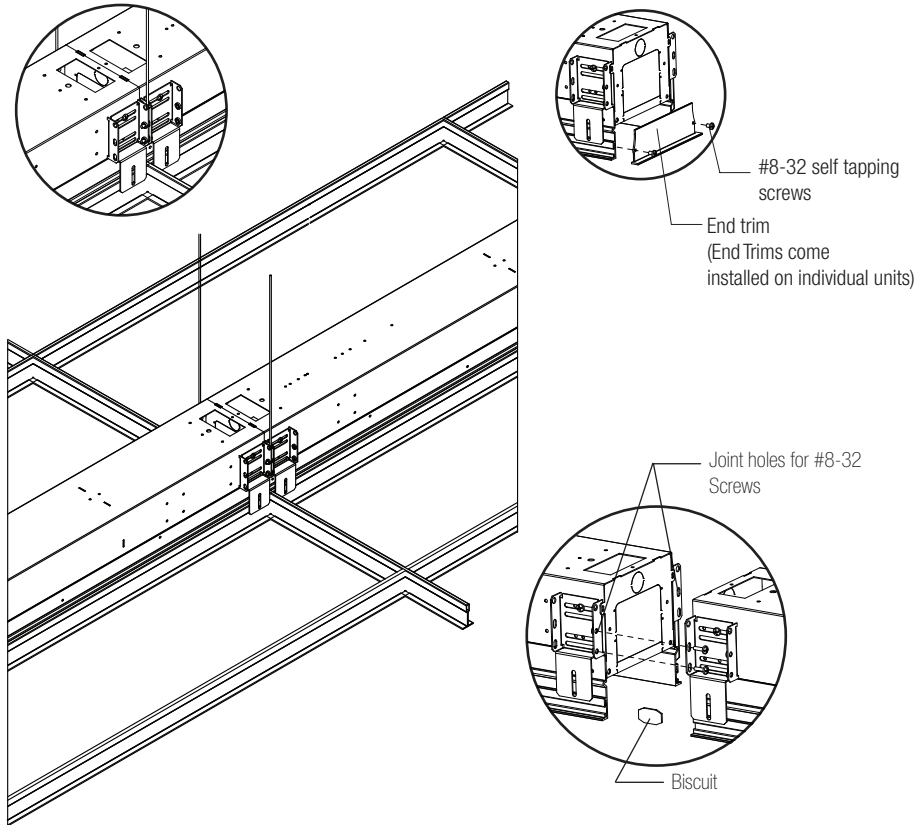




# EDGE TECHX 6

## T5/ T5HO/ T8 & LED Grid Ceiling Installation

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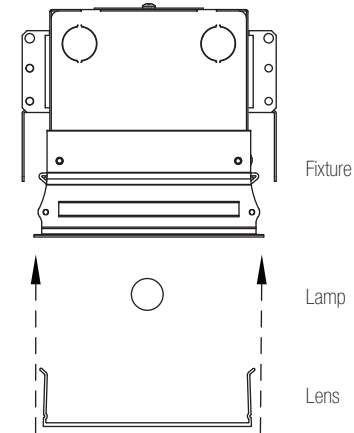


### Step 3: Continuous Runs

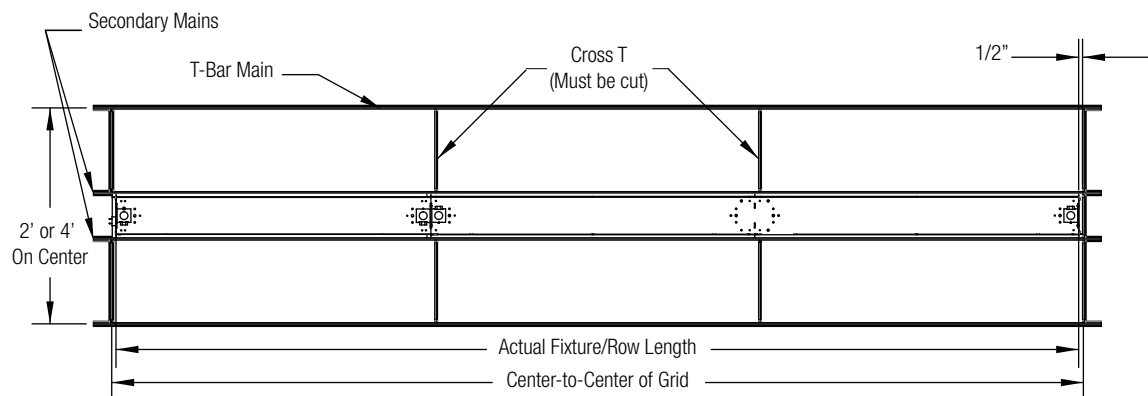
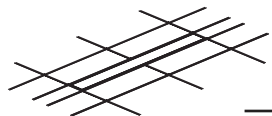
1. Remove knock-outs between fixtures.
2. Fixtures are through-wired for continuous runs.
3. Install end trim on all non joining ends.
4. Make necessary wiring connections between fixtures.
5. Align fixtures using supplied biscuits (2) and secure fixtures together using supplied #8-32 screws (2).

### Step 4: Finishing

1. Install lamps.
2. Install lens or louver.
3. Secure fixture to grid through all Grid Brackets.



1. This product must be installed in accordance with applicable installation and electrical codes by a professional familiar with the construction and operation of the product.
2. Minimum 90°C supply conductors
3. All electrical connections must be performed by a certified electrician to applicable local and national electrical codes.
4. Fixtures must be mounted directly to structure.



★ Overall fixture or row length for recessed fixtures is 1" less than the center-to-center of the grid to fall "On-Grid" and fit within the T-bar opening.

Nominal Fixture length (Bold) Verses Actual Length (T5/T8)					
Fixture	2'	3'	4'	6'	8'
BOR/INT	xx	xx	48"	72"	96"
EOR/IND	23"	35"	47"	71"	95"

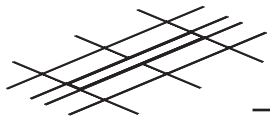
BOR - Beginning of run  
INT - Intermediate fixture  
EOR - End of run  
IND - individual fixture

### Row Configuration Notes:

- Actual row lengths may vary from "Nominal".
- The over all rows do fall "On-Grid" and require additional T-Bar "mains" along the length of the row.
- Actual overall row length may be calculated using table above.
- Fixture runs require one (1) EOR/IND fixture in order to fall "On-Grid".
- Battery fixtures have test switch and indicator light remoted (conduit and J-Box by others).

### Row Configuration Chart

Nominal Row Length	Actual Row Length	Fixture Units in Row Configuration
2 ft	1' 11"	23"
3 ft	2' 11"	35"
4 ft	3' 11"	47"
5 ft	4' 10"	23" + 35"
6 ft	5' 11"	71"
7 ft	6' 11"	48" + 35"
8 ft	7' 11"	95"
9 ft	8' 11"	72" + 35"
10 ft	9' 11"	72" + 47"
11 ft	10' 11"	96" + 35"
12 ft	11' 11"	96" + 47"
13 ft	12' 11"	72" + 48" + 35"
14 ft	13' 11"	96" + 71"
15 ft	14' 11"	96" + 48" + 35"
16 ft	15' 11"	96" + 95"
17 ft	16' 11"	96" + 72" + 35"
18 ft	17' 11"	96" + 72" + 47"
19 ft	18' 11"	96" + 96" + 35"
20 ft	19' 11"	96" + 96" + 47"
21 ft	20' 11"	96" + 72" + 48" + 35"
22 ft	21' 11"	96" + 96" + 71"
23 ft	22' 11"	96" + 96" + 48" + 35"
24 ft	23' 11"	96" + 96" + 95"
25 ft	24' 11"	96" + 96" + 72" + 35"



# EDGE Snap In Lens

## Lensing detail sheet

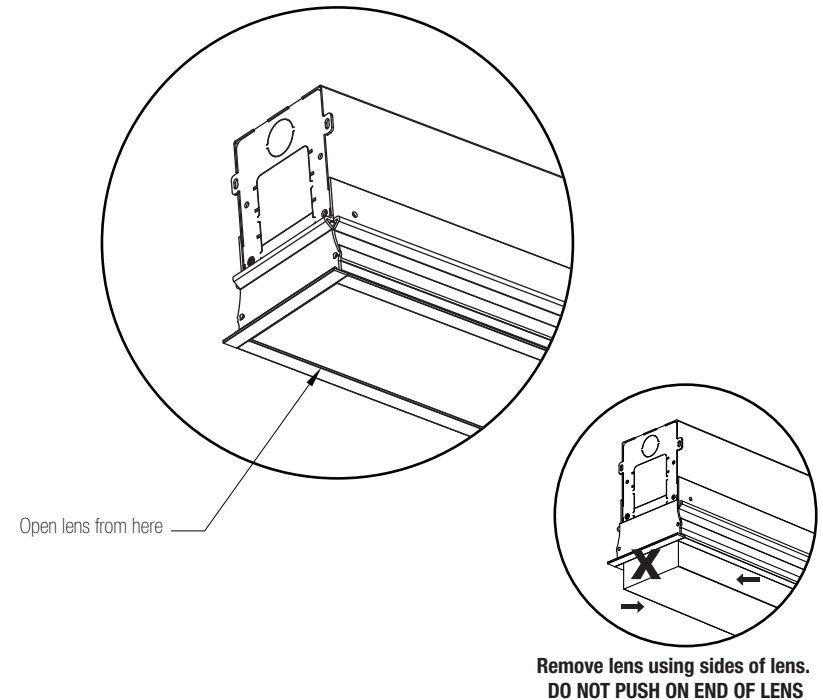
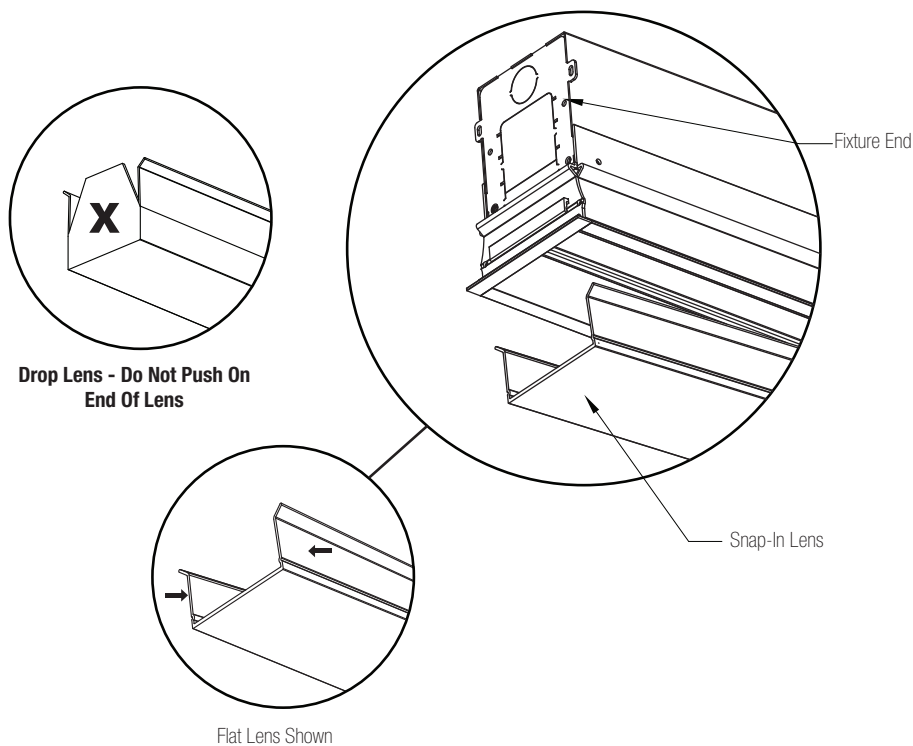
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### Lens Installation

1. Begin at one end of the lens and squeeze sides to allow it to flex.
2. Insert end of lens into place, lens will snap into place when installed properly.
3. Slowly insert rest of lens down the length of the fixture

### Lens Removal

1. Insert a rigid object approx. 1/16" thick, such as a putty knife, into the edge between the lens and the fixture side about one inch from end.
2. Using said object, gently pry lens away from fixture until it is released from the mounting edge.
3. Once the section is released, start at that end of the fixture and pull the lens out of the fixture.



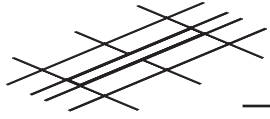
**Note:** Low temperatures can effect the lens material, making it brittle. lease allow the lenses to warm to room temperature before installation.





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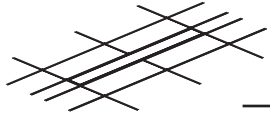
T5/T5H0  
STAGGERED FIXTURE ROW LAYOUT



Nominal Length	Actual Length	Lamp Totals	Configuration
6 ft	5' 11"	2ft = 2, 3ft = 1	
7 ft	6' 11"	2ft = 1, 3ft = 2	
8 ft	7' 11"	3ft = 3	
9 ft	8' 11"	3ft = 2, 4ft = 1	
10 ft	9' 11"	2ft = 3, 3ft = 2	
11 ft	10' 11"	2ft = 2, 3ft = 3	
12 ft	11' 11"	2ft = 2, 3ft = 2, 4ft = 1	
13 ft	12' 11"	2ft = 1, 3ft = 3, 4ft = 1	
14 ft	13' 11"	2ft = 4, 3ft = 3	
15 ft	14' 11"	2ft = 3, 3ft = 4	

NOTE: Rows must be assembled in order shown. Rows cannot be reconfigured.





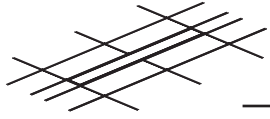
Nominal Length	Actual Length	Lamp Totals	Configuration
16 ft	15' 11"	2ft = 2, 3ft = 5	
17 ft	16' 11"	2ft = 2, 3ft = 4, 4ft = 1	
18 ft	17' 11"	2ft = 5, 3ft = 4	
19 ft	18' 11"	2ft = 4, 3ft = 5	
20 ft	19' 11"	2ft = 4, 3ft = 4, 4ft = 1	
21 ft	20' 11"	2ft = 3, 3ft = 5, 4ft = 1	
22 ft	21' 11"	2ft = 6, 3ft = 5	
23 ft	22' 11"	2ft = 5, 3ft = 6	
24 ft	23' 11"	2ft = 4, 3ft = 7	

NOTE: Rows must be assembled in order shown. Rows cannot be reconfigured.



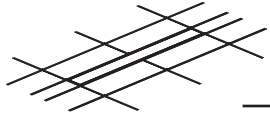
**EDGE** Techx 6

**T8  
STAGGERED FIXTURE ROW LAYOUT**



Nominal Length	Actual Length	Lamp Totals	Configuration
6 ft	5' 11"	2ft = 2, 3ft = 1	
7 ft	6' 11"	2ft = 1, 3ft = 2	
8 ft	7' 11"	3ft = 3	
9 ft	8' 11"	3ft = 2, 4ft = 1	
10 ft	9' 11"	2ft = 1, 3ft = 3	
11 ft	10' 11"	3ft = 4	
12 ft	11' 11"	3ft = 2, 4ft = 1	
13 ft	12' 11"	2ft = 1, 3ft = 3, 4ft = 1	
14 ft	13' 11"	2ft = 2, 3ft = 4	
15 ft	14' 11"	2ft = 1, 3ft = 5	

NOTE: Rows must be assembled in order shown. Rows cannot be reconfigured.



Nominal Length	Actual Length	Lamp Totals	Configuration
16 ft	15' 11"	3ft = 6	
17 ft	16' 11"	3ft = 5, 4ft = 1	
18 ft	17' 11"	2ft = 1, 3ft = 6	
19 ft	18' 11"	3ft = 7	
20 ft	19' 11"	3ft = 6, 4ft = 1	
21 ft	20' 11"	2ft = 1, 3ft = 6, 4ft = 1	
22 ft	21' 11"	2ft = 2, 3ft = 7	
23 ft	22' 11"	2ft = 1, 3ft = 8	
24 ft	23' 11"	3ft = 9	

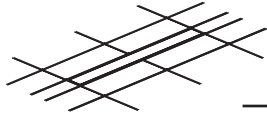
*NOTE: Rows must be assembled in order shown. Rows cannot be reconfigured.*





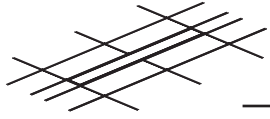
**EDGE** Techx 6

**2 LAMP  
STAGGERED FIXTURE ROW LAYOUT**



Nominal Length	Actual Length	Lamp Totals	Configuration
6 ft	5' 11"	2ft = 1, 3ft = 2, 4ft = 1	
7 ft	6' 11"	2ft = 2, 3ft = 2, 4ft = 1	
8 ft	7' 11"	2ft = 2, 4ft = 3	
9 ft	8' 11"	2ft = 1, 3ft = 4, 4ft = 1	
10 ft	9' 11"	2ft = 1, 3ft = 2, 4ft = 3	
11 ft	10' 11"	2ft = 2, 3ft = 2, 4ft = 3	
12 ft	11' 11"	2ft = 2, 4ft = 5	
13 ft	12' 11"	2ft = 1, 3ft = 4, 4ft = 3	
14 ft	13' 11"	2ft = 1, 3ft = 2, 4ft = 5	
15 ft	14' 11"	2ft = 2, 3ft = 2, 4ft = 5	

NOTE: Rows must be assembled in order shown. Rows cannot be reconfigured.



Nominal Length	Actual Length	Lamp Totals	Configuration
16 ft	15' 11"	2ft = 2, 4ft = 7	<p>4 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp</p> <p>2 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp 2 ft lamp</p> <p>96S 95F</p>
17 ft	16' 11"	2ft = 2, 3ft = 6, 4ft = 3	<p>4 ft lamp 4 ft lamp 3 ft lamp 3 ft lamp 3 ft lamp</p> <p>2 ft lamp 4 ft lamp 3 ft lamp 3 ft lamp 3 ft lamp 2 ft lamp</p> <p>96S1 72M2 35F</p>
18 ft	17' 11"	2ft = 2, 3ft = 4, 4ft = 5	<p>4 ft lamp 4 ft lamp 3 ft lamp 3 ft lamp 4 ft lamp</p> <p>2 ft lamp 4 ft lamp 3 ft lamp 3 ft lamp 4 ft lamp 2 ft lamp</p> <p>96S1 72M1 47F</p>
19 ft	18' 11"	2ft = 2, 3ft = 2, 4ft = 7	<p>4 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp 3 ft lamp</p> <p>2 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp 3 ft lamp 2 ft lamp</p> <p>96S 96M1 35F</p>
20 ft	19' 11"	2ft = 2, 4ft = 9,	<p>4 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp</p> <p>2 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp 2 ft lamp</p> <p>96S 96M 47F</p>
21 ft	20' 11"	2ft = 3, 3ft = 4, 4ft = 6	<p>4 ft lamp 4 ft lamp 3 ft lamp 3 ft lamp 4 ft lamp 3 ft lamp</p> <p>2 ft lamp 4 ft lamp 4 ft lamp 2 ft lamp 4 ft lamp 3 ft lamp 2 ft lamp</p> <p>96S 72M 48M 35F</p>
22 ft	21' 11"	2ft = 1, 3ft = 2, 4ft = 9	<p>4 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp 3 ft lamp 3 ft lamp</p> <p>2 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp</p> <p>96S 96M 71F</p>
23 ft	22' 11"	2ft = 2, 3ft = 2, 4ft = 9	<p>4 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp 3 ft lamp</p> <p>2 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp 3 ft lamp 2 ft lamp</p> <p>96S 96M 48M 35F</p>
24 ft	23' 11"	2ft = 2, 4ft = 11	<p>4 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp</p> <p>2 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp 4 ft lamp 2 ft lamp</p> <p>96S 96M 95F</p>

NOTE: Rows must be assembled in order shown. Rows cannot be reconfigured.