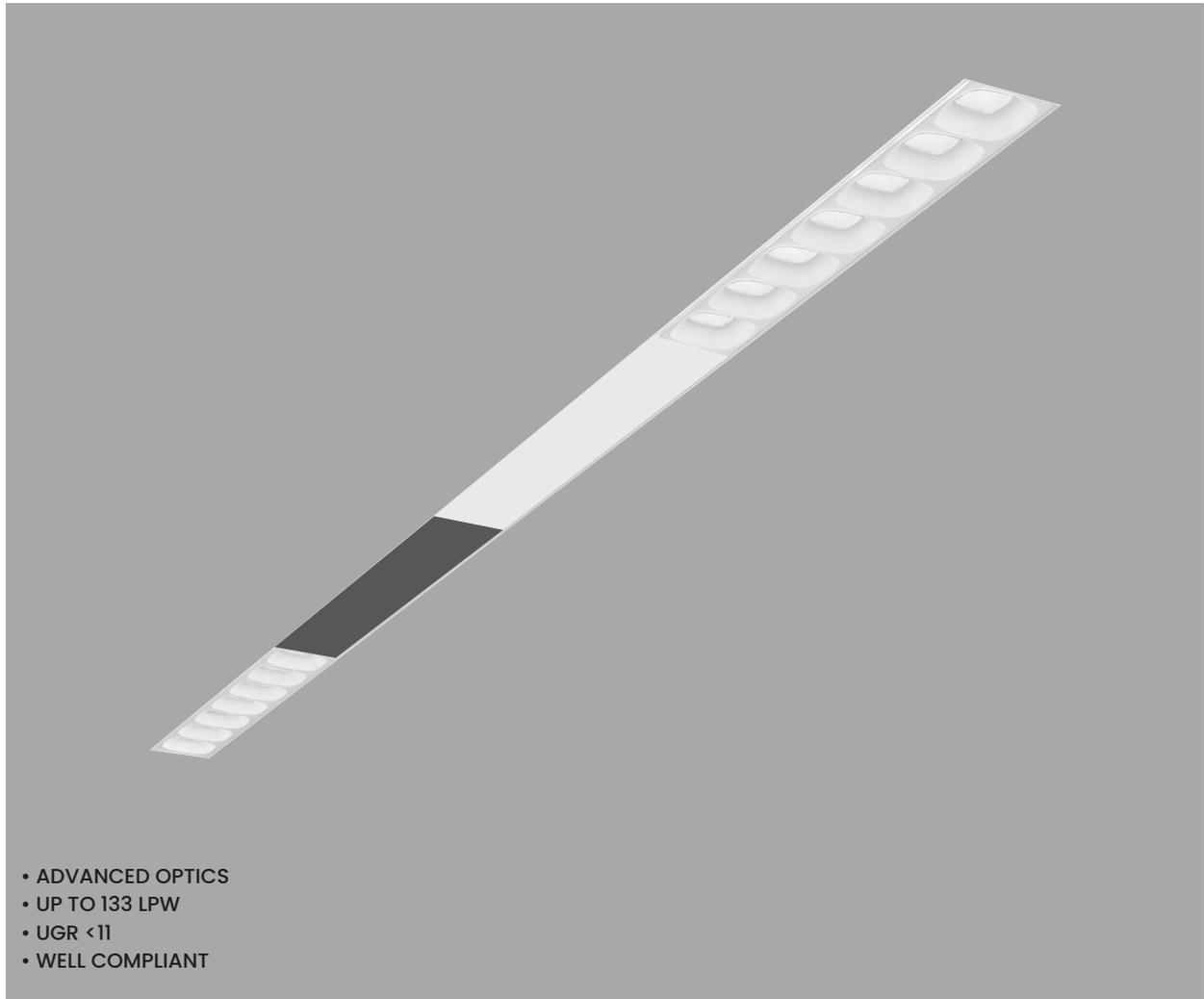


TV MINI COMBINE

RECESSED MOUNT

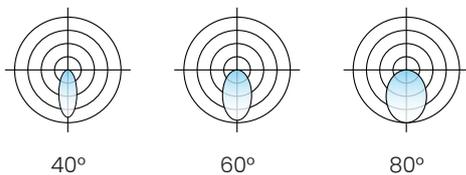


- ADVANCED OPTICS
- UP TO 133 LPW
- UGR < 11
- WELL COMPLIANT

The **TV Mini Series** ushers in a bold new chapter for Mercury Lighting. Engineered with proprietary optics, exceptional LPW performance, and low UGR for superior glare control, the TV Mini Series sets a new standard as the flagship of the Mercury Architectural Lighting line.

With highly customizable and configurable options, the **TV Mini Series** delivers virtually limitless application possibilities—bringing precision, performance, and visual comfort to every space.

UL and CUL listed 1598 and bears their label. Suitable for damp locations.



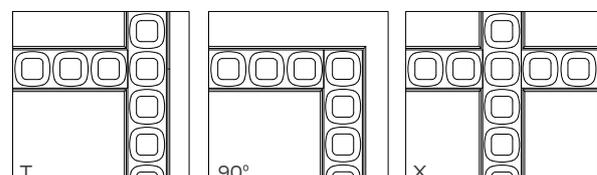
MOUNTING



Recessed Mount

| Fixture type: | Job information: |
|---------------|------------------|
| | |

CONNECTORS



TV MINI COMBINE RECESSED MOUNT



PRODUCT DEFINITION SHEET

Ex: TV MINI SERIES-N5-44-30K-600-60-48-927K-500-W-W-1-U-EM10-SR-AU

| | | | | | | | |
|---|----|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |

| 1 | | 2 | | 3 | | 4 | | 5 | | 6 | |
|--------------------------|-----------------|-----------------------------|---------------------------|---|---------------|------------------------------|--------------------------|--------------------------|-----|------------------------------|-----|
| SERIES | | MOUNTING | | LOUVER LENGTH | | COLOR TEMP-CCT | | LUMENS/FT | | DISTRIBUTION | |
| <input type="checkbox"/> | TV MINI COMBINE | <input type="checkbox"/> | N5 Trimless 5/8" | <input type="checkbox"/> | 44" (4x11") | 90 CRI | | <input type="checkbox"/> | 400 | <input type="checkbox"/> | 40° |
| <input type="checkbox"/> | | <input type="checkbox"/> | N1 Trimless 1/2" | <input type="checkbox"/> | 88" (8x11") | <input type="checkbox"/> | 27K 2700K | <input type="checkbox"/> | 500 | <input type="checkbox"/> | 60° |
| <input type="checkbox"/> | | <input type="checkbox"/> | F Flange Trim for drywall | <input type="checkbox"/> | 132" (12x11") | <input type="checkbox"/> | 30K 3000K | <input type="checkbox"/> | 600 | <input type="checkbox"/> | 80° |
| <input type="checkbox"/> | | <input type="checkbox"/> | G9 Grid 9/16" flat T grid | Custom or Row Length. Louver cells are available in 1" increments. If the fixture length doesn't align with these optic increments, blanks will be added to each end. | | <input type="checkbox"/> | 35K 3500K | <input type="checkbox"/> | 800 | *For 80° crystal louver only | |
| <input type="checkbox"/> | | G15 Grid 15/16" flat T grid | <input type="checkbox"/> | | | 40K 4000K | <input type="checkbox"/> | 900* | | | |
| <input type="checkbox"/> | | S Screw Slot | <input type="checkbox"/> | | | TW Tunable White 2700K-6500K | | | | | |
| <input type="checkbox"/> | | SI 9/16" Interlude | | | | | | | | | |
| <input type="checkbox"/> | | T9 9/16" Tegular | | | | | | | | | |
| <input type="checkbox"/> | | TI5 15/16" Tegular | | | | | | | | | |

Ex. in inches: 55", 66", 99"

| 7 | | 8 | | 9 | | 10 | | 11 | |
|--|------|--------------------------|------------------------------|--------------------------|----------|---|----------------------|--------------------------|-----------|
| LENS LENGTH | | COLOR TEMP-CCT | | LENS LUMENS/FT | | BODY FINISH | | LOUVER FINISH | |
| <input type="checkbox"/> | 48" | 80 CRI | | <input type="checkbox"/> | A05 LENS | <input type="checkbox"/> | W White | <input type="checkbox"/> | W White |
| <input type="checkbox"/> | 96" | <input type="checkbox"/> | 30K 3000K | <input type="checkbox"/> | 400 | <input type="checkbox"/> | B Black | <input type="checkbox"/> | B Black |
| <input type="checkbox"/> | 144" | <input type="checkbox"/> | 35K 3500K | <input type="checkbox"/> | 500 | <input type="checkbox"/> | Custom RAL No. _____ | <input type="checkbox"/> | C Crystal |
| Custom or Row Length. 24" and above in 1" increments. Ex. in inches: 82, 384, etc. Use grid on page 7 to specify desired Louver, Lens and Blanck cover distribution. | | <input type="checkbox"/> | 40K 4000K | <input type="checkbox"/> | 625 | Custom powder coat color matching is available for a setup fee. Consult Mercury Lighting for additional information. | | | |
| | | <input type="checkbox"/> | 50K 5000K* | <input type="checkbox"/> | 825 | | | | |
| | | <input type="checkbox"/> | TW Tunable White 2700K-6500K | <input type="checkbox"/> | 950 | | | | |
| | | *Upon request | | <input type="checkbox"/> | 1025 | | | | |
| | | 90 CRI | | <input type="checkbox"/> | 400 | | | | |
| | | <input type="checkbox"/> | 927K 2700K | <input type="checkbox"/> | 500 | | | | |
| | | <input type="checkbox"/> | 930K 3000K | <input type="checkbox"/> | 625 | | | | |
| | | <input type="checkbox"/> | 935K 3500K | <input type="checkbox"/> | 825 | | | | |
| | | <input type="checkbox"/> | 940K 4000K | <input type="checkbox"/> | 1000 | | | | |

| 12 | | 13 | | 14 | | 15 | | 16 | |
|--------------------------|-------------------------------|--------------------------|----------------|--|----------------------------|---|-----------------|--------------------------|--------------------|
| DRIVER | | VOLTAGE | | STANDBY MODULES | | SENSOR READY | | LIGHTING CONTROLS | |
| <input type="checkbox"/> | 1 0-10% Dimming | <input type="checkbox"/> | U Uni 120-277V | <input type="checkbox"/> | EM10 Emergency Battery 10W | <input type="checkbox"/> | SR Sensor Ready | <input type="checkbox"/> | AU Autani |
| <input type="checkbox"/> | IDD 0-10% Dimming Dim to Dark | <input type="checkbox"/> | 1 120V | <input type="checkbox"/> | EM12 Emergency Battery 12W | Required for Certain Controls, Contact Mercury Lighting | | <input type="checkbox"/> | AVI Avi-On |
| <input type="checkbox"/> | eL eldoLED Solo 0.1% | <input type="checkbox"/> | 7 277V | <input type="checkbox"/> | NO OPTION | | | <input type="checkbox"/> | CA Casambi |
| <input type="checkbox"/> | LDE1 Lutron Hi-Lume | <input type="checkbox"/> | - As Specified | Remote Emergency Battery Pack, for field install | | | | <input type="checkbox"/> | LV Leviton |
| <input type="checkbox"/> | - As Specified | | | | | | | <input type="checkbox"/> | LT Lutron |
| | | | | | | | | <input type="checkbox"/> | NL nLight |
| | | | | | | | | <input type="checkbox"/> | PS Philips/Signify |
| | | | | | | | | <input type="checkbox"/> | WA Wattstopper |
| | | | | | | | | <input type="checkbox"/> | CU Current nx |
| | | | | | | | | <input type="checkbox"/> | NO No option |

Consult Mercury Lighting for further information and other options.

Mercury should be notified if the controls are to be Wireless, Networked Lighting Controls, 0-10V Dimming, DMX, etc.

If controls aren't specified, the fixture ships 0-10V, 1% dimming, unified D/I control.

TV MINI COMBINE RECESSED MOUNT



MATERIAL

Extruded aluminum profile in a 0.080-inch wall thickness.
Internal cold-rolled steel components.
Non-glare polyester powder coating provides an extremely durable and long lasting finish.
High diffusion extruded acrylic lens

SOURCE INFORMATION

| | |
|----------------|---|
| INPUT VOLTAGE | 120V-277V, 50HZ-60HZ. |
| COLOR TEMP-CCT | 2700K/3000K/3500K/4000K/ Tunable White 2700K-6500K |
| CRI | 90/80* (*For lens only) |

DRIVERS

Factory programmable constant current LED power supply.
Multiple standard drive current outputs (factory set by Mercury) are cataloged with their corresponding lumensperfoot offering.

STANDBY LIGHTING OPTIONS

Self contained module, 10W or 12W as specified.
Battery backup upon loss of power. Available in modules of 4-ft. and longer. (Limited to 625 Lumens per foot packages).

STANDARD COLORS

White / Black

LOUVER OPTIONS

Black



White



Crystal



LENS PERFORMANCE

Based on 4Ft. Module, 3500K, 80 CRI- Signify LV6 LED Boards.
Actual performance may differ by +/- 5% when operating between 120V-277V +/- 10%. Consult Factory for 90 CRI performances.

A05 LENS

| Lumens per Foot (LF) | Delivered Lumens (L) | System Watts (W) | Lumens per Watt (LPW) |
|----------------------|----------------------|------------------|-----------------------|
| 400 | 1600 | 15.0 | 107 |
| 500 | 2000 | 18.7 | 107 |
| 625 | 2500 | 23.5 | 106 |
| 825 | 3300 | 31.5 | 105 |
| 950 | 3800 | 36.6 | 104 |

A10 LENS

| Lumens per Foot (LF) | Delivered Lumens (L) | System Watts (W) | Lumens per Watt (LPW) |
|----------------------|----------------------|------------------|-----------------------|
| 400 | 1600 | 14.3 | 112 |
| 500 | 2000 | 17.9 | 112 |
| 625 | 2500 | 22.5 | 111 |
| 825 | 3300 | 29.9 | 110 |
| 1000 | 4000 | 36.8 | 109 |

A15 LENS

| Lumens per Foot (LF) | Delivered Lumens (L) | System Watts (W) | Lumens per Watt (LPW) |
|----------------------|----------------------|------------------|-----------------------|
| 400 | 1600 | 13.7 | 117 |
| 500 | 2000 | 17.1 | 117 |
| 625 | 2500 | 21.5 | 116 |
| 825 | 3300 | 28.5 | 116 |
| 1025 | 4100 | 35.8 | 115 |

NOTE:
Multiplier for other Color Temp (k)
3000K 97%
3500K 100%
4000K 102%
5000K 103%



TV MINI COMBINE RECESSED MOUNT

LOUVER PERFORMANCE

Based on 90 CRI-3500K LEDs and 4Ft Fixtures
Actual performance may differ by +/- 5% when operating
between 120V-277V +/- 10%. Consult Factory for 90 CRI
performances.

Multiplier for other Color Temp (k)
3000K 97%
3500K 100%
4000K 102%
5000K 103%



WHITE LOUVER – 40° UGR <11

| Lumens per Foot (LF) | Delivered Lumens (L) | System Watts (W) | Lumens per Watt (LPW) |
|----------------------|----------------------|------------------|-----------------------|
| 400 | 1600 | 13 | 123 |
| 500 | 2000 | 16 | 125 |
| 625 | 2500 | 20 | 125 |
| 850 | 3400 | 29 | 117 |

BLACK LOUVER – 40° UGR <11

| Lumens per Foot (LF) | Delivered Lumens (L) | System Watts (W) | Lumens per Watt (LPW) |
|----------------------|----------------------|------------------|-----------------------|
| 400 | 1600 | 13 | 123 |
| 500 | 2000 | 16 | 125 |
| 625 | 2500 | 21 | 119 |
| 830 | 3320 | 29 | 114 |

WHITE LOUVER – 60° UGR <14

| Lumens per Foot (LF) | Delivered Lumens (L) | System Watts (W) | Lumens per Watt (LPW) |
|----------------------|----------------------|------------------|-----------------------|
| 400 | 1600 | 13 | 123 |
| 500 | 2000 | 17 | 118 |
| 625 | 2500 | 21 | 119 |
| 825 | 3300 | 29 | 114 |

BLACK LOUVER – 60° UGR <14

| Lumens per Foot (LF) | Delivered Lumens (L) | System Watts (W) | Lumens per Watt (LPW) |
|----------------------|----------------------|------------------|-----------------------|
| 400 | 1600 | 13 | 123 |
| 500 | 2000 | 17 | 118 |
| 625 | 2500 | 22 | 114 |
| 810 | 3240 | 29 | 112 |

WHITE LOUVER – 80° UGR <14

| Lumens per Foot (LF) | Delivered Lumens (L) | System Watts (W) | Lumens per Watt (LPW) |
|----------------------|----------------------|------------------|-----------------------|
| 400 | 1600 | 12 | 133 |
| 500 | 2000 | 15 | 133 |
| 625 | 2500 | 20 | 125 |
| 825 | 3300 | 26 | 127 |
| 885 | 3540 | 29 | 122 |

BLACK LOUVER – 80° UGR <14

| Lumens per Foot (LF) | Delivered Lumens (L) | System Watts (W) | Lumens per Watt (LPW) |
|----------------------|----------------------|------------------|-----------------------|
| 400 | 1600 | 13 | 123 |
| 500 | 2000 | 16 | 125 |
| 625 | 2500 | 20 | 125 |
| 860 | 3440 | 29 | 119 |

CRYSTAL LOUVER – 40° UGR <11

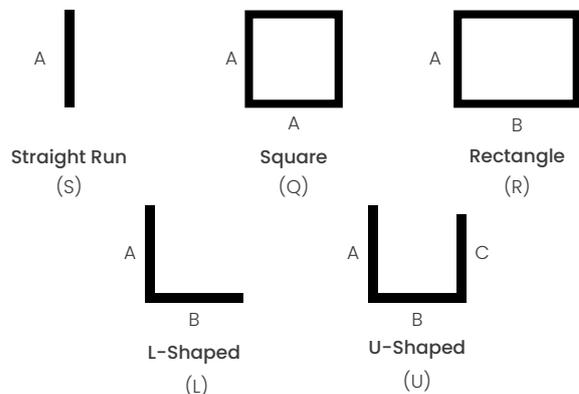
| Lumens per Foot (LF) | Delivered Lumens (L) | System Watts (W) | Lumens per Watt (LPW) |
|----------------------|----------------------|------------------|-----------------------|
| 400 | 1600 | 13 | 123 |
| 500 | 2000 | 16 | 125 |
| 625 | 2500 | 20 | 125 |
| 850 | 3400 | 29 | 117 |



CRYSTAL LOUVER – 60° UGR <14

| Lumens per Foot (LF) | Delivered Lumens (L) | System Watts (W) | Lumens per Watt (LPW) |
|----------------------|----------------------|------------------|-----------------------|
| 400 | 1600 | 13 | 123 |
| 500 | 2000 | 16 | 125 |
| 625 | 2500 | 21 | 119 |
| 830 | 3320 | 29 | 114 |

SHAPES/PATTERNS

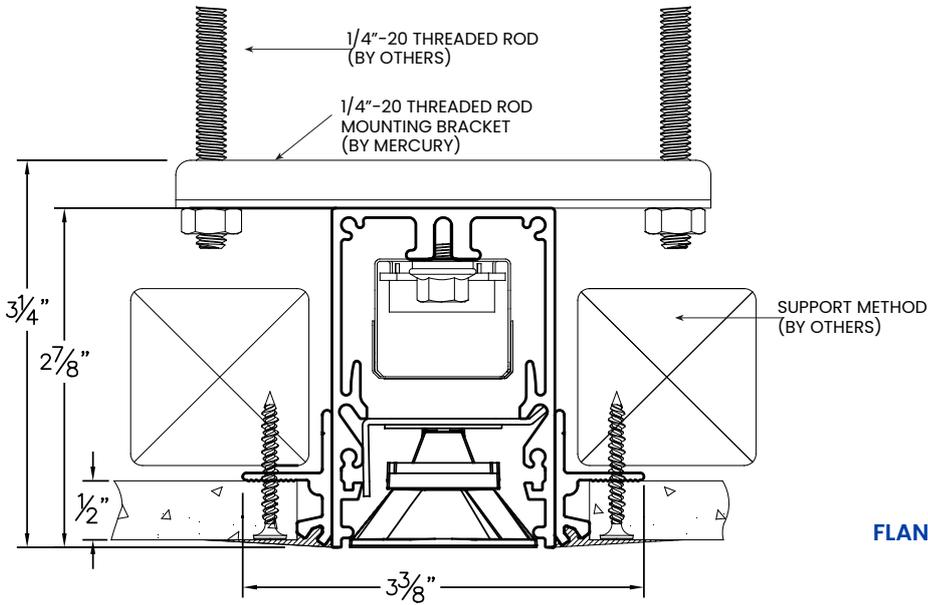


For other shapes/patterns consult the factory.

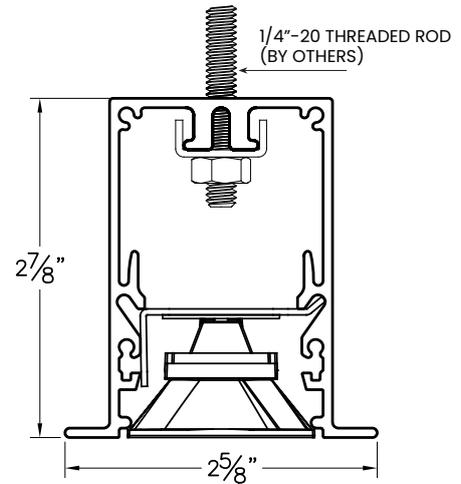
TV MINI COMBINE RECESSED MOUNT

MOUNTING

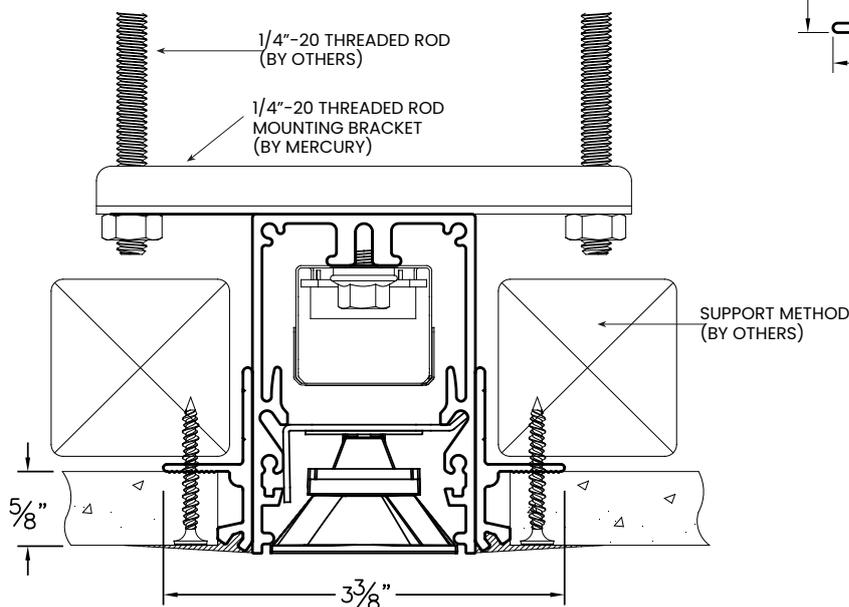
N1 TRIMLESS FIT FOR 1/2" DRYWALL (REQUIRES PLASTERING-IN AFTER INSTALLATION BY OTHERS)



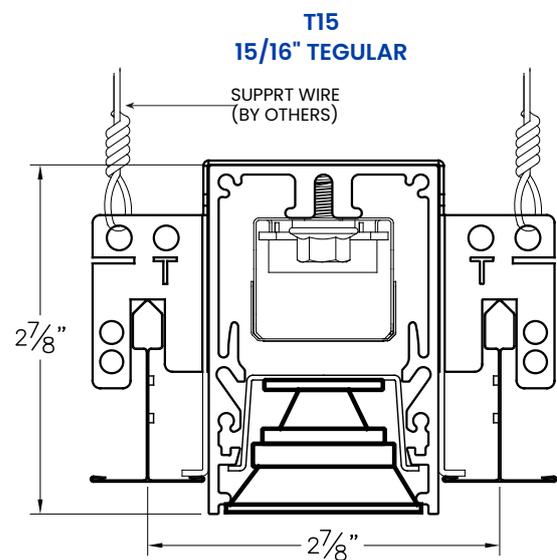
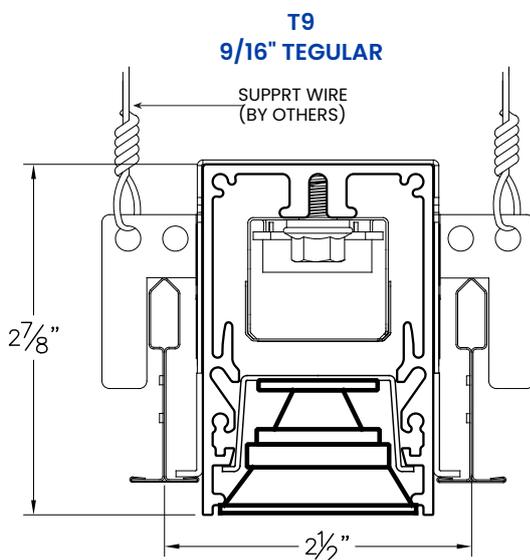
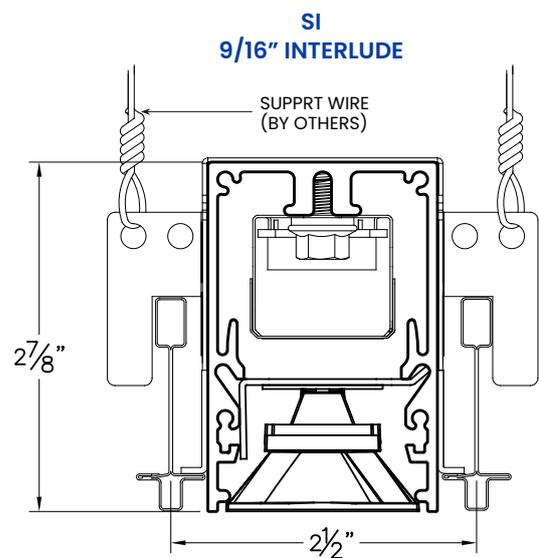
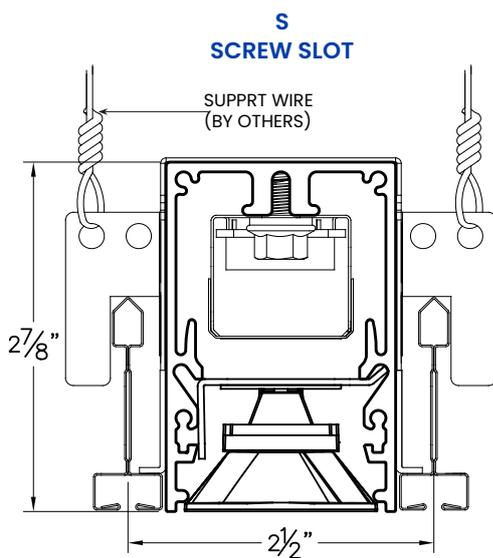
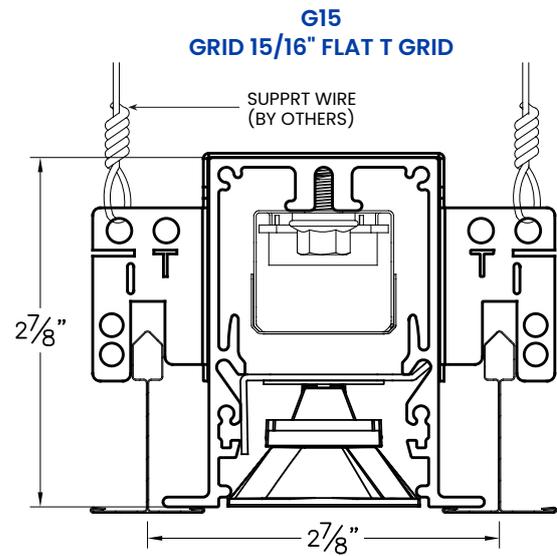
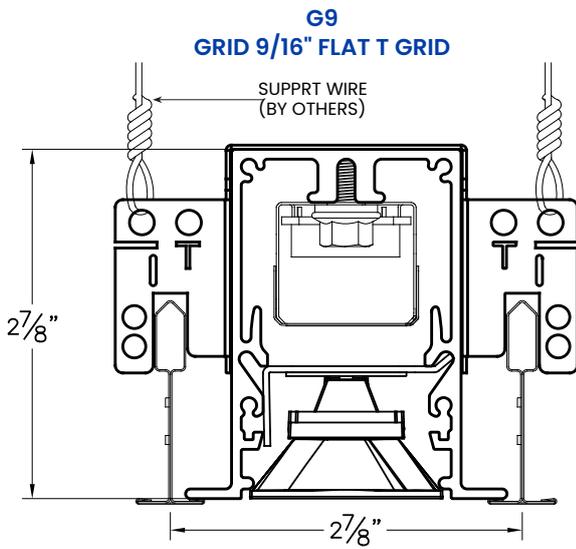
F FLANGE TRIM FOR DRYWALL



N5 TRIMLESS FIT FOR 5/8" DRYWALL (REQUIRES PLASTERING-IN AFTER INSTALLATION BY OTHERS)



TV MINI COMBINE RECESSED MOUNT



TV MINI COMBINE

RECESSED MOUNT



PATTERN CONFIGURATOR



Use grid below to sketch desired Optic cells (Louver), Lens and Blanck cover distribution.
Note: It should be at leats 7 optic cells in a row

A large, empty grid of 30 columns and 30 rows, intended for sketching the distribution of optic cells, louvers, lenses, and blank covers.