

# BUS-22R

Recessed D-Bar, Trimless



Project Name

Type

Feed

-22R

Voltage

Voltage

Amps

Finish

| Feed Code | Profile / Mounting | Vinyl / Voltage | Vinyl / Voltage | Amperage | Total Length of Straight Run (in.)* | Finish     | Whip (ft.) |
|-----------|--------------------|-----------------|-----------------|----------|-------------------------------------|------------|------------|
| BUS       | EEC                | 1A              | 1A              | 16A      | 1A                                  | Unfinished | UF         |
| EEB       | SEC                | 2A              | 2A              | 20A      | 1.5A                                |            |            |
| EEF       | TEC                | 6A              | 6A              | 30A      | 2A                                  |            |            |
| SCB       |                    | 3D              | 3D              | 60A      | 3A                                  |            |            |
| SCF       |                    | 2D              | 2D              |          | 4A                                  |            |            |
| SEB       |                    | 6D              | 6D              |          | 5A                                  |            |            |
| SEF       |                    | 3C              | 3C              |          | 6A                                  |            |            |
| TCB       |                    | 4B              | 4B              |          | 8A                                  |            |            |
| TCF       |                    | 4K              | 4K              |          | 12A                                 |            |            |
| TEB       |                    |                 |                 |          |                                     |            |            |
| TEF       |                    |                 |                 |          |                                     |            |            |

Clear Form

Flatten & Save

## Circuiting Chart

### 1A

1 circ. (120V)  
1-hot, 1-neutral



### 2A

2 circ. (120V)  
2-hot, 1-neutral



### 3D

1 circ. (230V)  
1-hot, 1-neutral



### 2D

2 circ. (240V)  
2-hot, 1-neutral



### 3C

1 circ. (277V)  
1-hot, 1-neutral



### 4B (Consult Factory)

1 circ. (Low Voltage)  
1-hot, 1-neutral



### 4K (Consult Factory)

1 circ. (Low Voltage)  
International  
1-hot, 1-neutral



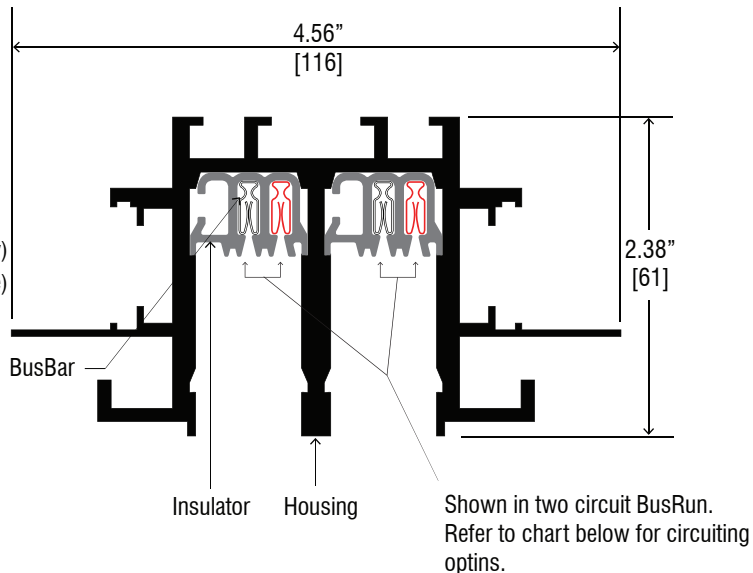
### 6A

1 circ. (120V)  
2-hot, 1-neutral  
tied hots



### 6D

1 circ. (230V)  
2-hot, 1-neutral  
tied hots

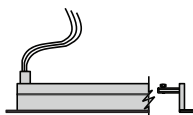


**Feed Options:** Standard BusRun feed capacity is 20 Amps (120v) or 16 Amps (230 Volt); 30 and 60 Amp feeds are available

### TEF-22R

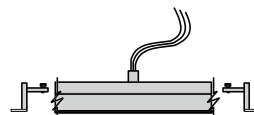
#### TEC-22R ((Current Limiter)\*)

Top End Feed  
1/2" NPSM or 20mm Conduit



### TCF-22R

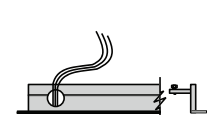
Top Center Feed  
1/2" NPSM or 20mm Conduit



### SEF-22R

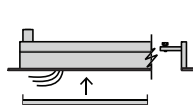
#### SEC-22R (Current Limiter)\*

Side End Feed  
1/2" NPSM or 20mm Conduit



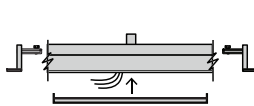
### TEB-22R

Top End Splice-Box  
30 Amp Max



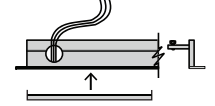
### TCB-22R

Top Center Splice Box  
30 Amp Max



### SEB-22R

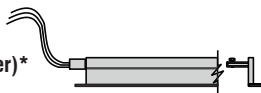
Side End Splice Box  
30 Amp Max



### EEF-22R

#### EEC-22R ((Current Limiter)\*)

End End Feed  
1/2" NPSM or 20mm Conduit



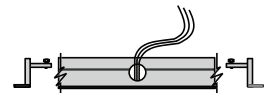
### EEB-22R

End End Splice-Box  
30 Amp Max



### SCF-22R

Side Center Feed  
1/2" NPSM or 20mm Conduit



Notes:

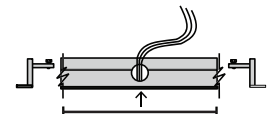
1. All Splice Box feeds are 30 Amp maximum load.
2. All feeds are supplied with two end caps.
3. Feeds cannot be field modified.
4. Feeds can be made between 10" - 120".
5. Maximum loads are per circuit.

#### \*CL: Current Limiter Values (120v Only)

|      |       |     |        |
|------|-------|-----|--------|
| 1A   | 120VA | 5A  | 600VA  |
| 1.5A | 180VA | 6A  | 720VA  |
| 2A   | 240VA | 8A  | 960VA  |
| 3A   | 360VA | 12A | 1440VA |
| 4A   | 480VA |     |        |

### SCB-22R

Side Center Splice Box  
30 Amp Max



251 Elm Street, Buffalo, NY 14203 USA  
800-238-4120 | www.litelab.com



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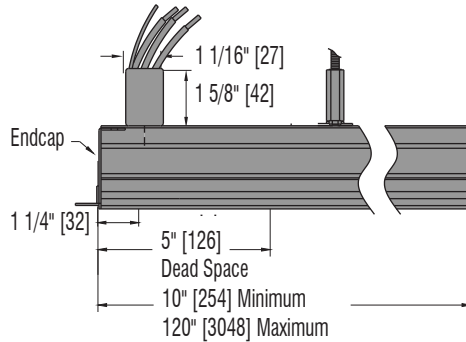
Project Name

Type

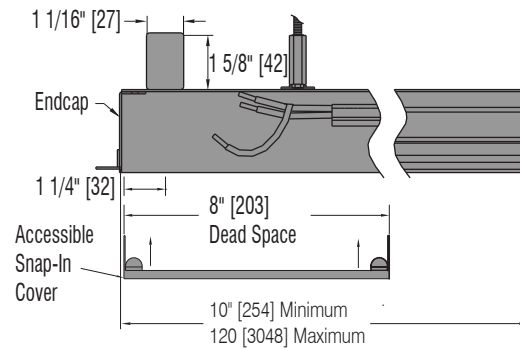
## Dimension Chart

Clear Form

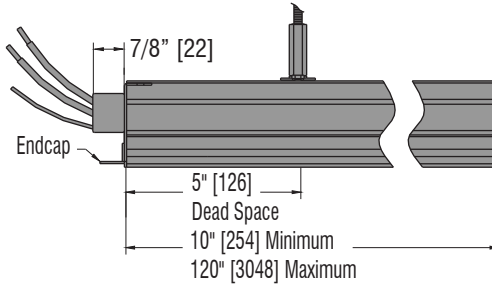
### Top End Feed



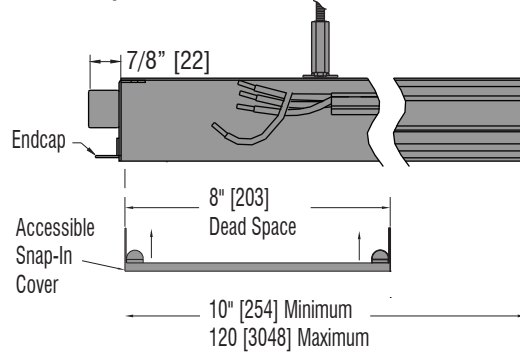
### Top End Splice-Box Feed



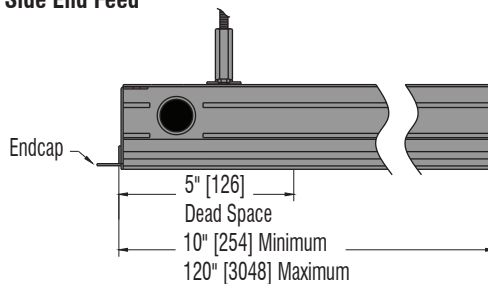
### End End Feed



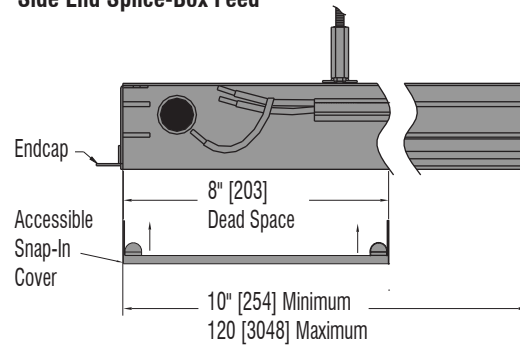
### End End Splice-Box Feed



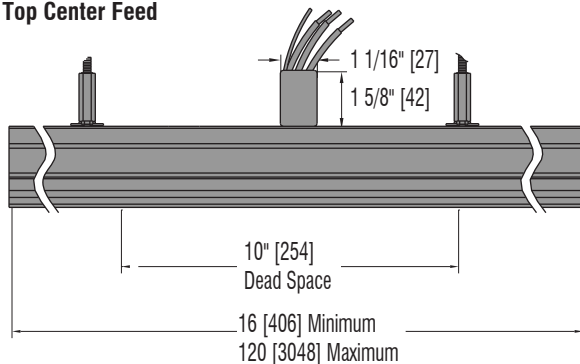
### Side End Feed



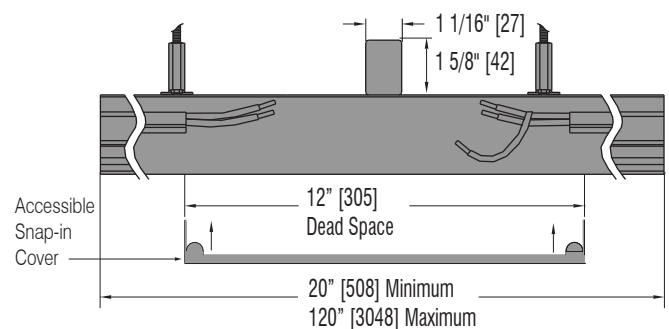
### Side End Splice-Box Feed



### Top Center Feed



### Top Center Splice-Box Feed



# BUS-22R

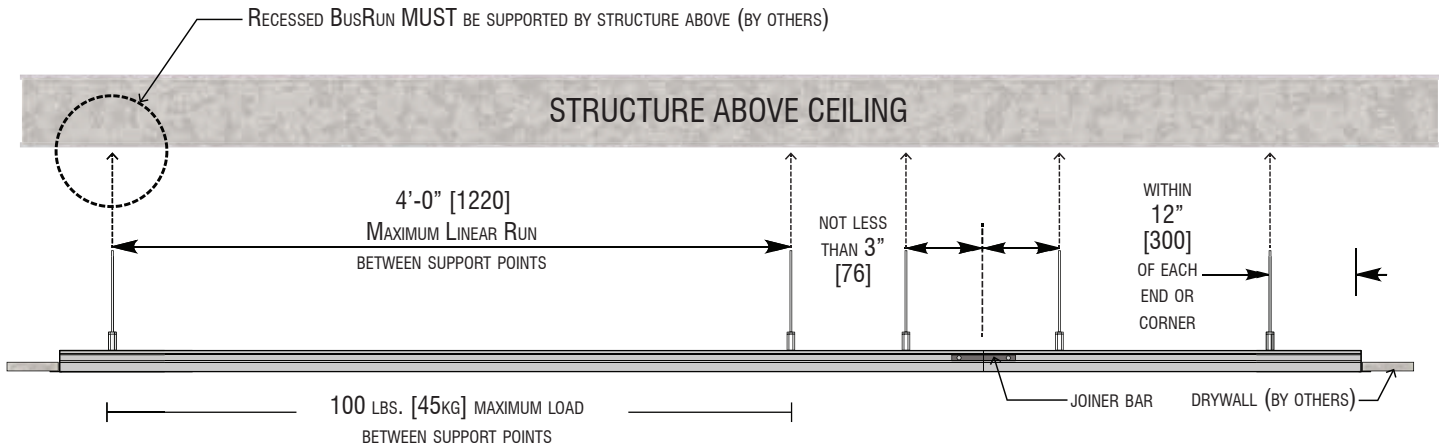
Recessed D-Bar, Trimless

Project Name

Type

## Mounting Diagram

Clear Form



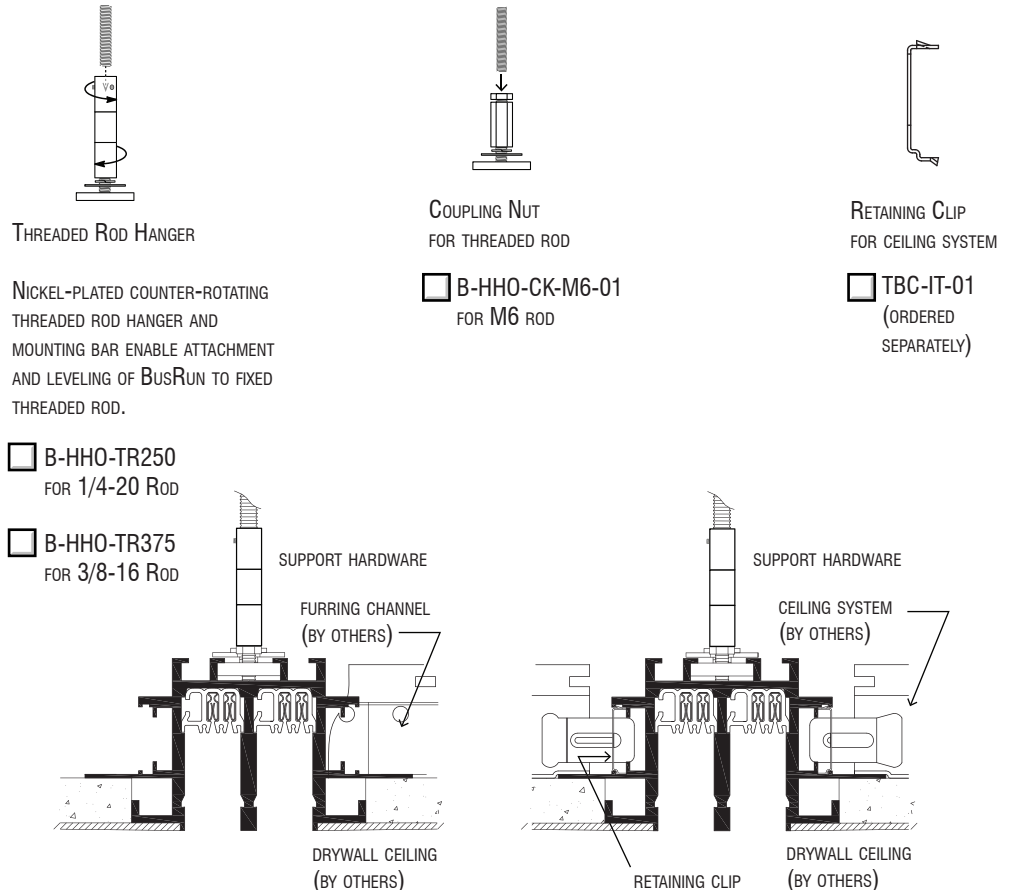
### MOUNTING NOTES:

- 10'-0" [3048] RECESSED BUSRUN SECTION REQUIRES 3 SUPPORT POINTS.
- 8'-0" [2438] RECESSED BUSRUN SECTION REQUIRES 3 SUPPORT POINTS.
- 4'-0" [1219] RECESSED BUSRUN SECTION REQUIRES 2 SUPPORT POINTS.

## MOUNTING RULES

- 12" [300] A SUPPORT POINT MUST BE PROVIDED WITHIN 12" OF EVERY END CORNER OF THE BUSRUN LAYOUT.
- 4'-0" [1220] MAXIMUM DISTANCE BETWEEN SUPPORT POINTS CANNOT EXCEED 4'-0" LINEAR FEET OF BUSRUN.
- 3" [76] SUPPORT POINTS CANNOT BE WITHIN 3" FROM THE CENTERLINE ON BOTH SIDES OF BUSRUN JOINTS.
- 100LB [45kg] BUSRUN BUSWAY AND MOUNTING HARDWARE ARE RATED FOR A TOTAL SUPPORTED WEIGHT UP TO 100 LBS [45kg] BETWEEN SUPPORT POINTS.

## MOUNTING OPTIONS



# BUS-22R

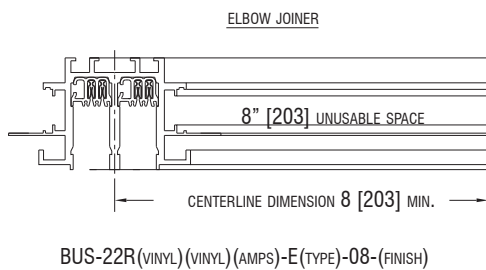
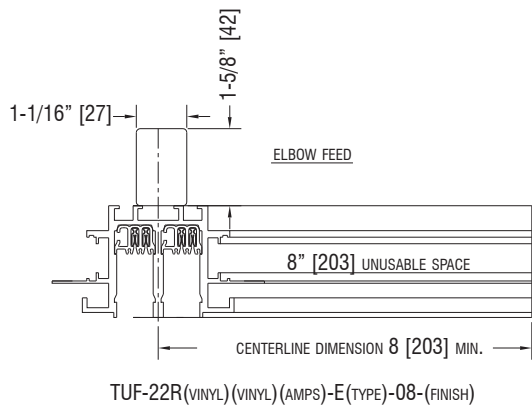
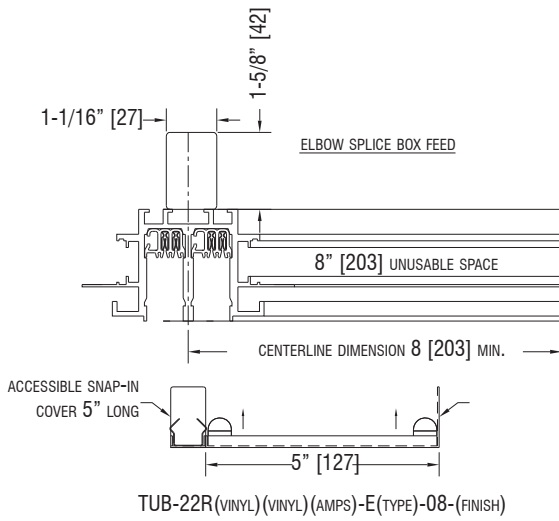
X, T, L Configurations

Project Name

Type

Clear Form

## L-Dimensions (Typical):



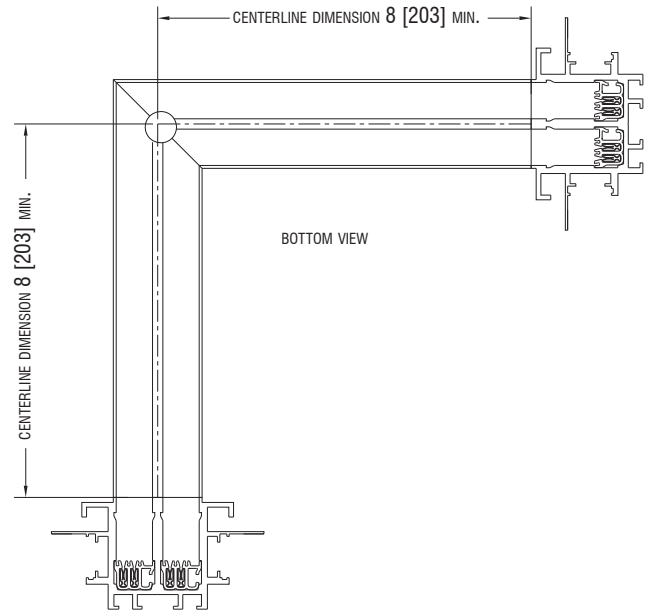
MAXIMUM UNIT LENGTH IS 10' [3048] UNINTERRUPTED SPAN. SPLICE KITS TO ADJACENT SECTIONS OCCUPY 4" [102] FOR 16, 20 AND 30 AMP CAPACITY AND 6" FOR 60 AMP CAPACITY. WHEN CALCULATING PLUG-IN SPACE:

$$(\text{TOTAL LENGTH OF SECTION}) - (\text{FEED}) - (\text{SPLICE KIT}/2) = \text{TOTAL AVAILABLE PLUG-IN SPACE}$$

FOR FITTER LENGTHS, PLEASE SEE FIXTURE CUTSHEETS.

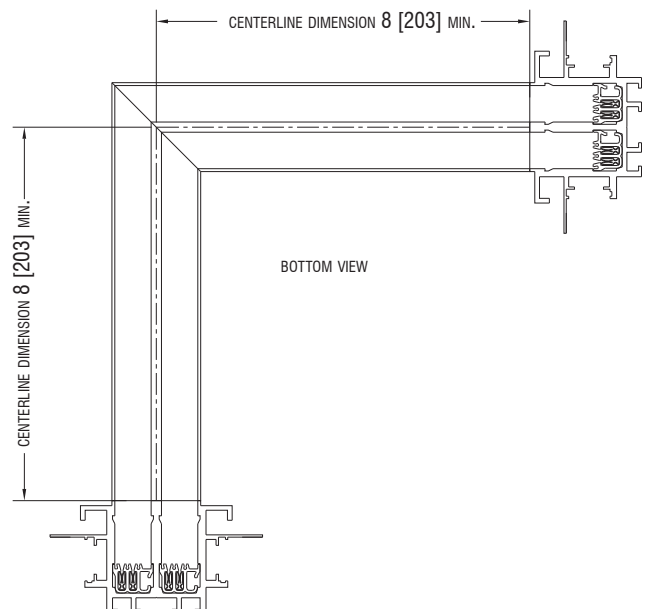
REFLECTED CEILING PLAN VIEW:

ELBOW SPLICE BOX FEED  
ELBOW FEED



REFLECTED CEILING PLAN VIEW:

JOINER



# BUS-22R

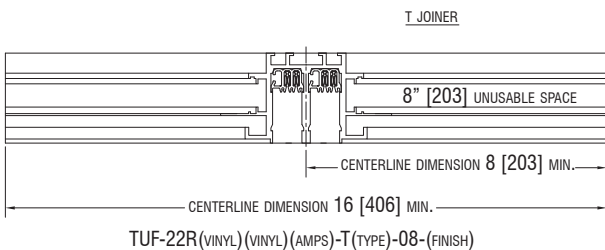
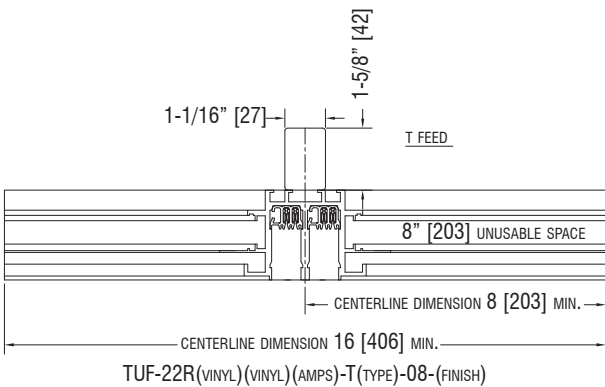
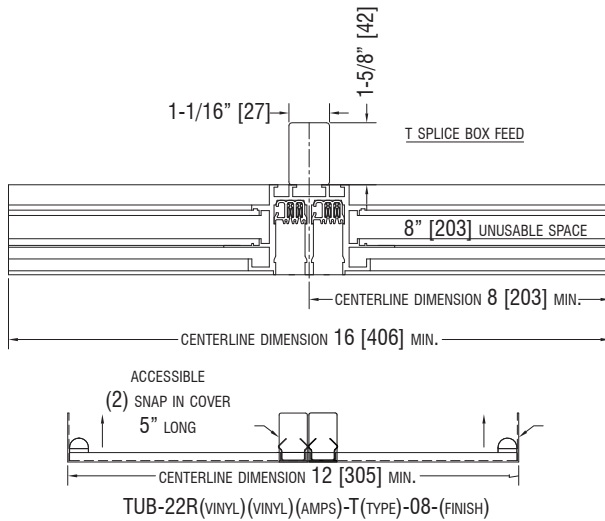
X, T, L Configurations

Project Name

Type

Clear Form

## T-Dimensions (Typical):



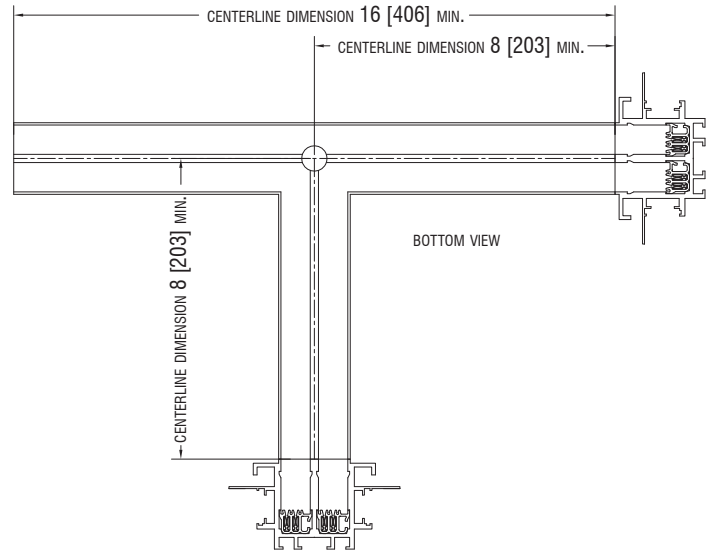
MAXIMUM UNIT LENGTH IS 10' [3048] UNINTERRUPTED SPAN. SPLICE KITS TO ADJACENT SECTIONS OCCUPY 4" [102] FOR 16, 20 AND 30 AMP CAPACITY AND 6" FOR 60 AMP CAPACITY. WHEN CALCULATING PLUG-IN SPACE:

$$(\text{TOTAL LENGTH OF SECTION}) - (\text{FEED}) - (\text{SPLICE KIT}/2) = \text{TOTAL AVAILABLE PLUG-IN SPACE}$$

FOR FITTER LENGTHS, PLEASE SEE FIXTURE CUTSHEETS.

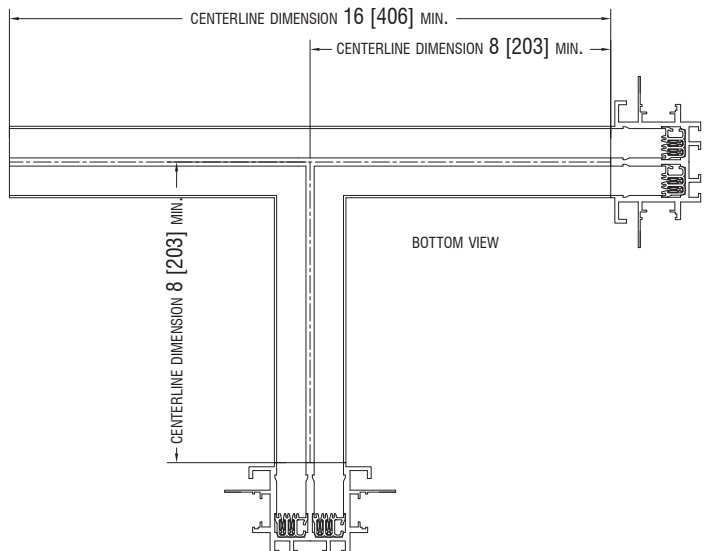
## REFLECTED CEILING PLAN VIEW:

ELBOW SPLICE BOX FEED  
ELBOW FEED



## REFLECTED CEILING PLAN VIEW:

JOINER



# BUS-22R

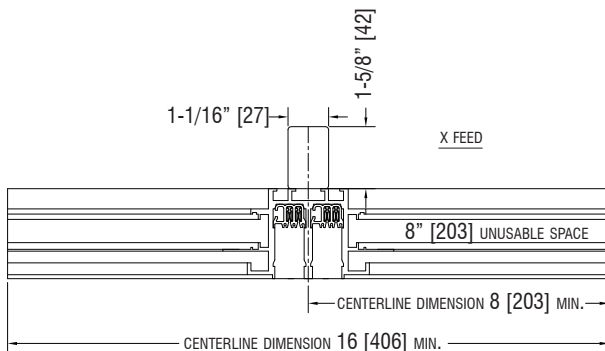
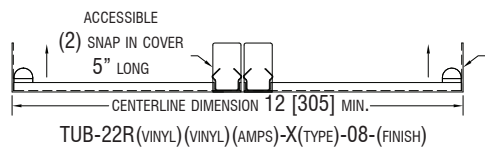
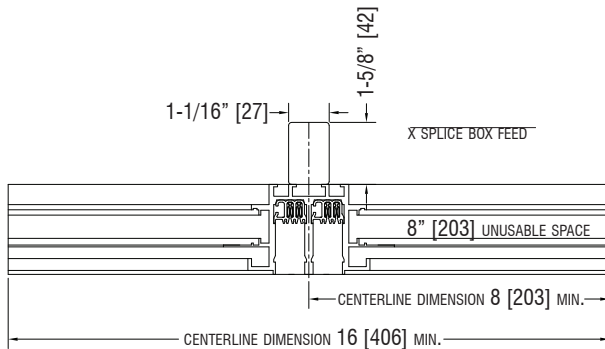
X, T, L Configurations

Project Name

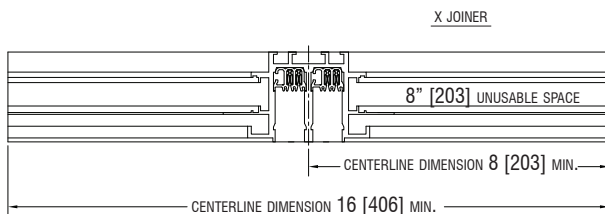
Type

Clear Form

## X-Dimensions (Typical):



TUF-22R(VINYL)(VINYL)(AMPS)-X(TYPE)-08-(FINISH)



TUF-22R(VINYL)(VINYL)(AMPS)-X(TYPE)-08-(FINISH)

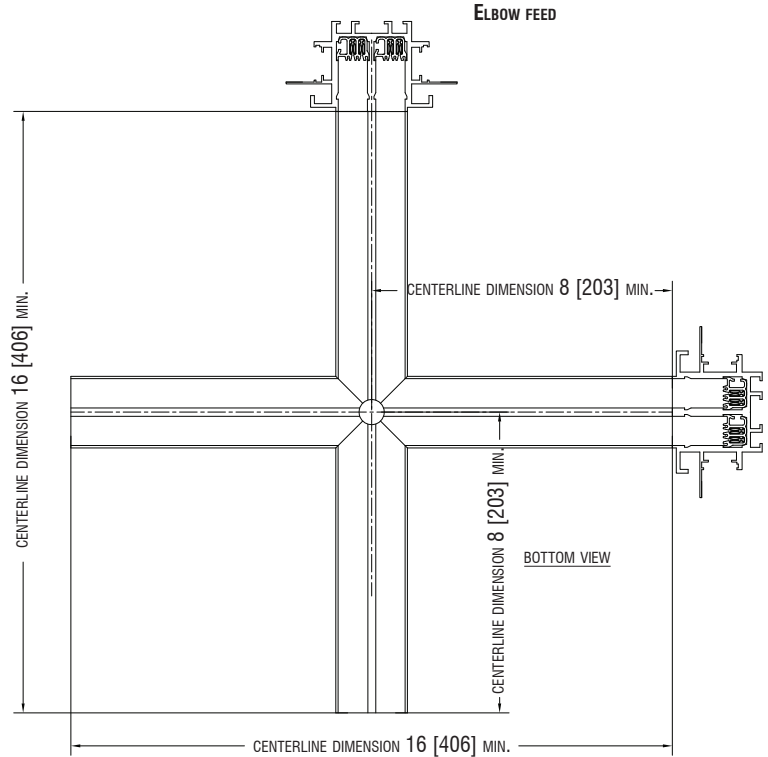
MAXIMUM UNIT LENGTH IS 10' [3048] UNINTERRUPTED SPAN. SPLICE KITS TO ADJACENT SECTIONS OCCUPY 4" [102] FOR 16, 20 AND 30 AMP CAPACITY AND 6" FOR 60 AMP CAPACITY. WHEN CALCULATING PLUG-IN SPACE:

$$(\text{TOTAL LENGTH OF SECTION}) - (\text{FEED}) - (\text{SPLICE KIT}/2) = \text{TOTAL AVAILABLE PLUG-IN SPACE}$$

FOR FITTER LENGTHS, PLEASE SEE FIXTURE CUTSHEETS.

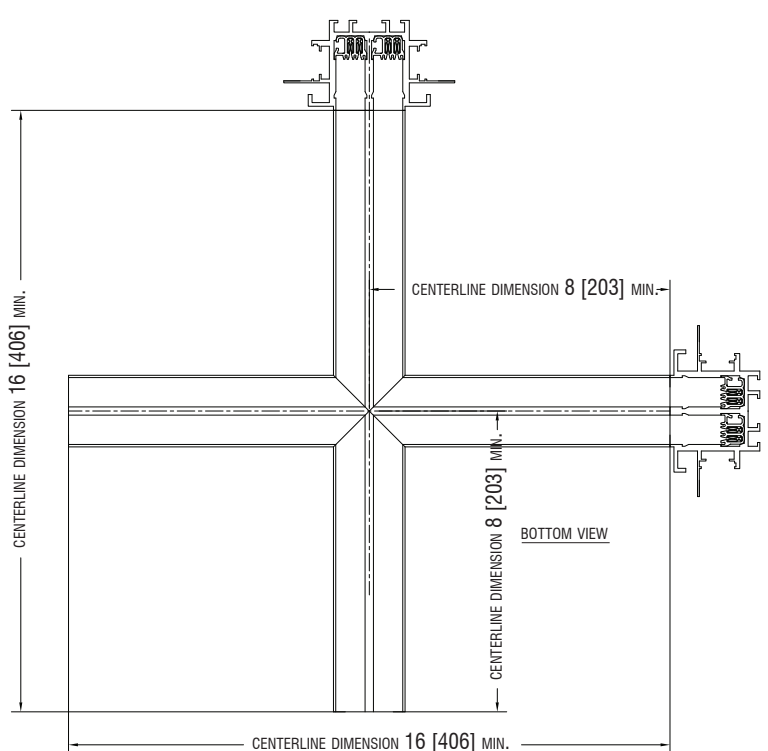
REFLECTED CEILING PLAN VIEW:

ELBOW SPLICE BOX FEED  
ELBOW FEED



REFLECTED CEILING PLAN VIEW:

JOINER



## Accessories

|  |
|--|
|  |
|--|

\_\_\_\_\_

[Clear Form](#)



- ☐ P=White
- ☐ MB = Matte Black
- ☐ NT = Brushed
- ☐ UF = Unfinished
- ☐ ST = Silver Tone

### Sign Hanger\*



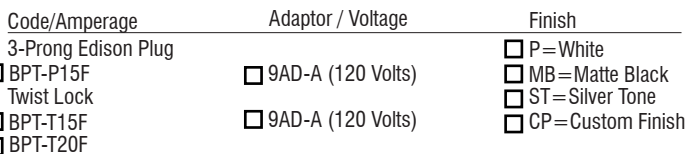
| Code                         | Adaptor | Finish                                                                                                                                                                  |
|------------------------------|---------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <input type="checkbox"/> BSH | 9ED     | <input type="checkbox"/> P = White<br><input type="checkbox"/> MB = Matte Black<br><input type="checkbox"/> ST = Silver Tone<br><input type="checkbox"/> R = Unfinished |

## Loadmatic Hanging



| Code                             | Finish                                    |
|----------------------------------|-------------------------------------------|
| <input type="checkbox"/> BSH-UNI | <input type="checkbox"/> P = White        |
|                                  | <input type="checkbox"/> MB = Matte Black |
|                                  | <input type="checkbox"/> R = Unfinished   |

## PowerDown Breaker\*



Technical drawing of the BPT-K15B Single Pole Breaker Switch. The drawing shows a side view of the switch with dimensions: 4 5/8" [117] for the top width, 15 1/16" [34] for the top depth, 5 3/8" [137] for the main body height, 4" [102] for the main body depth, and 7" [178] for the base width. A callout points to the switch handle with the text "Single Pole Breaker Switch\* Specify Amperage".

| Code/Amperage | Adaptor / Voltage | Finish           |
|---------------|-------------------|------------------|
| BPT-K15B      | 9AD (120 Volts)   | P=White          |
| BPT-K20B      | 9AD (120 Volts)   | MB=Matte Black   |
| BPT-K30B      | 9AD (120 Volts)   | ST=Silver Tone   |
|               |                   | CP=Custom Finish |

Includes knockouts

\* Includes 11" Safety Cable