techoLED®
BROOKLYN • NY

# BX-2 SERIES

Rev. Date: 11/24/2026

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



## Highlights

BX-2 series is specification grade, architectural linear fixture, with virtually unlimited possibilities to create patterns, continuous runs and shapes. Offered in pendant, surface or wall mounted versions. Wide ranging customization options, from custom lumen packages, sizes and finishes. Great and simple lighting solution for all modern interiors.

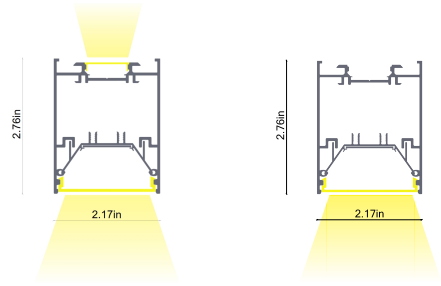
**LED:** Samsung LED chips, 2700-5000K, tunable white and RGB/W available, 90CRI

**Optical:** Direct & direct/indirect illumination, 110° beam angle

**Construction:** High grade aluminum extrusion, die cast end caps, PMMA diffuser, integral driver, powder coat finish, X, T, L Lit corners available for smooth, seamless patterns, damp location listed, continuous roll lens available.

5-year limited warranty

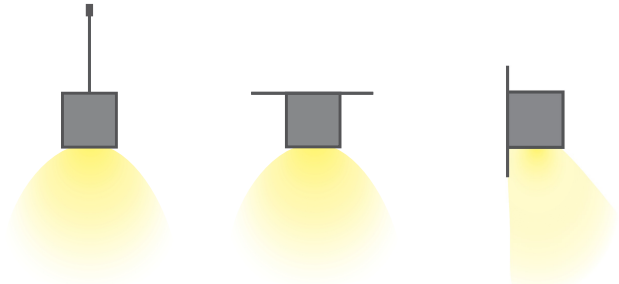
## Cross Section




Direct/Indirect

Direct

## Installation



Pendant
(P)

Surface Mount
(SM)

Wall Mount
(WM)

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## Configuration Example

| Model # | Distribution | Length | Lumen Output | Color Temp. | Voltage | Color |
|---|---|---|---|---|---|---|
| TECHOLED-BX-2-D-2-LO-27-U-W | Direct | 2' | Low | 2700K | 110-277V | White |

## Ordering Guide:

Select one option from each group below. For a custom preference please contact sales@techoled.com

| 1-FIXTURE ID | | 2-DISTRIBUTION | | 3-LENGTH | | 4-LUMEN OUTPUT | |
|---|---|---|---|---|---|---|---|
| BX-2 | BX-2 | D | Direct | 2 | 2´ | LO | Low |
| | | DI | Direct/Indirect | 4 | 4´ | ME | Medium |
| | | DI2 | D/I2-circuit | 6 | 6´ | HI | High |
| | | DWW | Direct, Wall Wash | 8 | 8´ | | |
| | | BW | Bat Wing | C | Custom | | |

| 5-COLOR TEMP. | | 6-VOLTAGE | | 7-FINISH | | 8-MOUNTING | |
|---|---|---|---|---|---|---|---|
| 27 | 2700K | U | 110-277V | S | Silver | P | Pendant |
| 30 | 3000K | HV | 347V | W | White | PS | Pendant (Stem) |
| 35 | 3500K | | | B | Black | SM | Surface Mount |
| 40 | 4000K | | | C | Custom (RAL#) | W | Wall Mount |
| 50 | 5000K | | | | | | |
| DT | Lutron T-series | | | | | | |
| RGB | RGB | | | | | | |
| RGBW | RGBW | | | | | | |
| D | Tunable White | | | | | | |

| 9-DRIVER OPTIONS | | 10-OPTIONS | | 11-OPTIONS (CONT.) | |
|---|---|---|---|---|---|
| DM | 0-10V Dimming | RF-D | Remote Tunable (RF only) | EM | EM Battery (remote) |
| 2C | 2 Channel | RF-R | Remote RGB/W (RF only) | RL | Roll Lens |
| DM1% | 1% Dimming | M | Motion Sensor (remote) | X | None |
| LT1 | LDE1 Lutron 1% | BM | BubblyNet BT Mesh | | |
| DA | Dali | CS | Casambi | | |
| DMX | DMX | AWNR | Lutron Athena Node | | |
| TR | Triac Dimming | AWNS | Lutron Athena Node sensor | | |
| RF | RF Wireless | NL-ES7 | nLight - Wired | | |
| X | None | NL-AIR | nLight - AIR | | |
| | | NL-M | nLight - Module only | | |
| | | X | None | | |

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## Lumen Output Details

| Model # | Size | Output | Color Temp. | Wattage | Lumen Output |
|---|---|---|---|---|---|
| TECHOLED-BX-2-D-2-ME-30 | 2' | Medium | 3000K | 15W | 1890Lm |
| TECHOLED-BX-2-D-2-HI-30 | 2' | High | 3000K | 20W | 2520Lm |
| TECHOLED-BX-2-D-4-LO-30 | 4' | Low | 3000K | 23W | 2898Lm |
| TECHOLED-BX-2-D-4-ME-30 | 4' | Medium | 3000K | 29W | 3654Lm |
| TECHOLED-BX-2-D-4-HI-30 | 4' | High | 3000K | 40W | 5040Lm |
| TECHOLED-BX-2-D-6-LO-30 | 6' | Low | 3000K | 34W | 4284Lm |
| TECHOLED-BX-2-D-6-ME-30 | 6' | Medium | 3000K | 44W | 5544Lm |
| TECHOLED-BX-2-D-6-HI-30 | 6' | High | 3000K | 60W | 7560Lm |
| TECHOLED-BX-2-D-8-LO-30 | 8' | Low | 3000K | 46W | 5796Lm |
| TECHOLED-BX-2-D-8-ME-30 | 8' | Medium | 3000K | 59W | 7434Lm |
| TECHOLED-BX-2-D-8-HI-30 | 8' | High | 3000K | 80W | 10080Lm |

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

| Model # | Size | Output | Color Temp. | Wattage | Down Lumen Out. | Up Lumen Out. |
|---|---|---|---|---|---|---|
| TECHOLED-BX-2-DI-2-ME-30 | 2' | Medium | 3000K | 17W | 1394Lm | 884Lm |
| TECHOLED-BX-2-DI-2-HI-30 | 2' | High | 3000K | 22W | 1822Lm | 1126Lm |
| TECHOLED-BX-2-DI-4-LO-30 | 4' | Low | 3000K | 23W | 1876Lm | 1180Lm |
| TECHOLED-BX-2-DI-4-ME-30 | 4' | Medium | 3000K | 34W | 2788Lm | 1768Lm |
| TECHOLED-BX-2-DI-4-HI-30 | 4' | High | 3000K | 44W | 3644Lm | 2252Lm |
| TECHOLED-BX-2-DI-6-LO-30 | 6' | Low | 3000K | 34W | 2814Lm | 1770Lm |
| TECHOLED-BX-2-DI-6-ME-30 | 6' | Medium | 3000K | 51W | 4182Lm | 2652Lm |
| TECHOLED-BX-2-DI-6-HI-30 | 6' | High | 3000K | 65W | 5466Lm | 3378Lm |
| TECHOLED-BX-2-DI-8-LO-30 | 8' | Low | 3000K | 46W | 3752Lm | 2360Lm |
| TECHOLED-BX-2-DI-8-ME-30 | 8' | Medium | 3000K | 68W | 5576Lm | 3536Lm |
| TECHOLED-BX-2-DI-8-HI-30 | 8' | High | 3000K | 88W | 7288Lm | 4504Lm |

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

## Performance

| Output Direct | | Direct | |
|---|---|---|---|
| | Lumens / W | W / ft | Lumens / ft |
| Low | 126 | 5.7 | 718 |
| Medium | 126 | 7.3 | 920 |
| High | 126 | 10 | 1260 |

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

| Output DI/IN | Direct | | | Indirect | | |
|---|---|---|---|---|---|---|
| | Lumens / W | W / ft | Lumens / ft | Lumens / W | W / ft | Lumens / ft |
| Low | 134 | 3.5 | 469 | 134 | 2.2 | 295 |
| Medium | 134 | 5.2 | 697 | 134 | 3.3 | 442 |
| High | 134 | 6.8 | 911 | 134 | 4.2 | 563 |

## Driver Option Details

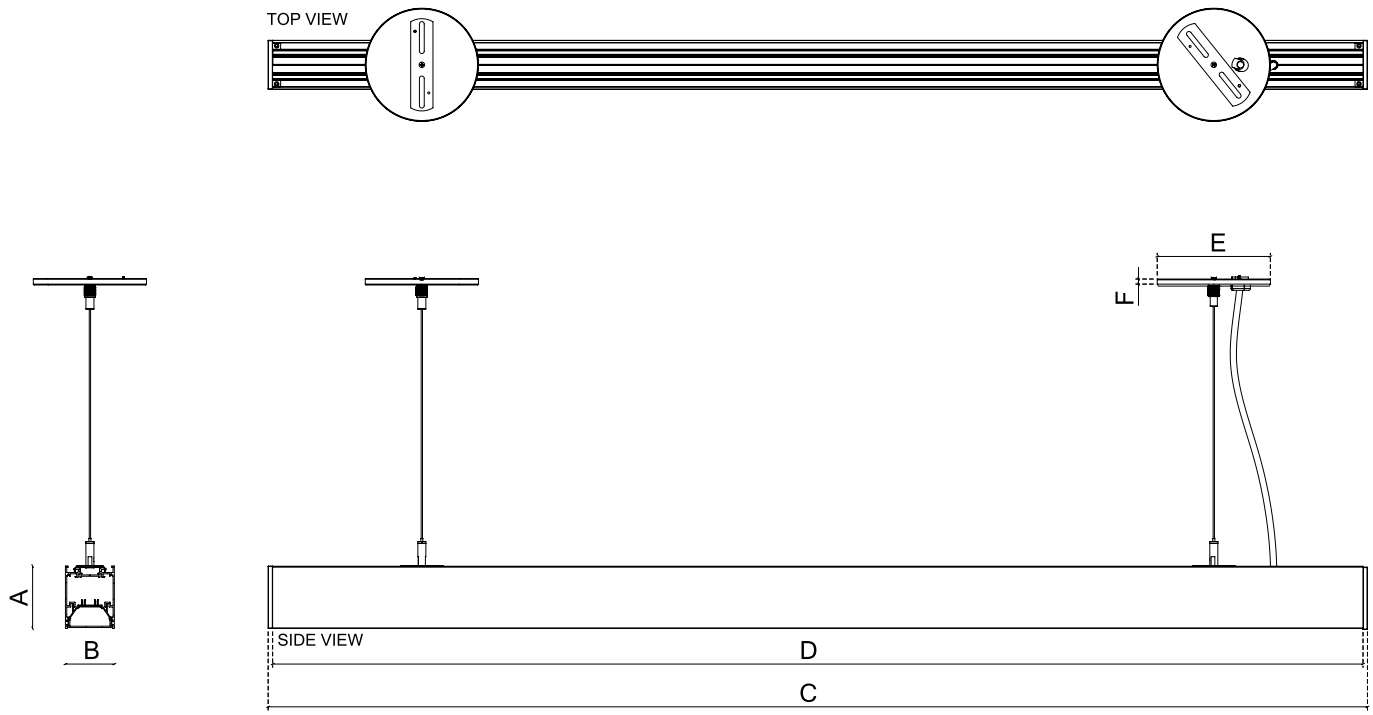
| Code | Description |
|---|---|
| LT1 | **LDE1** -Lutron Hi-lume 1% EcoSystem, Soft-on, Fade-to Black Dimming |
| DA | **DALI** |
| DMX | **DMX** - Decoder provided by TechoLED, controller by others |

## Controls Details

| Code | Description |
|---|---|
| RF-D | **RF Wireless** remote controller for tunable white. **Default for tunable white.** |
| RF-R | **RF Wireless** remote controller for RGB & RGBW. **Default for RGB & RGBW.** |
| M | **Motion Sensor** - remote, for integral sensor consult factory |
| BM | **Bluetooth Mesh** Smart Wireless Control by BubblyNet |
| CS | **Bluetooth Mesh** Smart Wireless Control by Casambi |
| AWNR | **Lutron Athena** wireless node |
| AWNS | **Lutron Athena** wireless node with sensor |
| NL-ES7 | **Acuity nLight** – Wired nES7 sensor |
| NL-AIR | **Acuity nLight** – AIR wireless rES7 sensor |
| NL-M | **Acuity nLight** - ready, sensor by others |

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

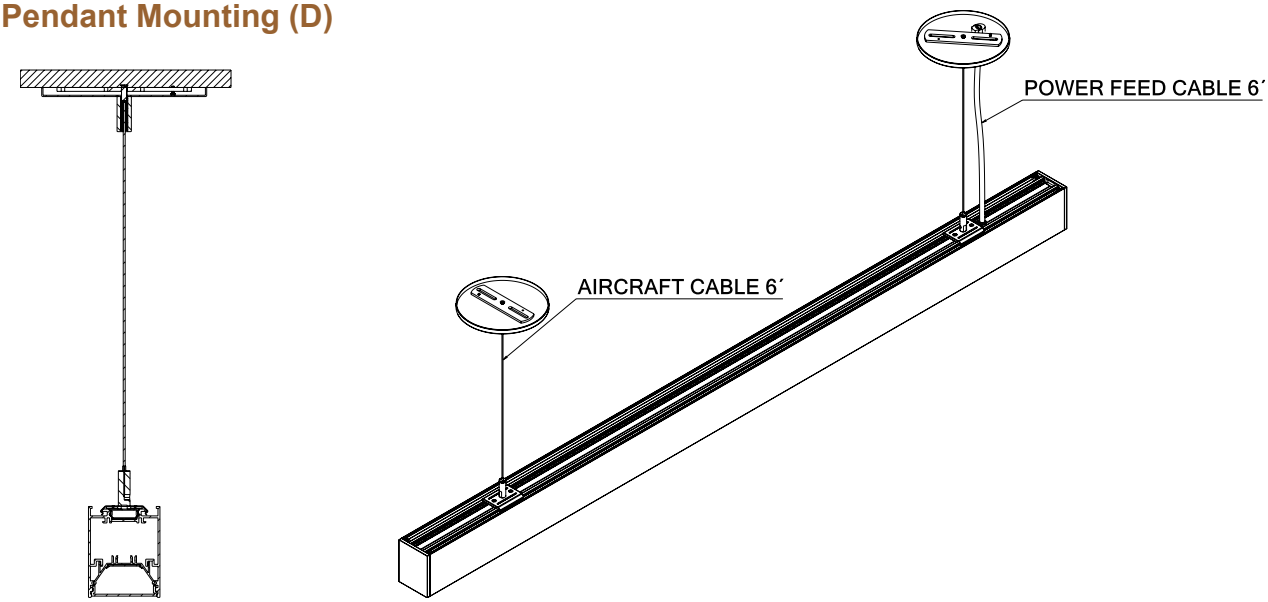
## Dimension and Mounting - Direct Distribution (D)



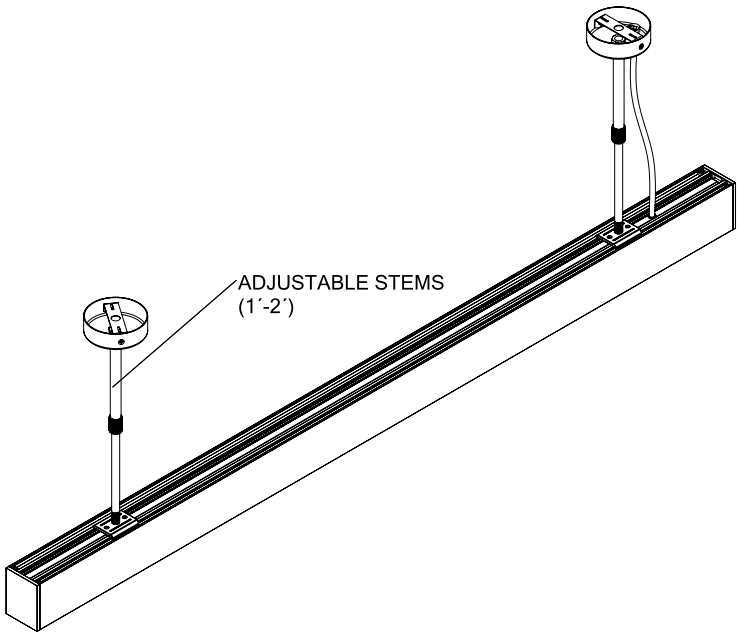

| FIXTURE ID | A | B | C | D | E | F |
|---|---|---|---|---|---|---|
| BX-2-D-2 | 2.76" | 2.17" | 24.57" | 24.17" | 5" | 0.28" |
| BX-2-D-4 | 2.76" | 2.17" | 48.58" | 48.19" | 5" | 0.28" |
| BX-2-D-6 | 2.76" | 2.17" | 72.56" | 72.17" | 5" | 0.28" |
| BX-2-D-8 | 2.76" | 2.17" | 96.57" | 96.18" | 5" | 0.28" |

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

## Pendant Mounting (D)

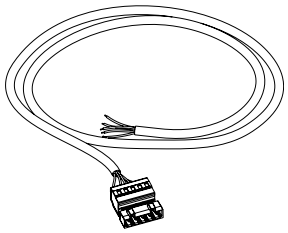



## Pendant Stems (D)

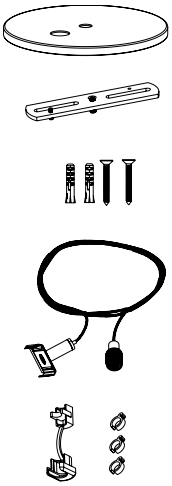


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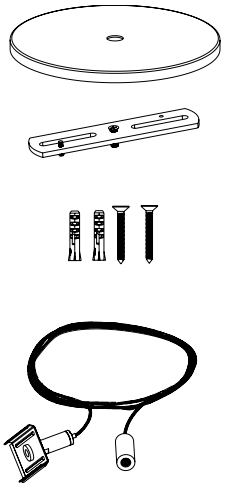
## Pendant Kit



P-SM-6FT



L-PTB-PF2-6

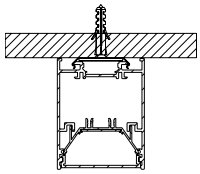


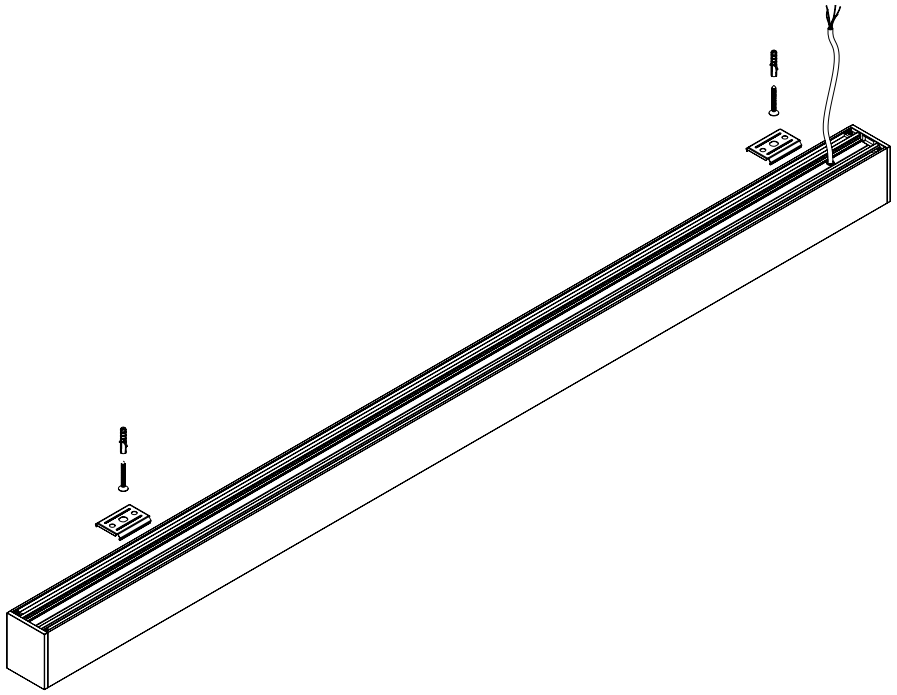
L-PTB-NPF-6

| | |
|---|---|
| P-SM-6FT | Power feed cable (6') |
| L-PTB-PF2-6 | Pendant wire + canopy with cut-out for power cable |
| L-PTB-NPF-6 | Pendant wire + canopy |

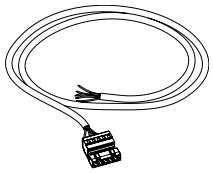
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## Surface Mount (D)

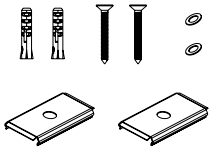




## Surface Mount Kit



P-SM-6FT

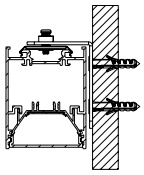


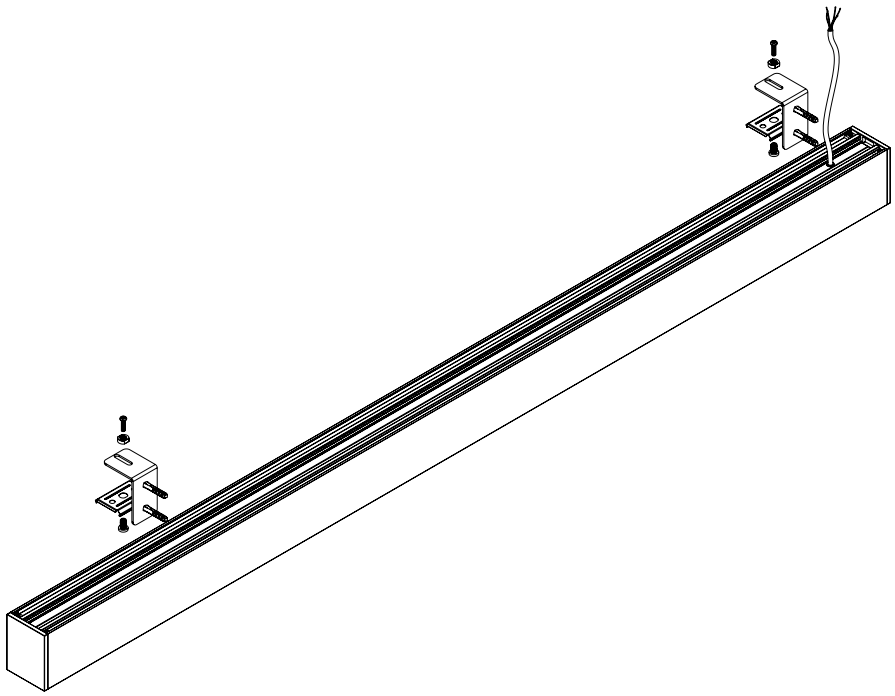
L-SM-CL

| | |
|---|---|
| P-SM-6FT | Power feed cable (6') |
| L-SM-CL | Surface mount kit |

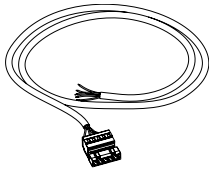
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## Wall Mount (D)

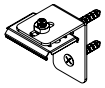




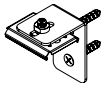
## Wall Mount Kit



P-SM-6FT



L457-WM



L457-WM

| | |
|---|---|
| P-SM-6FT | Power feed cable (6') |
| L457-WM | Wall mount kit |

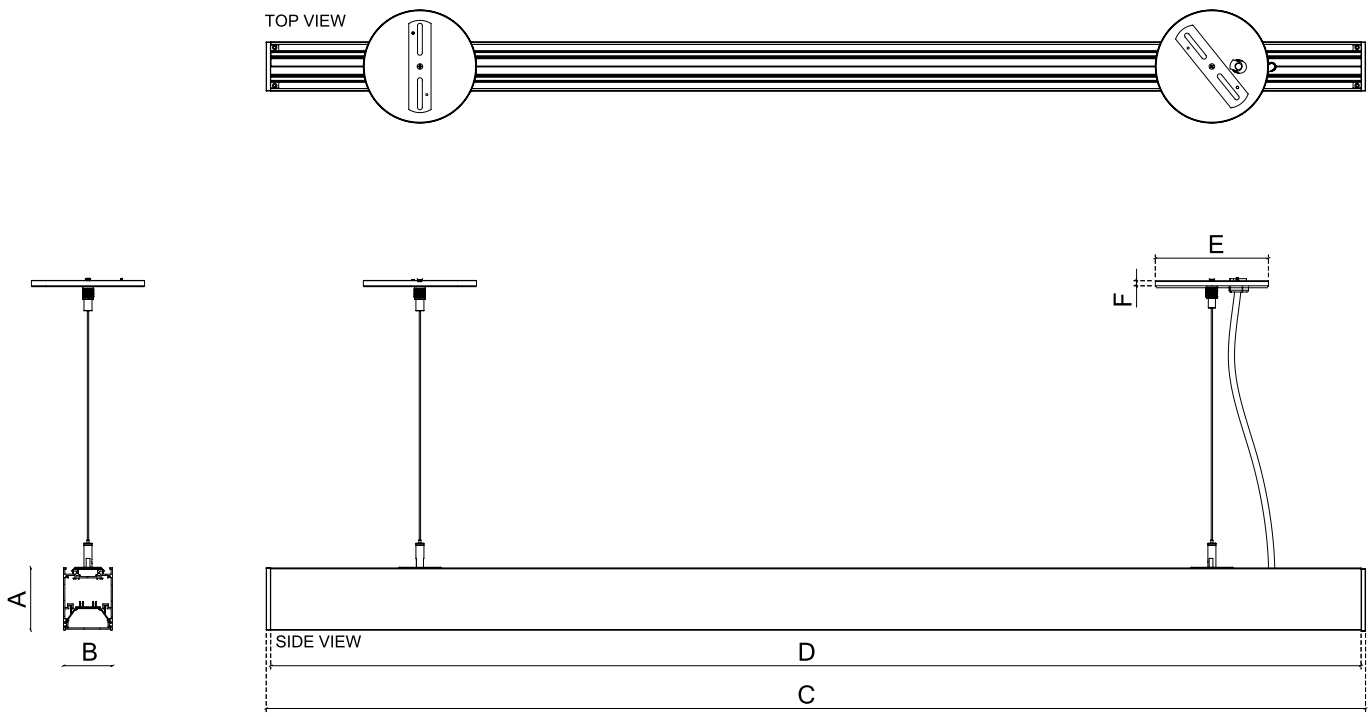
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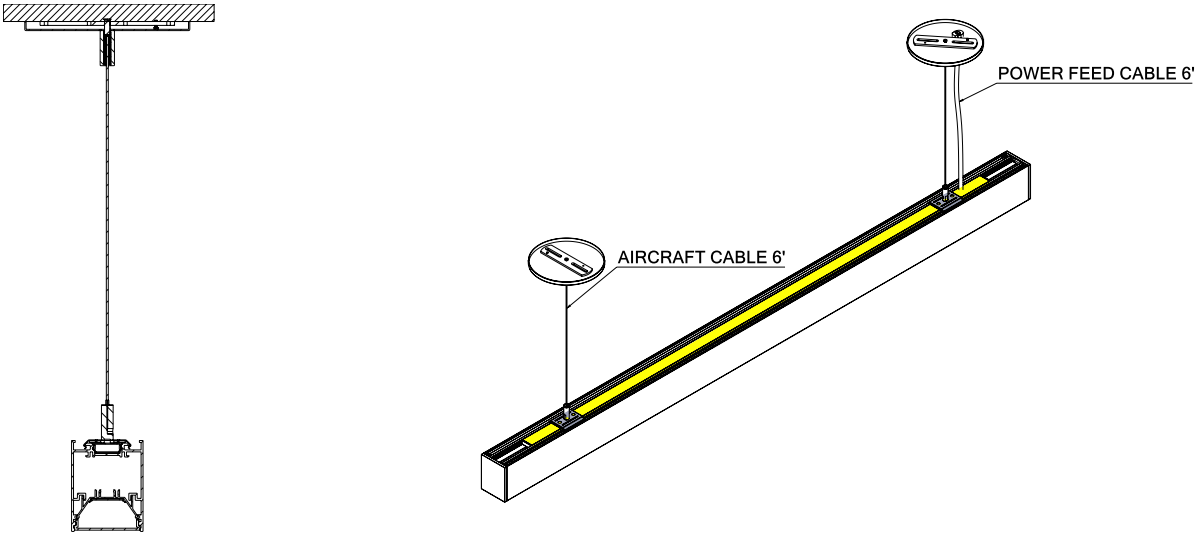
## Dimension and Mounting - Direct/Indirect Distribution (DI)



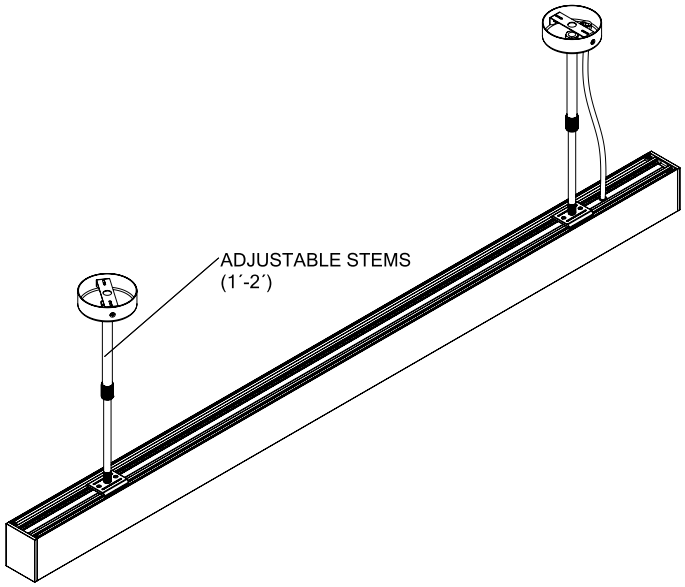

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| | Comments: |

## Pendant (DI)

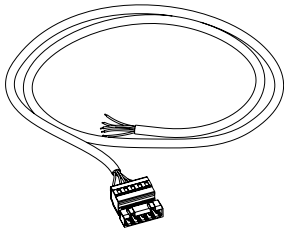



## Pendant Stems (DI)

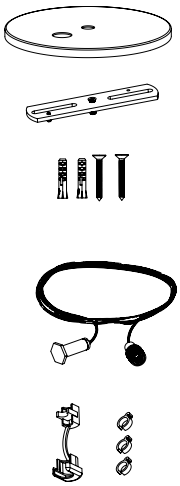


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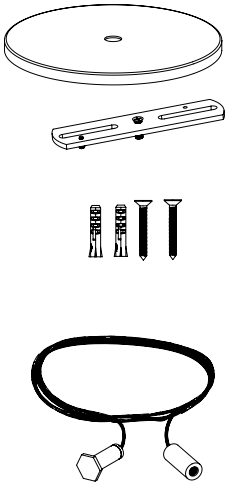
## Pendant Kit



P-SM-6FT



L-PTB-PF2-6-M

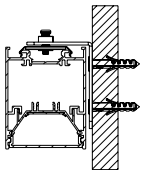


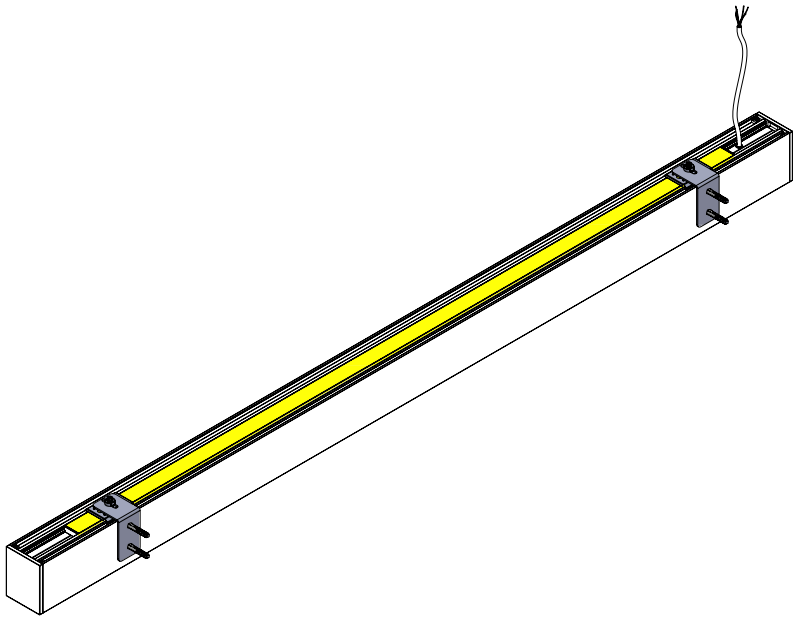
L-PTB-NPF-6-M

| | |
|---|---|
| P-SM-6FT | Power feed cable (6') |
| L-PTB-PF2-6-M | Pendant wire + canopy with cut-out for power cable |
| L-PTB-NPF-6-M | Pendant wire + canopy |

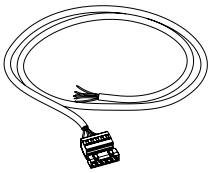
| Project: | Type: |
|---|---|
| | Comments: |

## Wall Mount (DI)

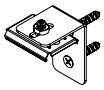




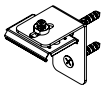
## Wall Mount Kit



P-SM-6FT



L457-WM

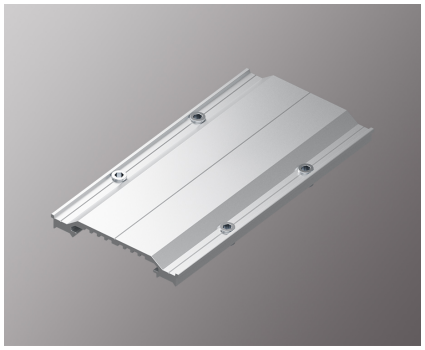


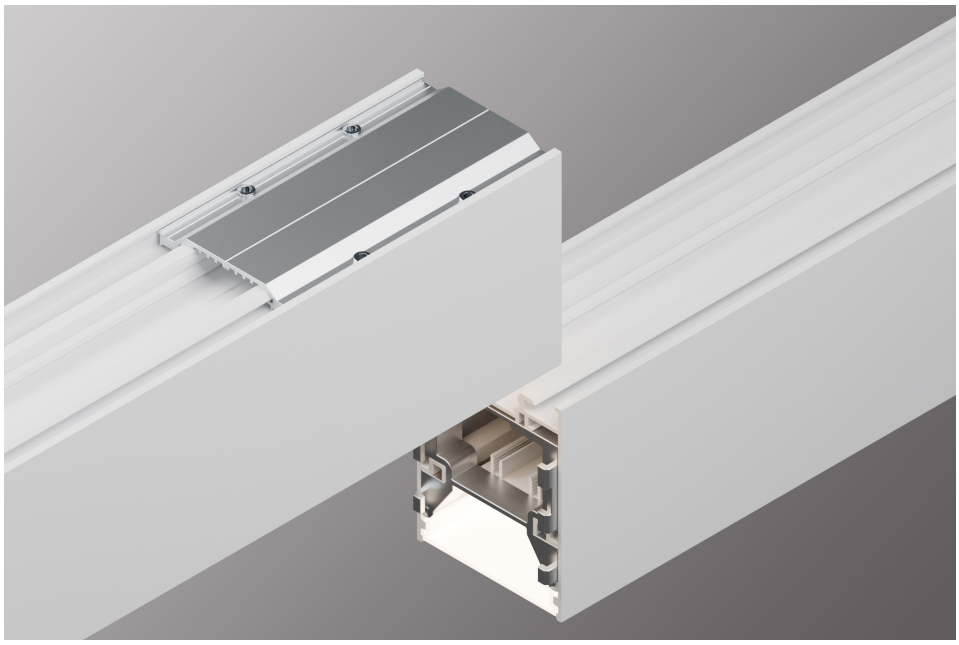
L457-WM

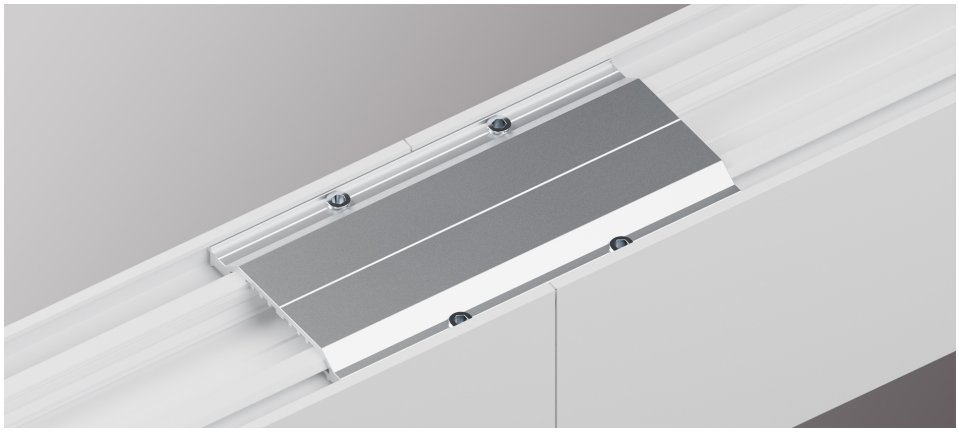
| | |
|---|---|
| P-SM-6FT | Power feed cable (6') |
| L457-WM | Wall mount kit |

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

## Connectors

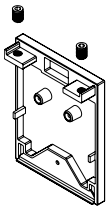
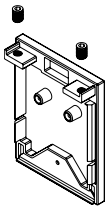
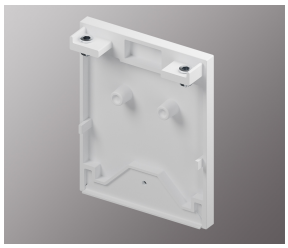






| Project: | Type: |
|---|---|
| | Comments: |

## End Caps

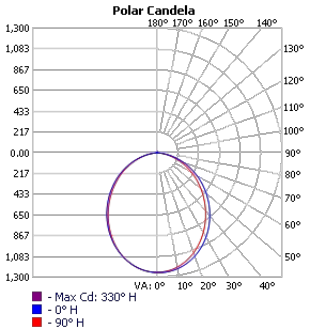

| Project: | Type: |
|---|---|
| | Comments: |

## Photo Detail

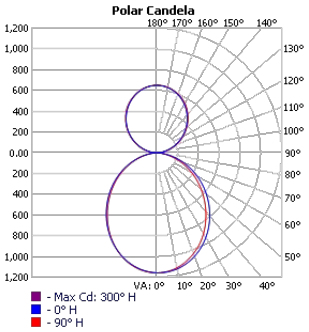


| Project: | Type: |
|---|---|
| | Comments: |

## Photometrics




Direct

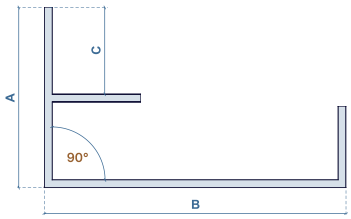



Indirect

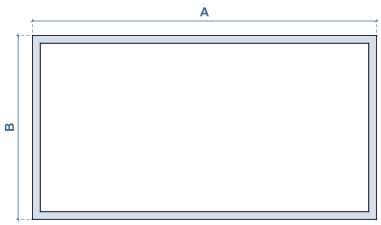
| Project: | Type: |
|---|---|
| | Comments: |

## Patterns Option Examples

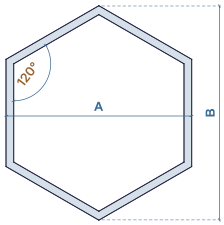
### Custom pattern



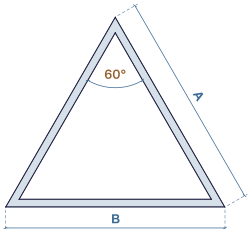

### Rectangle



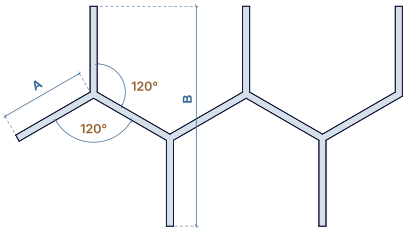

### Hexagon



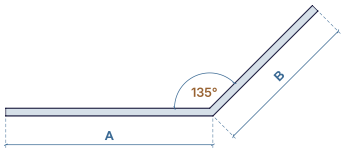

### Triangle




### Zig-zag / Hex




### One arm angle



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

## Finish Details (powder coat finish)

### Standard Colors


W – White


S – Silver


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](ralcolorchart.com)

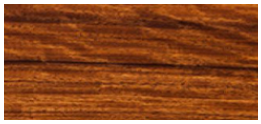
### Custom Wooden Colors


American Walnut


Cherry


Maple

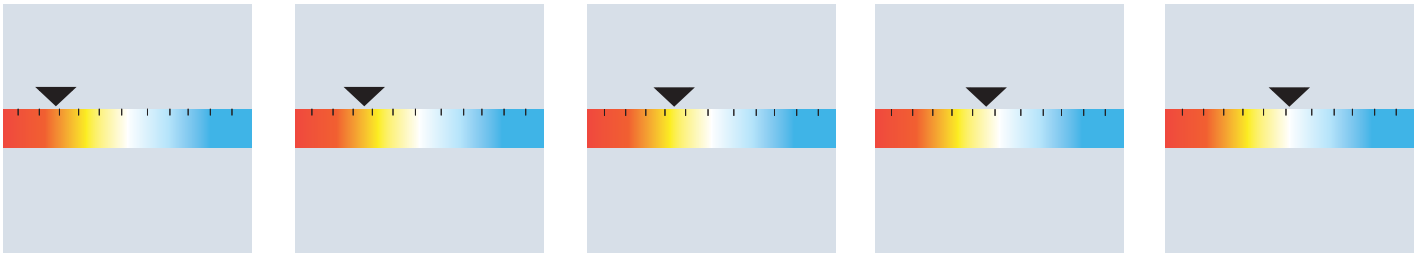

Light Oak


Palisander Santos

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

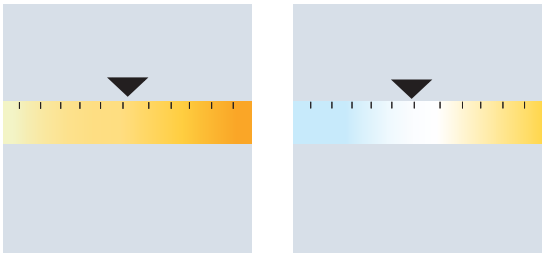
## Color Temperature

### Color Temperature



2700K | 3000K | 3500K | 4000K | 5000K

### Tunable White



Dim To Warm | Tunable White