

|          |           |
|----------|-----------|
| Project: | Type:     |
|          | Comments: |



## Highlights

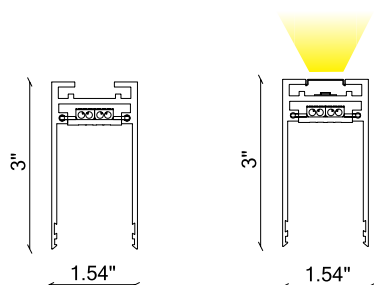
The TechoLED Magnetic Track System is a creative and flexible architectural lighting solution. The track has virtually unlimited capability to create shapes and patterns, from simple rectangles to complex curves and circles, including custom radii with both the track and the illuminated modules. Light components, ranging from solid linear, louvre, and wall washer to adjustable spotlights and pendant cylinders, snap into the track magnetically and can be repositioned by hand without tools. It is a superb and creative lighting solution for any modern interior.

**LED:** Osram & Cree LED Chips, 2700-5000K, dim-to-warm and tunable white available, 90+ CRI

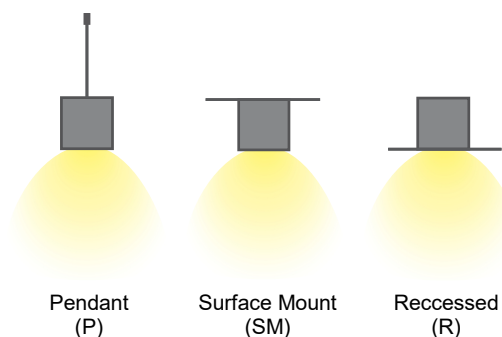
**OPTICAL:** Direct and direct/indirect illumination, variety of beam angles available on all spotlight and louvered modules

**CONSTRUCTION:** High-grade aluminum extrusions, 24V remote driver, powder coat finish, curves – standard and custom, continuous linear runs, X, T, L as well as wall-to-ceiling and inner/outer corners available for virtually unlimited patterns, built-in indirect illumination available

## Cross Section



## Installation



|          |           |
|----------|-----------|
| Project: | Type:     |
|          | Comments: |

## Configuration Example

| Model #               | Distribution | Length | Voltage  | Finish | Mounting |
|-----------------------|--------------|--------|----------|--------|----------|
| TECHOLED-MT-D-2-U-W-P | Direct       | 2'     | 110-277V | White  | Pendant  |

## Ordering Guide:

Select one option from each group below. For a custom preference please contact [sales@techoled.com](mailto:sales@techoled.com)

| 1-FIXTURE ID |                | 2-DISTRIBUTION |                 | 3-LENGTH |        | 4-VOLTAGE |          |
|--------------|----------------|----------------|-----------------|----------|--------|-----------|----------|
| <b>MT</b>    | Single Circuit | <b>D</b>       | Direct          | <b>2</b> | 2'     | <b>U</b>  | 110-277V |
| <b>MT2</b>   | Double Circuit | <b>DI</b>      | Direct/Indirect | <b>4</b> | 4'     |           |          |
| <b>MTC</b>   | Casambi        |                |                 | <b>6</b> | 6'     |           |          |
| <b>MTD</b>   | Dali           |                |                 | <b>8</b> | 8'     |           |          |
|              |                |                |                 | <b>C</b> | Custom |           |          |

| 5-FINISH |               | 6-MOUNTING |                   | 7-INDIRECT COLOR TEMP. |       |
|----------|---------------|------------|-------------------|------------------------|-------|
| <b>B</b> | Black         | <b>P</b>   | Pendant           | <b>X</b>               | None  |
| <b>W</b> | White         | <b>SM</b>  | Surface Mount     | <b>27</b>              | 2700K |
| <b>C</b> | Custom (RAL#) | <b>R</b>   | Recessed          | <b>30</b>              | 3000K |
|          |               | <b>RP</b>  | Recessed (mud-in) | <b>35</b>              | 3500K |
|          |               |            |                   | <b>40</b>              | 4000K |
|          |               |            |                   | <b>50</b>              | 5000K |

|          |           |
|----------|-----------|
| Project: | Type:     |
|          | Comments: |

## Lumen Output Details

| Model #                     | Distribution | Length | Color Temp. | Wattage | Lumen Output |
|-----------------------------|--------------|--------|-------------|---------|--------------|
| TECHOLED-MT-D-2-U-W-P-DM-30 | Direct       | 2'     | 3000K       | 14W     | 1120Lm       |
| TECHOLED-MT-D-4-U-W-P-DM-30 | Direct       | 4'     | 3000K       | 28W     | 2240Lm       |
| TECHOLED-MT-D-6-U-W-P-DM-30 | Direct       | 8'     | 3000K       | 42W     | 3360Lm       |

Performance above applies to 90CRI, 3000K. Calculate 96% for 2700K, 104% for 3500K and 109% for 4000K.

## Performance

| Output | LPW | Watts/FT | Lumens/FT |
|--------|-----|----------|-----------|
| Medium | 80  | 7        | 560       |

## Voltage Details

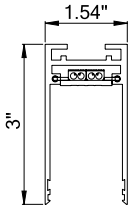
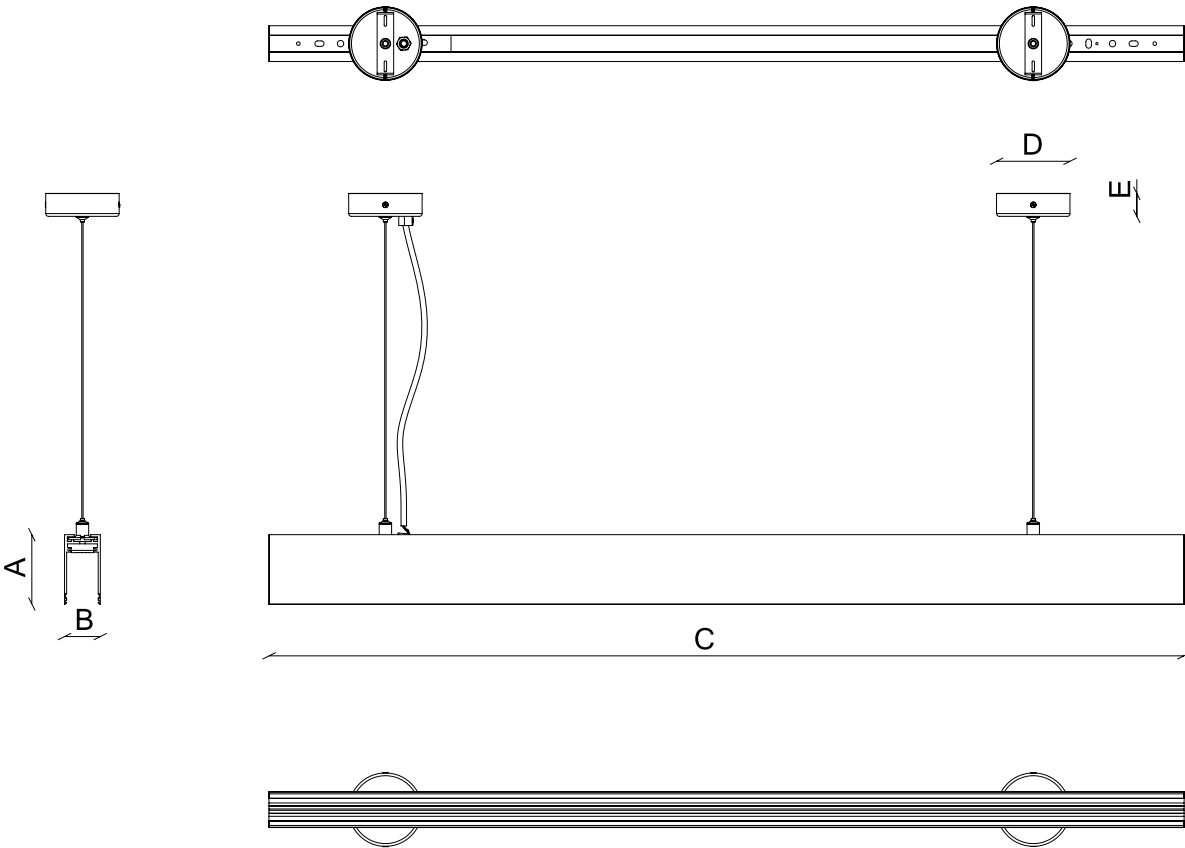
| Code | Description                              |
|------|------------------------------------------|
| U    | AC 110-277V, DC 24V, Driver not included |

## Mounting Details

| Code | Description                           |
|------|---------------------------------------|
| P    | Pendant                               |
| SM   | Surface Mount                         |
| R    | Recessed (in accessible ceiling only) |
| RP   | Recessed (mud-in)                     |

|          |           |
|----------|-----------|
| Project: | Type:     |
|          | Comments: |

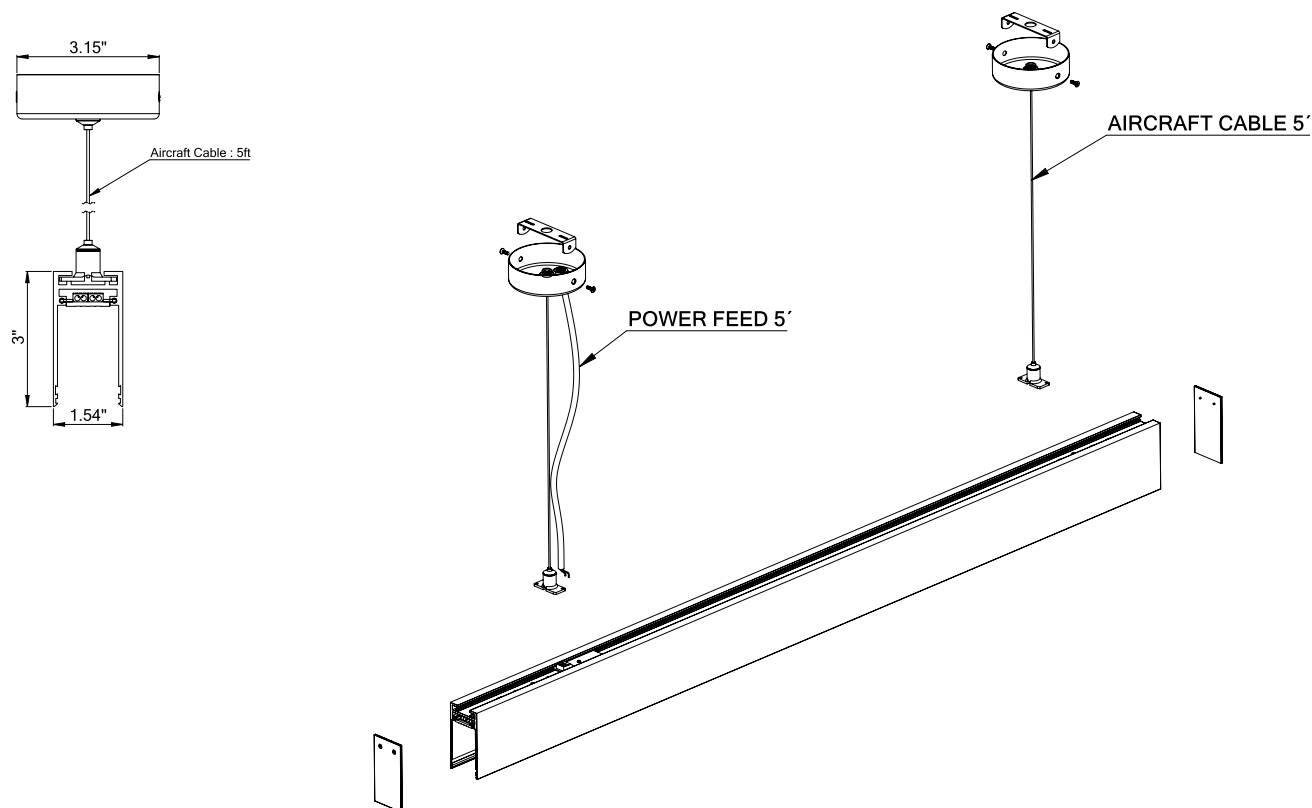
Dimension and Mounting - Direct Distribution (D)



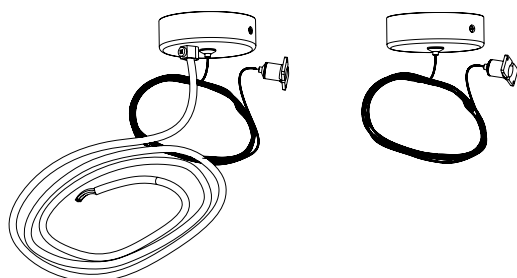
| FIXTURE ID | A  | B     | C  | D     | E  |
|------------|----|-------|----|-------|----|
| MT-D-2     | 3" | 1.54" | 2' | 3.15" | 1" |
| MT-D-4     | 3" | 1.54" | 4' | 3.15" | 1" |
| MT-D-6     | 3" | 1.54" | 6' | 3.15" | 1" |
| MT-D-8     | 3" | 1.54" | 8' | 3.15" | 1" |

|          |           |
|----------|-----------|
| Project: | Type:     |
|          | Comments: |

## ■ Pendant Mounting (D)

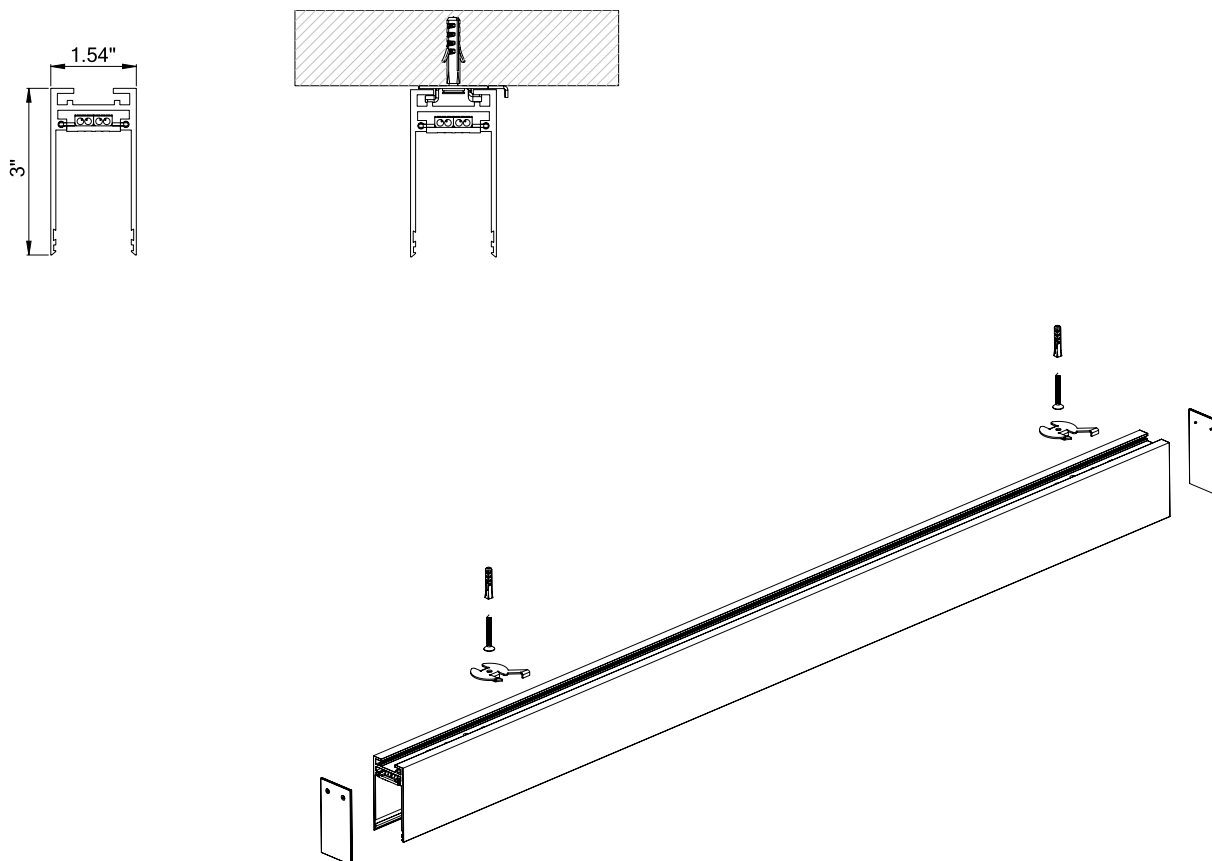


## ■ Pendant Mount Kit

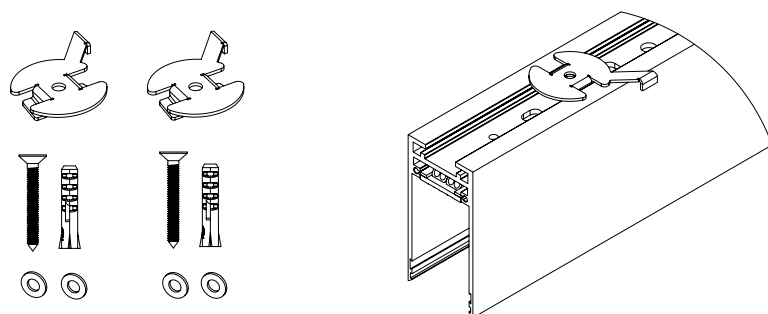


|          |           |
|----------|-----------|
| Project: | Type:     |
|          | Comments: |

## ■ Surface Mount (D)

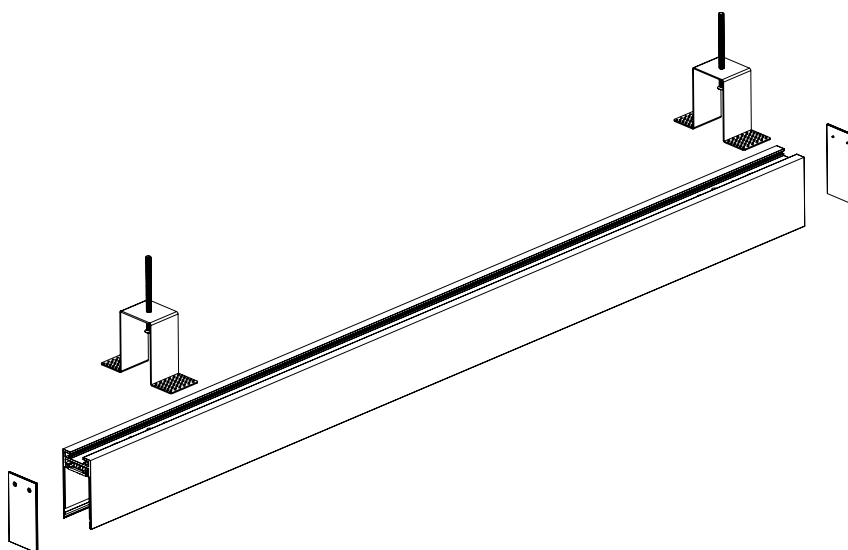
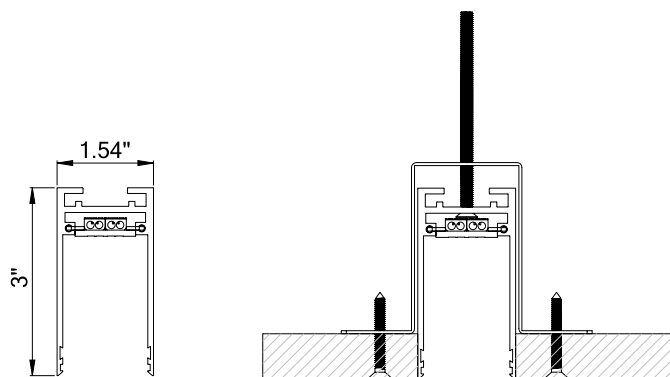


## ■ Surface Mount Kit

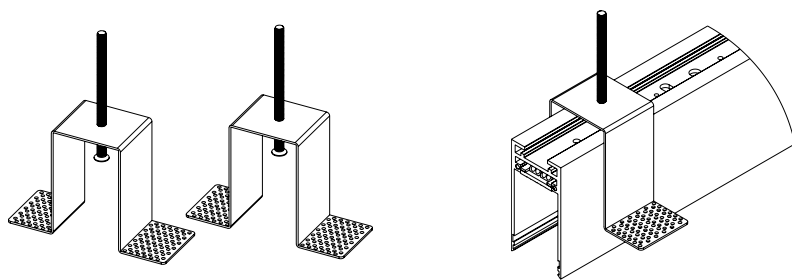


|          |           |
|----------|-----------|
| Project: | Type:     |
|          | Comments: |

## ■ Recessed Mount (D)

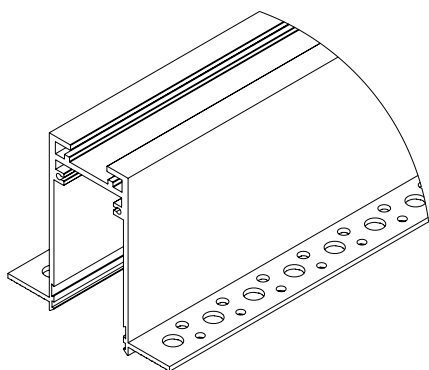
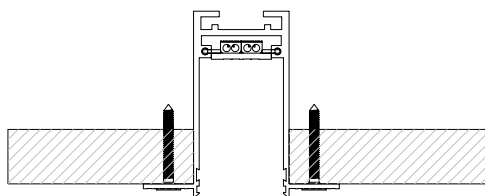
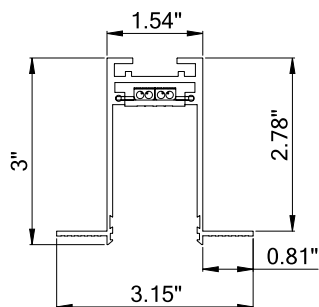


## ■ Recessed Mount Kit

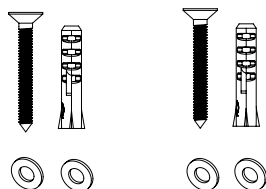


|          |           |
|----------|-----------|
| Project: | Type:     |
|          | Comments: |

■ **No-trim Recessed Mount (D) - mud in**

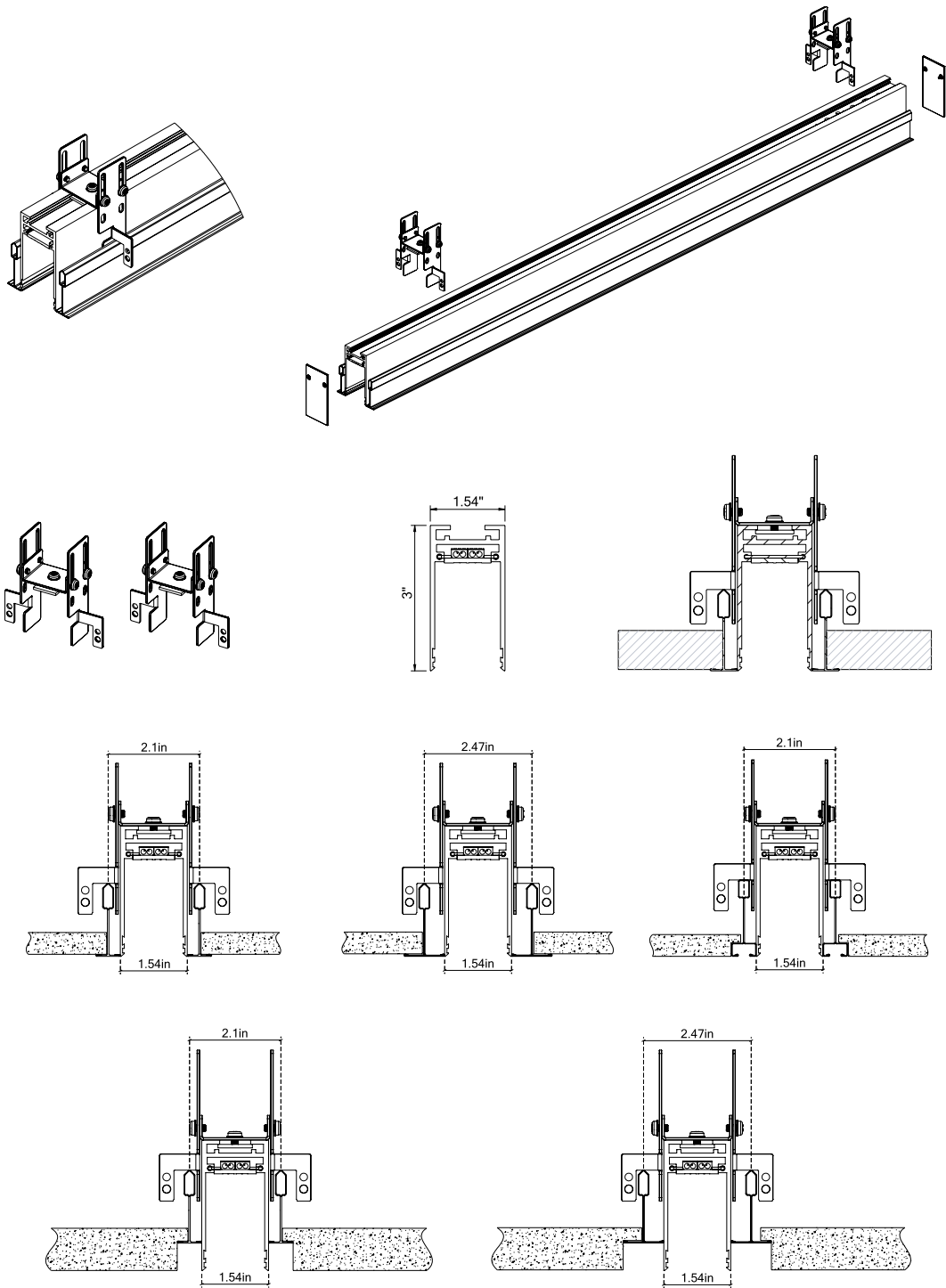


■ **No-Trim Recessed Mount Kit**



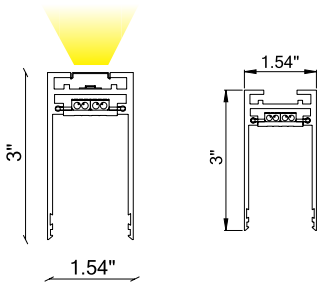
|          |           |
|----------|-----------|
| Project: | Type:     |
|          | Comments: |

■ Recessed T-grid (D)

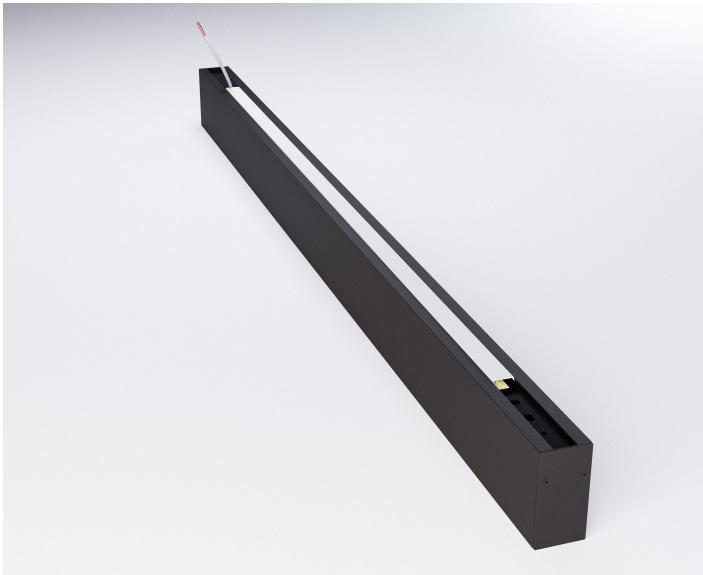
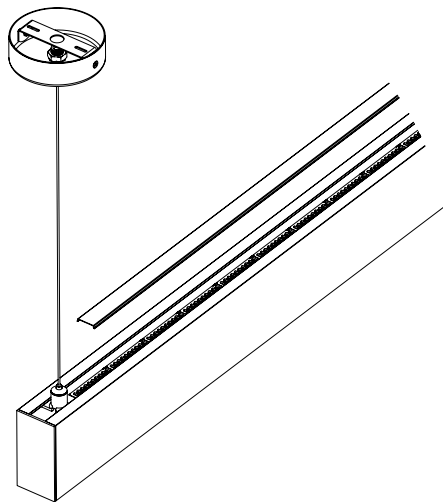
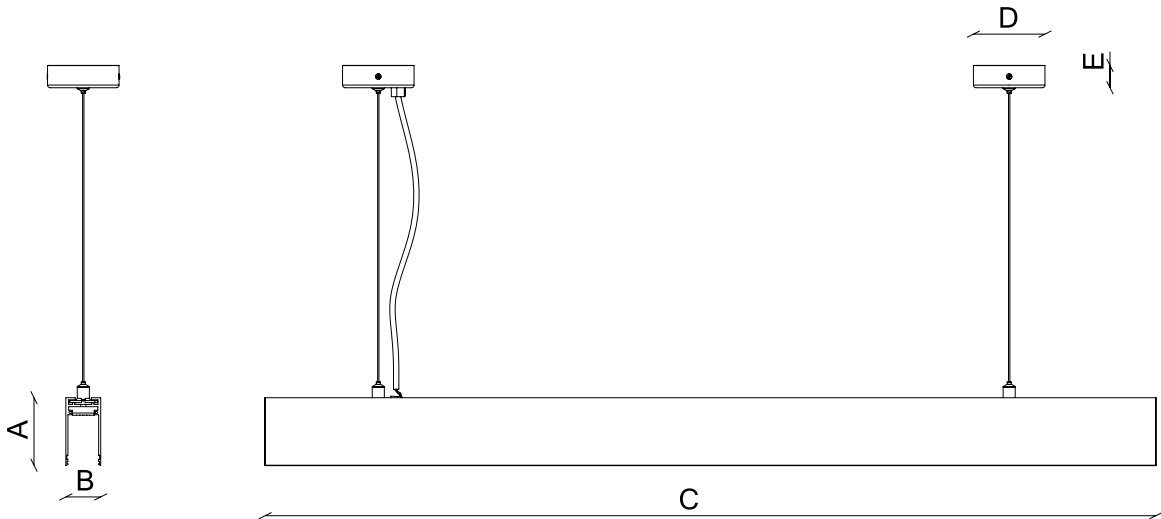


|           |       |
|-----------|-------|
| Project:  | Type: |
| Comments: |       |

Dimension and Mounting - Direct/Indirect Distribution (DI)

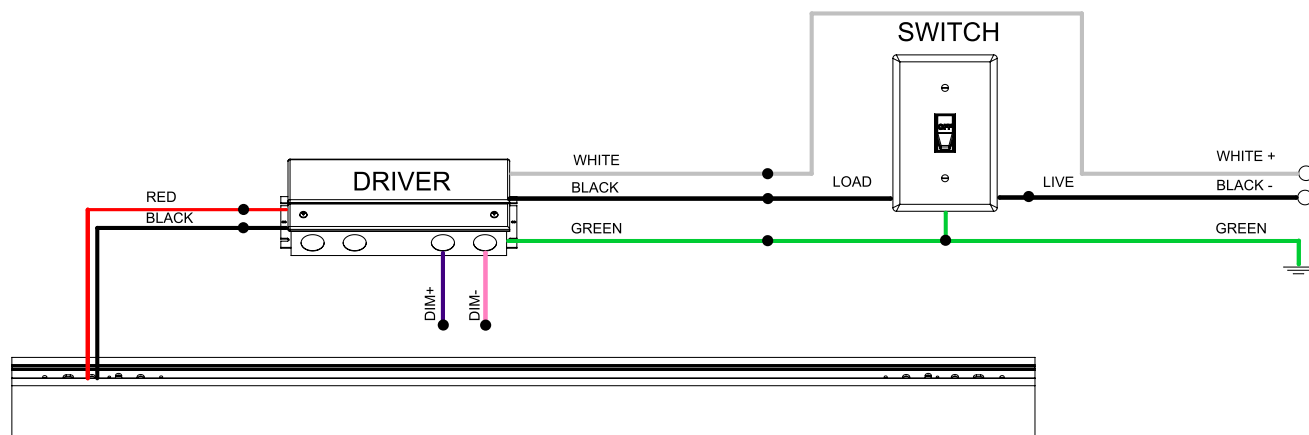


| FIXTURE ID | A  | B     | C  | D     | E  |
|------------|----|-------|----|-------|----|
| MT-DI-2    | 3" | 1.54" | 2' | 3.15" | 1" |
| MT-DI-4    | 3" | 1.54" | 4' | 3.15" | 1" |
| MT-DI-6    | 3" | 1.54" | 6' | 3.15" | 1" |
| MT-DI-8    | 3" | 1.54" | 8' | 3.15" | 1" |



|          |           |
|----------|-----------|
| Project: | Type:     |
|          | Comments: |

■ **Wiring Diagram**



|          |           |
|----------|-----------|
| Project: | Type:     |
|          | Comments: |

## Connectors



TECHOLED-MT-5DCORNER

4.33X4.33"

45° sharp corner, for pendant/surface mount and recessed installation



TECHOLED-MT-XCORNER

5.59x5.59"

X corner for pendant/surface mount and recessed installation



TECHOLED-MT-TCORNER

5.07x6.25"

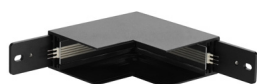
T corner for pendant/surface mount and recessed installation



TECHOLED-MT-LCORNER

3.54x3.54x2.99"

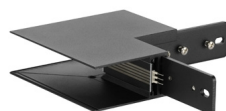
L corner for pendant/surface mount and recessed installation



TECHOLED-MT-INNCORNER

4.84x4.94x2.99"

inner corner for recessed and surface mount installation



TECHOLED-MT-OUTERCORNER

4.84x4.94x2.99"

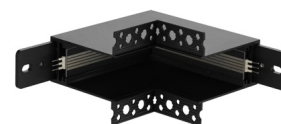
outer corner for recessed and surface mount installation



TECHOLED-MT-R-LCORNER

3.54x3.54x2.99"

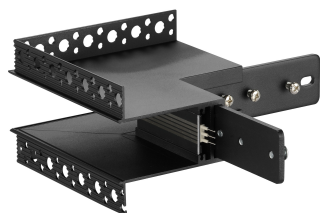
L corner for recessed mud-in installation



TECHOLED-MT-R-INNCORNER

4.84x4.84x2.99"

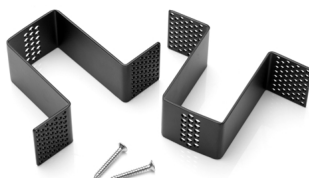
inner corner for recessed mud-in installation



TECHOLED-MT-R-OUTCORNER

4.84x4.84x2.99"

outer corner for recessed mud-in installation



TECHOLED-MT-RK

3.93x1.49x2.63"

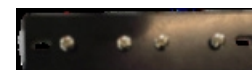
recessed flange ki



TECHOLED-MT-PK

3.14" diameter

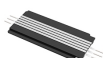
pendant kit



TECHOLED-MT-TC

4.44x1.27x0.11"

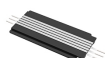
continuous linear run connector



TECHOLED-MT-PP

2.55x1.18"

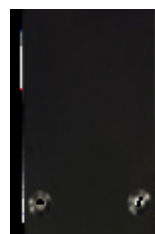
power plate, with 2 pin connection



TECHOLED-MT-DP

2.55x1.18"

decorative plate



TECHOLED-MT-EC

2.99x1.53x0.05"

end cap



TECHOLED-MT-BC

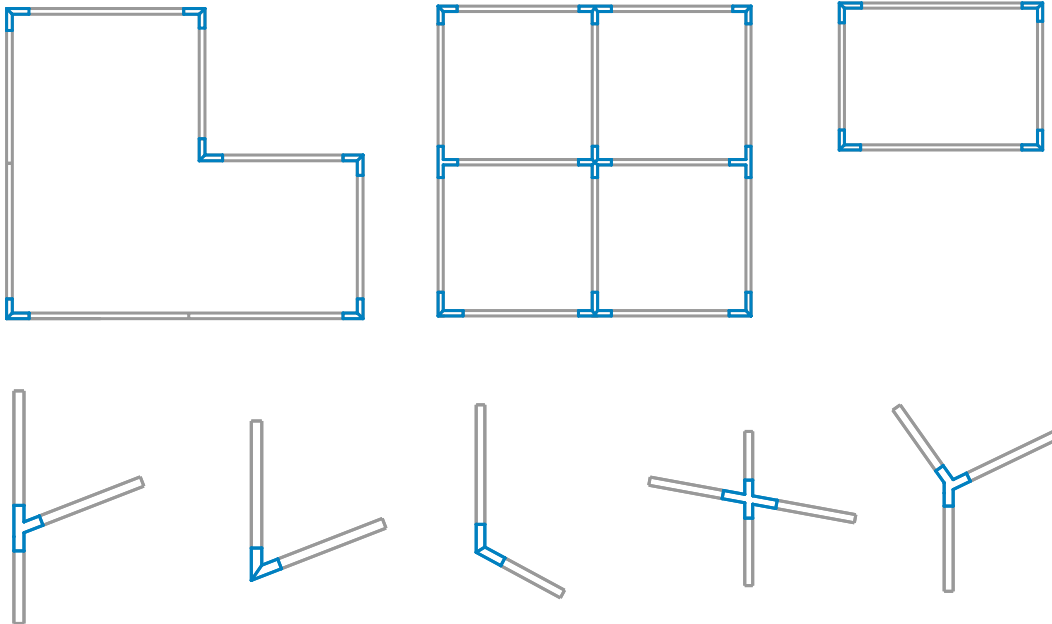
field cuttable

black insert module

|          |           |
|----------|-----------|
| Project: | Type:     |
|          | Comments: |

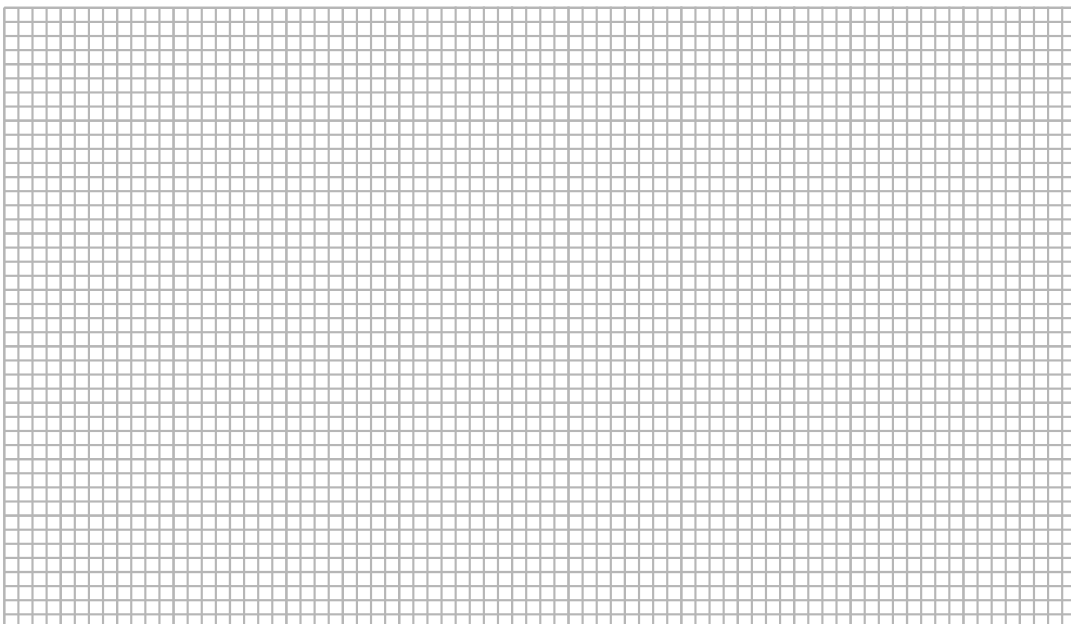
## Patterns Option Examples

For a custom pattern please contact [sales@techoled.com](mailto:sales@techoled.com)



## Layout Sketch

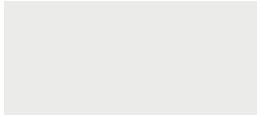
Please draw your custom pattern plan below.



|          |           |
|----------|-----------|
| Project: | Type:     |
|          | Comments: |

## Finish Details (powder coat finish)

### Standard Colors



W – White



B – Black

### Custom Colors



RAL 1003



RAL 2004



RAL 3000



RAL 4001



RAL 5002



RAL 6000



RAL 6038



RAL 7001



RAL 1036



RAL 8029

Any RAL color available, please refer to [ralcolorchart.com](http://ralcolorchart.com)

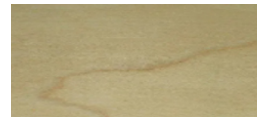
### Custom Wooden Colors



American Walnut



Cherry



Maple



Light Oak

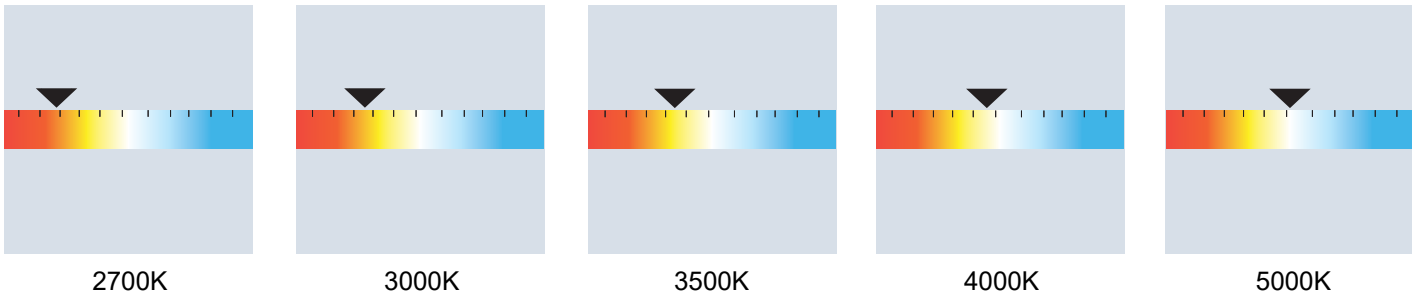


Palisander Santos

|          |           |
|----------|-----------|
| Project: | Type:     |
|          | Comments: |

Color Temperature

Color Temperature



Tunable White

