

LATO-FLAT (01) Linear Fixtures



Designed to disappear. LATO is a shallow flanged fixture that is designed for surface or recessed mounting applications so the light source merges with the surface.

- High-quality aluminum housings are available in satin, black, and bronze finishes
- Choose from clear, frosted, polar, and diffused lens options
- Available in Static White, Static White High Efficacy, Static White High Efficacy Plus, Static White Individually Addressable, Warm Dim, Dynamic White, Dynamic White High Efficacy, Static Color, RGB, RGBW, and RGBW High Efficacy
- A fully assembled fixture that is suitable for installation in the storage area of a clothes closet when using 4.0W/ft or less
- Integrated metal end caps combined with an extruded aluminum housing give this fixture a polished modern look

Part Number Builder

Static White



| Product | W/FT | CCT | Rated | Efficiency | Lens | Input/Output | Connector/Wire In | Connector/Wire Out | Wire Color | Wire Type | Mounting | Finish | Length* (in) |
|--|---------------------------------|--|------------|--------------------------------|----------------------|--------------------------------------|----------------------------|----------------------------|-----------------|--------------------|----------|----------------|--------------|
| LT1SW | | | | | | | | | | | SST | | |
| Voltage: 24 VDC | | | | | | | | | | | | | |
| Typical lumens at 5.0W/ft with CL lens at 3000K: 377 lm/ft | 1.5 3.0 4.0 5.0 6.0 | 20 22 24 27 30 35 40 | DRY (IP20) | STD Standard WO WhiteOptics | CL FR PR DF | S1 S2 Single (Closed exit) | BW BRL CON6 CON24 | CLS | WH BK N/A | CL2 CL2P N/A | SST | ST BK BZ | |
| | 1.5 3.0 4.0 5.0 | 24 27 30 35 40 | DMP (IP54) | | | P1 P2 Pass through | BW BRL CON6 CON24 | BW BRL CON6 CON24 | | | | | |
| | 1.5 3.0 4.0 5.0 | 20 22 24 27 30 35 40 | WET (IP67) | | | | | | | | | | |

*Available in 1" increments for 1.5W/ft - 5.0W/ft and 2" increments for 6.0W/ft. Maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

Static White High Efficacy



| Product | W/FT | CCT | Rated | Efficiency | Lens | Input/Output | Connector/Wire In | Connector/Wire Out | Wire Color | Wire Type | Mounting | Finish | Length* (in) |
|--|-------------------------|--|------------|--------------------------------|----------------------|--------------------------------------|----------------------------|----------------------------|-----------------|--------------------|----------|----------------|--------------|
| LT1SW | | | | | | | | | | | SST | | |
| Voltage: 24 VDC | | | | | | | | | | | | | |
| Typical lumens at 6.0W/ft with CL lens at 3000K: 640 lm/ft | 1.5HE 3.0HE 6.0HE | 20 22 24 27 30 35 40 | DRY (IP20) | STD Standard WO WhiteOptics | CL FR PR DF | S1 S2 Single (Closed exit) | BW BRL CON6 CON24 | CLS | WH BK N/A | CL2 CL2P N/A | SST | ST BK BZ | |
| | 1.5HE 3.0HE 6.0HE | 24 27 30 35 40 | DMP (IP54) | | | P1 P2 Pass through | BW BRL CON6 CON24 | BW BRL CON6 CON24 | | | | | |

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

- If selecting **BRL**, select N/A for wire color and type
- **BW** comes in standard 24"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- **Connector/Wire In or Out** not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS
- Specify **CL2P** for plenum rated wire
- **One Step, One Bin** based on 5W/ft

- 5 year warranty
- Field modifications void warranty
- Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot

LATO-FLAT (01) Linear Fixtures



Static White High Efficacy Plus



| Product | W/FT | CCT | Rated | Efficiency | Lens | Input/ Output | Connector/ Wire In | Connector/ Wire Out | Wire Color | Wire Type | Mounting | Finish | Length* (in) |
|--|--------------------------------|--|----------------------|--|--|------------------------|--|--|------------------------|---------------------------|------------|-------------------------------------|--|
| LT1SW | | | DRY | | | | | | | | SST | | |
| Voltage: 24 VDC | 3.0HE+ 6.0HE+ | 27 30 35 40 | DRY (IP20) | STD Standard WO WhiteOptics | CL FR PR DF | S1 S2 | BW BRL CON6 CON24 | CLS | WH BK | CL2 CL2P | SST | ST BK BZ | Max continuous length: 3.0W - 196" 6.0W - 118" |
| Typical lumens at 6.0W/ft with CL lens at 3000K: 901 lm/ft | | | | | | Single (Closed exit) | | | | | | | |
| | | | | | | P1 P2 | BW BRL CON6 CON24 | BW BRL CON6 CON24 | | | | | *Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6". |
| | | | | | | Pass through | | | | | | | |

Static White Individually Addressable



| Product | W/FT | CCT | Rated | Efficiency | Lens | Input/ Output | Connector/ Wire In | Connector/ Wire Out | Wire Color | Wire Type | Mounting | Finish | Length* (in) |
|-----------------|------------|--|----------------------|--|--|------------------------|--|--|------------------------|---------------------------|------------|-------------------------------------|--|
| LT1IA | 5.0 | | DRY | | | | | | | | SST | | |
| Voltage: 24 VDC | 5.0 | 27 30 35 40 | DRY (IP20) | STD Standard WO WhiteOptics | CL FR PR DF | S1 S2 | BW CON6 CON24 | CLS | WH BK | CL2 CL2P | SST | ST BK BZ | Max continuous length: 3.0W - 196" 6.0W - 118" |
| | | | | | | Single (Closed exit) | | | | | | | |
| | | | | | | P1 P2 | BW CON6 CON24 | BW CON6 CON24 | | | | | *Available in 4" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6". |
| | | | | | | Pass through | | | | | | | |

Warm Dim



| Product | W/FT | CCT | Rated | Efficiency | Lens | Input/ Output | Connector/ Wire In | Connector/ Wire Out | Wire Color | Wire Type | Mounting | Finish | Length* (in) |
|-----------------|------------|------------------------------|----------------------|--|--|------------------------|--|--|--------------------------------------|---|------------|-------------------------------------|--|
| LT1WD | 6.0 | | DRY | | | | | | | | SST | | |
| Voltage: 24 VDC | 6.0 | 19/27 19/30 | DRY (IP20) | STD Standard WO WhiteOptics | CL FR PR DF | S1 S2 | BW BRL CON6 CON24 | CLS | WH BK N/A | CL2 CL2P N/A | SST | ST BK BZ | Max continuous length: 3.0W - 196" 6.0W - 118" |
| | | | | | | Single (Closed exit) | | | | | | | |
| | | | | | | P1 P2 | BW BRL CON6 CON24 | BW BRL CON6 CON24 | | | | | *Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6". |
| | | | | | | Pass through | | | | | | | |

- If selecting **BRL**, select N/A for wire color and type
- **BW** comes in standard 24" - request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- **Connector/Wire In or Out** not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS
- Specify **CL2P** for plenum rated wire

- 5 year warranty
- Field modifications void warranty
- Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot

LATO-FLAT (01) Linear Fixtures



Dynamic White



| Product | W/FT | CCT | Rated | Efficiency | Lens | Input/Output | Connector/Wire In | Connector/Wire Out | Wire Color | Wire Type | Mounting | Finish | Length* (in) |
|--|------------|------------------------------|----------------------|--|--|------------------------|--|--------------------|------------------------|---------------------------|------------|-------------------------------------|--------------|
| LT1DW | 6.0 | | | | | | | | | | SST | | |
| Voltage: 24 VDC | | | | | | | | | | | | | |
| Typical lumens at 6.0W/ft with CL lens at 3000K: 217 lm/ft | 6.0 | 20/27 20/30 | DRY (IP20) | STD Standard WO WhiteOptics | CL FR PR DF | S1 S2 | BW CON6 CON24 | CLS | WH BK | CL2 CL2P | SST | ST BK BZ | |
| | | 24/30 | DMP (IP54) | | | | | | | | | | |
| | | | | | | Single (Closed exit) | | | | | | | |
| | | | | | | Pass through | | | | | | | |

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

Dynamic White High Efficacy



| Product | W/FT | CCT | Rated | Efficiency | Lens | Input/Output | Connector/Wire In | Connector/Wire Out | Wire Color | Wire Type | Mounting | Finish | Length* (in) |
|--|------------------------------|--|----------------------|--|--|------------------------|--|--------------------|--------------------------------------|---|------------|-------------------------------------|--------------|
| LT1DW | | | | | | | | | | | SST | | |
| Voltage: 24 VDC | | | | | | | | | | | | | |
| Typical lumens at 5.0W/ft with CL lens at 3000K: 233 lm/ft | 3.0HE 5.0HE | 20/27 20/30 27/40 27/55 | DRY (IP20) | STD Standard WO WhiteOptics | CL FR PR DF | S1 S2 | BW CON6 CON24 | CLS | WH BK N/A | CL2 CL2P N/A | SST | ST BK BZ | |
| | | 24/30 27/40 | DMP (IP54) | | | | | | | | | | |
| | | | | | | Single (Closed exit) | | | | | | | |
| | | | | | | Pass through | | | | | | | |

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

Static Color



| Product | W/FT | CCT | Rated | Efficiency | Lens | Input/Output | Connector/Wire In | Connector/Wire Out | Wire Color | Wire Type | Mounting | Finish | Length* (in) |
|--|------------|--|----------------------|--|--|------------------------|--|--------------------|--------------------------------------|---|------------|-------------------------------------|--------------|
| LT1SC | 5.0 | | | | | | | | | | SST | | |
| Voltage: 24 VDC | | | | | | | | | | | | | |
| Typical lumens at 5.0W/ft with CL lens in green: 467 lm/ft | 5.0 | GR BL RD AB | DRY (IP20) | STD Standard WO WhiteOptics | CL FR PR DF | S1 S2 | BW BRL CON6 CON24 | CLS | WH BK N/A | CL2 CL2P N/A | SST | ST BK BZ | |
| | | | DMP (IP54) | | | | | | | | | | |
| | | | | | | Single (Closed exit) | | | | | | | |
| | | | | | | Pass through | | | | | | | |

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

- If selecting **BRL**, select N/A for wire color and type
- **BW** comes in standard 24"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- **Connector/Wire In or Out** not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS
- Specify **CL2P** for plenum rated wire

- 5 year warranty
- Field modifications void warranty
- Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies
- Florida Fish and Wildlife Conservation Commission (FWC) rated Strips: DRY and WET rated, Red and Amber
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot

LATO-FLAT (01) Linear Fixtures



RGB **5 YEAR WARRANTY**

| Product | W/FT | CCT | Rated | Efficiency | Lens | Input/Output | Connector/Wire In | Connector/Wire Out | Wire Color | Wire Type | Mounting | Finish | Length* (in) |
|--|------------|------------|--|--|--|---|--|--|------------------------|---------------------------|------------|-------------------------------------|--------------|
| LT1RGB | 6.0 | RGB | | | | | | | | | SST | | |
| Voltage: 24 VDC | | | | | | | | | | | | | |
| Typical lumens at 6.0W/ft with CL lens in green: 168 lm/ft | | | | | | | | | | | | | |
| | 6.0 | RGB | DRY (IP20) DMP (IP54) | STD Standard WO WhiteOptics | CL FR PR DF | S1 S2 <small>Single (Closed exit)</small> | BW CON6 CON24 | CLS | WH BK | CL2 CL2P | SST | ST BK BZ | |
| | | | | | | P1 P2 <small>Pass through</small> | BW CON6 CON24 | BW CON6 CON24 | | | | | |

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

RGBW High Efficacy **5 YEAR WARRANTY**

| Product | W/FT | CCT | Rated | Efficiency | Lens | Input/Output | Connector/Wire In | Connector/Wire Out | Wire Color | Wire Type | Mounting | Finish | Length* (in) |
|---|--------------|--|--|--|--|---|--|--|------------------------|---------------------------|------------|-------------------------------------|--------------|
| LT1RGBW | 4.0HE | | | | | | | | | | SST | | |
| Voltage: 24 VDC | | | | | | | | | | | | | |
| Typical lumens at 4.0W/ft with CL lens at 3000K: 78 lm/ft | | | | | | | | | | | | | |
| | 4.0HE | 27 30 35 40 | DRY (IP20) DMP (IP54) | STD Standard WO WhiteOptics | CL FR PR DF | S1 S2 <small>Single (Closed exit)</small> | BW CON6 CON24 | CLS | WH BK | CL2 CL2P | SST | ST BK BZ | |
| | | | | | | P1 P2 <small>Pass through</small> | BW CON6 CON24 | BW CON6 CON24 | | | | | |

*Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6".

- **BW** comes in standard 24"- request custom length (Max 120") by writing it in inches next to "BW" in the order code box (ex. BW48)
- **Connector/Wire In or Out** not needed to specify product. Standard configuration is Type S1, Connector/Wire In: BW & Connector/Wire Out: CLS
- Specify **CL2P** for plenum rated wire

- 5 year warranty
- Field modifications void warranty
- Data subject to change, all data has +/- 5% tolerance
- Compatible for use with Q-Tran power supplies
- Suitable for installation in the storage area of a clothes closet when specified with LEDs at 4.0 watts or less per foot

LATO-FLAT (01) Linear Fixtures



Technical Information

Static White

[Calculated L70 = 30000 hrs]
Tested with LT1SW-**-30-DRY-STD

| | 1.5W/FT | 3.0W/FT | 4.0W/FT | 5.0W/FT | 6.0W/FT |
|----|---------|---------|---------|---------|---------|
| | LM/FT | LM/FT | LM/FT | LM/FT | LM/FT |
| CL | 143 | 249 | 310 | 377 | 437 |
| FR | 143 | 249 | 310 | 377 | 437 |
| PR | 132 | 231 | 287 | 350 | 405 |
| DF | 114 | 198 | 246 | 300 | 347 |

Tested with LT1SW-**-30-DRY-WO

| | 1.5W/FT | 3.0W/FT | 4.0W/FT | 5.0W/FT | 6.0W/FT |
|----|---------|---------|---------|---------|---------|
| | LM/FT | LM/FT | LM/FT | LM/FT | LM/FT |
| CL | 150 | 261 | 325 | 396 | 458 |
| FR | 150 | 261 | 325 | 396 | 458 |
| PR | 139 | 243 | 302 | 367 | 425 |
| DF | 119 | 208 | 258 | 315 | 365 |

Dynamic White

[Calculated L70 = 70000 hrs]
Tested with LT1DW-6.0**-DRY-STD

| | 3000K |
|----|-------|
| | LM/FT |
| CL | 217 |
| FR | 217 |
| PR | 201 |
| DF | 172 |

Tested with LT1DW-6.0**-DRY-WO

| | 3000K |
|----|-------|
| | LM/FT |
| CL | 227 |
| FR | 227 |
| PR | 211 |
| DF | 181 |

RGB

[Calculated L70 = 55000 hrs]
Tested with LT1RGB-6.0-RGB-DRY-STD

| | Red | Green | Blue |
|----|-------|-------|-------|
| | LM/FT | LM/FT | LM/FT |
| CL | 83 | 168 | 47 |
| FR | 83 | 168 | 47 |
| PR | 77 | 156 | 44 |
| DF | 66 | 133 | 38 |

Tested with LT1RGB-6.0-RGB-DRY-WO

| | Red | Green | Blue |
|----|-------|-------|-------|
| | LM/FT | LM/FT | LM/FT |
| CL | 87 | 176 | 50 |
| FR | 87 | 176 | 50 |
| PR | 81 | 163 | 46 |
| DF | 69 | 140 | 40 |

Static White High Efficacy

[Calculated L70 = 70000 hrs]
Tested with LT1SW-**-30-DRY-STD

| | 1.5HEW/FT | 3.0HEW/FT | 6.0HEW/FT | 9.0HEW/FT |
|----|-----------|-----------|-----------|-----------|
| | LM/FT | LM/FT | LM/FT | LM/FT |
| CL | 184 | 338 | 640 | 962 |
| FR | 184 | 338 | 640 | 962 |
| PR | 171 | 313 | 594 | 892 |
| DF | 147 | 269 | 509 | 765 |

Tested with LT1SW-**-30-DRY-WO

| | 1.5HEW/FT | 3.0HEW/FT | 6.0HEW/FT | 9.0HEW/FT |
|----|-----------|-----------|-----------|-----------|
| | LM/FT | LM/FT | LM/FT | LM/FT |
| CL | 193 | 355 | 672 | 1010 |
| FR | 193 | 355 | 672 | 1010 |
| PR | 179 | 329 | 623 | 937 |
| DF | 154 | 282 | 534 | 803 |

Dynamic White High Efficacy

[Calculated L70 = 70000 hrs]
Tested with LT1DW-**-30-DRY-STD

| | 3.0W/FT | 5.0W/FT | 8.0W/FT |
|----|---------|---------|---------|
| | LM/FT | LM/FT | LM/FT |
| CL | 148 | 233 | 363 |
| FR | 148 | 233 | 363 |
| PR | 137 | 216 | 336 |
| DF | 117 | 185 | 288 |

Tested with LT1DW-6.0**-DRY-WO

| | 3.0W/FT | 5.0W/FT | 8.0W/FT |
|----|---------|---------|---------|
| | LM/FT | LM/FT | LM/FT |
| CL | 155 | 245 | 381 |
| FR | 155 | 245 | 381 |
| PR | 144 | 227 | 353 |
| DF | 123 | 195 | 303 |

RGBW High Efficacy

[Calculated L70 = 70000 hrs]
Tested with LT1RGBW-4.0HE-30-DRY-STD

| | Red | Green | Blue | 3000K |
|----|-------|-------|-------|-------|
| | LM/FT | LM/FT | LM/FT | LM/FT |
| CL | 33 | 127 | 27 | 78 |
| FR | 33 | 127 | 27 | 78 |
| PR | 31 | 118 | 25 | 72 |
| DF | 26 | 101 | 22 | 62 |

Tested with LT1RGBW-8.0HE-30-DRY-WO

| | Red | Green | Blue | 3000K |
|----|-------|-------|-------|-------|
| | LM/FT | LM/FT | LM/FT | LM/FT |
| CL | 35 | 133 | 29 | 82 |
| FR | 35 | 133 | 29 | 82 |
| PR | 32 | 124 | 27 | 76 |
| DF | 28 | 106 | 23 | 65 |

Static White High Efficacy Plus

[Calculated L70 = 50000 hrs]
Tested with LT1SW-**-30-DRY-STD

| | 3.0HE+W/FT | 6.0HE+W/FT |
|----|------------|------------|
| | LM/FT | LM/FT |
| CL | 487 | 901 |
| FR | 487 | 901 |
| PR | 452 | 835 |
| DF | 387 | 716 |

Tested with LT1SW-**-30-DRY-WO

| | 3.0HE+W/FT | 6.0HE+W/FT |
|----|------------|------------|
| | LM/FT | LM/FT |
| CL | 512 | 946 |
| FR | 512 | 946 |
| PR | 475 | 877 |
| DF | 407 | 752 |

Static Color

[Calculated L70 = 30000 hrs]
Tested with LT1SC-5.0**-DRY-STD

| | Red | Green | Blue | Amber |
|----|-------|-------|-------|-------|
| | LM/FT | LM/FT | LM/FT | LM/FT |
| CL | 86 | 467 | 121 | 78 |
| FR | 86 | 467 | 121 | 78 |
| PR | 80 | 434 | 112 | 72 |
| DF | 69 | 372 | 96 | 62 |

Tested with LT1SC-5.0**-DRY-WO

| | Red | Green | Blue | Amber |
|----|-------|-------|-------|-------|
| | LM/FT | LM/FT | LM/FT | LM/FT |
| CL | 91 | 491 | 127 | 82 |
| FR | 91 | 491 | 127 | 82 |
| PR | 84 | 455 | 118 | 76 |
| DF | 72 | 390 | 101 | 65 |

Temperature Ratings

Dependent on LED Strip W/FT

| Light Engine (LED Strip) | W/FT | Minimum Limit (°F) | Maximum Limit (°F) |
|----------------------------|-------|--------------------|--------------------|
| Static White | 1.5 | -40 | 138 |
| | 3.0 | -40 | 124 |
| | 4.0 | -40 | 115 |
| | 5.0 | -40 | 108 |
| Static White High-Efficacy | 1.5HE | -40 | 152 |
| | 3.0HE | -40 | 140 |
| | 6.0HE | -40 | 118 |
| | 9.0HE | -40 | 95 |

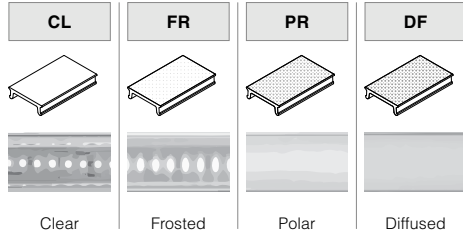
LATO-FLAT (01)

Linear Fixtures



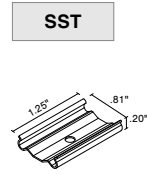
Lens

with LED visibility



Mounting

2 clips provided for 4' or less; 4 clips provided for greater than 4'

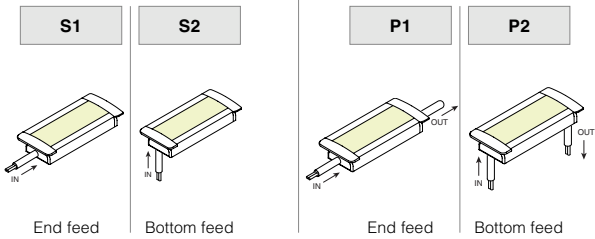


Stainless steel clip

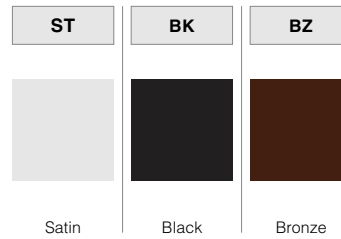
Type

SINGLE (Input only)

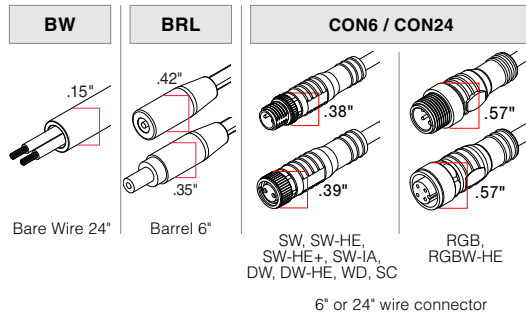
PASS THROUGH (Input/Output)



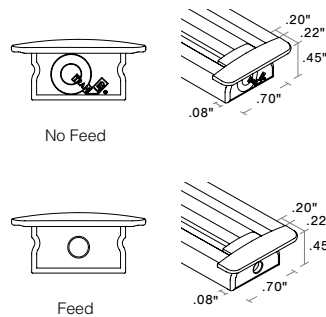
Finish



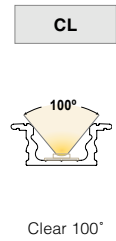
Connector/Wire – In/Out



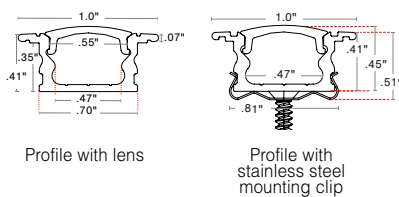
End Caps



Cut Off



Dimensions



Length (in)

Add to nominal LED length for fixture length

