

TRE3-FLAT (01) Linear Fixtures



Form meets function. Highlight architectural details with three-sided illumination to create eye-catching lines of light.

- Offered in a satin finish with a diffused lens for LED free direct view applications
- 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
- Impressive solution for surface mount and grid ceiling applications because of its unique three-sided lens

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) | |
|--|---------------------------------|--|---------------|-----------------|------|--------------|----------------------------|----------------------------|-----------------|--------------------|------------|--------|--------------|--|
| TR1SW | | | | STD | DF | | | | | | | ST | | |
| Voltage: 24 VDC | | | | | | | | | | | | | | |
| Typical lumens at 5.0W/ft with DF lens at 3000K: 345 lm/ft | | | | | | | | | | | | | | |
| | 1.5 3.0 4.0 5.0 6.0 | 20 22 24 27 30 35 40 | DRY (IP20) | STD Standard | DF | S1 S2 | BW BRL CON6 CON24 | CLS | WH BK N/A | CL2 CL2P N/A | HSS TBC | ST | | |
| | 1.5 3.0 4.0 5.0 | 24 27 30 35 40 | DMP (IP54) | | | P1 P2 | 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) | | | Pass through | | | | | | | | |

*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) |
|--|-------------------------|--|---------------|-----------------|------|--------------|----------------------------|----------------------------|-----------------|--------------------|------------|--------|--------------|
| TR1SW | | | | STD | DF | | | | | | | ST | |
| Voltage: 24 VDC | | | | | | | | | | | | | |
| Typical lumens at 6.0W/ft with DF lens at 3000K: 586 lm/ft | | | | | | | | | | | | | |
| | 1.5HE 3.0HE 6.0HE | 20 22 24 27 30 35 40 | DRY (IP20) | STD Standard | DF | S1 S2 | BW BRL CON6 CON24 | CLS | WH BK N/A | CL2 CL2P N/A | HSS TBC | ST | |
| | 1.5HE 3.0HE 6.0HE | 24 27 30 35 40 | DMP (IP54) | | | 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".

- 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

TRE3-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) |
|---------|------------------|----------------------|---------------|-----------------|------|--------------|----------------------------|----------------------------|-----------------|--------------------|------------|--------|--|
| TR1SW | | | DRY | STD | DF | | | | | | | ST | |
| | 3.0HE+ 6.0HE+ | 27 30 35 40 | DRY (IP20) | STD Standard | DF | S1 S2 | BW BRL CON6 CON24 | CLS | WH BK N/A | CL2 CL2P N/A | HSS TBC | ST | Max continuous length: 3.0W - 196" 6.0W - 118" |
| | | | | | | P1 P2 | BW BRL CON6 CON24 | BW BRL CON6 CON24 | | | | | |

Voltage: 24 VDC

Typical lumens at 6.0W/ft with DF lens at 3000K: 825 lm/ft

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

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) |
|---------|------|----------------------|---------------|-----------------|------|--------------|---------------------|---------------------|------------|-------------|------------|--------|--|
| TR1IA | 5.0 | | DRY | STD | DF | | | | | | | ST | |
| | 5.0 | 27 30 35 40 | DRY (IP20) | STD Standard | DF | S1 S2 | BW CON6 CON24 | CLS | WH BK | CL2 CL2P | HSS TBC | ST | *Available in 4" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6". |
| | | | | | | P1 P2 | BW CON6 CON24 | BW CON6 CON24 | | | | | |

Voltage: 24 VDC

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) |
|---------|------|----------------|---------------|-----------------|------|--------------|----------------------------|----------------------------|-----------------|--------------------|------------|--------|--|
| TR1WD | 6.0 | | DRY | STD | DF | | | | | | | ST | |
| | 6.0 | 19/27 19/30 | DRY (IP20) | STD Standard | DF | S1 S2 | BW BRL CON6 CON24 | CLS | WH BK N/A | CL2 CL2P N/A | HSS TBC | ST | *Available in 2" increments, maximum length of 98.43" not including end caps. Tolerance +0.0"/-0.5. Minimum fixture length 6". |
| | | | | | | P1 P2 | BW BRL CON6 CON24 | BW BRL CON6 CON24 | | | | | |

Voltage: 24 VDC

- 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

TRE3-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) |
|--|------|----------------|------------|--------------|------|--------------|---------------------|---------------------|------------|-------------|------------|--------|--------------|
| TR1DW | 6.0 | | | STD | DF | | | | | | | ST | |
| Voltage: 24 VDC | | | | | | | | | | | | | |
| Typical lumens at 6.0W/ft with DF lens at 3000K: 198 lm/ft | | | | | | | | | | | | | |
| | 6.0 | 20/27 20/30 | DRY (IP20) | STD Standard | DF | S1 S2 | BW CON6 CON24 | CLS | WH BK | CL2 CL2P | HSS TBC | ST | |
| | | 24/30 | DMP (IP54) | | | P1 P2 | BW CON6 CON24 | BW CON6 CON24 | | | | | |
| 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) |
|--|----------------|----------------------------------|------------|--------------|------|--------------|---------------------|---------------------|------------|-------------|------------|--------|--------------|
| TR1DW | | | | STD | DF | | | | | | | ST | |
| Voltage: 24 VDC | | | | | | | | | | | | | |
| Typical lumens at 5.0W/ft with DF lens at 3000K: 214 lm/ft | | | | | | | | | | | | | |
| | 3.0HE 5.0HE | 20/27 20/30 27/40 27/55 | DRY (IP20) | STD Standard | DF | S1 S2 | BW CON6 CON24 | CLS | WH BK | CL2 CL2P | HSS TBC | ST | |
| | | 24/30 27/40 | DMP (IP54) | | | P1 P2 | BW CON6 CON24 | BW CON6 CON24 | | | | | |
| 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) |
|--|------|----------------------|------------|--------------|------|--------------|----------------------------|----------------------------|-----------------|--------------------|------------|--------|--------------|
| TR1SC | 5.0 | | | STD | DF | | | | | | | ST | |
| Voltage: 24 VDC | | | | | | | | | | | | | |
| Typical lumens at 5.0W/ft with DF lens in green: 428 lm/ft | | | | | | | | | | | | | |
| | 5.0 | GR BL RD AB | DRY (IP20) | STD Standard | DF | S1 S2 | BW BRL CON6 CON24 | CLS | WH BK N/A | CL2 CL2P N/A | HSS TBC | ST | |
| | | | DMP (IP54) | | | P1 P2 | BW BRL CON6 CON24 | BW BRL CON6 CON24 | | | | | |
| | | | WET (IP67) | | | | | | | | | | |
| 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

TRE3-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) |
|--|------|-----|------------|--------------|------|---------------|---------------------|---------------------|------------|-------------|------------|--------|--------------|
| TR1RGB | 6.0 | RGB | | STD | DF | | | | | | | ST | |
| Voltage: 24 VDC | | | | | | | | | | | | | |
| | 6.0 | RGB | DRY (IP20) | STD Standard | DF | S1 S2 | BW CON6 CON24 | CLS | WH BK | CL2 CL2P | HSS TBC | ST | |
| Typical lumens at 6.0W/ft with DF lens in green: 154 lm/ft | | | DMP (IP54) | | | P1 P2 | 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 **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) |
|--|------|----------|------------|--------------|------|---------------|---------------------|---------------------|------------|-------------|------------|--------|--------------|
| TR1RGBW | 6.0 | | | STD | DF | | | | | | | ST | |
| Voltage: 24 VDC | | | | | | | | | | | | | |
| | 6.0 | 27 30 | DRY (IP20) | STD Standard | DF | S1 S2 | BW CON6 CON24 | CLS | WH BK | CL2 CL2P | HSS TBC | ST | |
| Typical lumens at 6.0W/ft with DF lens at 3000K: 75 lm/ft | | | DMP (IP54) | | | 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". | | | | | | | | | | | | | |

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) |
|--|-------|----------------------|------------|--------------|------|---------------|---------------------|---------------------|------------|-------------|------------|--------|--------------|
| TR1RGBW | 4.0HE | | | STD | DF | | | | | | | ST | |
| Voltage: 24 VDC | | | | | | | | | | | | | |
| | 4.0HE | 27 30 35 40 | DRY (IP20) | STD Standard | DF | S1 S2 | BW CON6 CON24 | CLS | WH BK | CL2 CL2P | HSS TBC | ST | |
| Typical lumens at 4.0W/ft with DF lens at 3000K: 71 lm/ft | | | DMP (IP54) | | | P1 P2 | 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

TRE3-FLAT (01) Linear Fixtures



Technical Information

Static White [Calculated L70 = 30000 hrs]
Tested with TR1SW-**-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 |
| DF | 131 | 228 | 283 | 345 | 400 |

Static White High Efficacy

[Calculated L70 = 70000 hrs]
Tested with TR1SW-**-30-DRY-STD

| | 1.5HEW/FT | 3.0HEW/FT | 6.0HEW/FT |
|----|-----------|-----------|-----------|
| | LM/FT | LM/FT | LM/FT |
| DF | 169 | 309 | 586 |

Static White High Efficacy Plus

[Calculated L70 = 50000 hrs]
Tested with TR1SW-**-30-DRY-STD

| | 3.0HE+W/FT | 6.0HE+W/FT |
|----|------------|------------|
| | LM/FT | LM/FT |
| DF | 446 | 825 |

Dynamic White

[Calculated L70 = 70000 hrs]
Tested with TR1DW-6.0**-DRY-STD

| | 3000K |
|----|-------|
| | LM/FT |
| DF | 198 |

Dynamic White High Efficacy

[Calculated L70 = 70000 hrs]
Tested with TR1DW-**-30-DRY-STD

| | 3.0HEW/FT | 5.0HEW/FT |
|----|-----------|-----------|
| | LM/FT | LM/FT |
| DF | 135 | 214 |

Static Color

 [Calculated L70 = 30000 hrs]

Tested with TR1SC-5.0**-DRY-STD

| | Red | Green | Blue | Amber |
|----|-------|-------|-------|-------|
| | LM/FT | LM/FT | LM/FT | LM/FT |
| DF | 79 | 428 | 111 | 71 |

RGB

 [Calculated L70 = 55000 hrs]

Tested with TR1RGB-6.0-RGB-DRY-STD

| | Red | Green | Blue |
|----|-------|-------|-------|
| | LM/FT | LM/FT | LM/FT |
| DF | 76 | 154 | 43 |

RGBW

 [Calculated L70 = 30000 hrs]

Tested with TR1RGBW-6.0-30-DRY-STD

| | Red | Green | Blue | 3000K |
|----|-------|-------|-------|-------|
| | LM/FT | LM/FT | LM/FT | LM/FT |
| DF | 28 | 94 | 24 | 75 |

RGBW High Efficacy

 [Calculated L70 = 70000 hrs]

Tested with TR1RGBW-4.0HE-30-DRY-STD

| | Red | Green | Blue | 3000K |
|----|-------|-------|-------|-------|
| | LM/FT | LM/FT | LM/FT | LM/FT |
| DF | 30 | 116 | 25 | 71 |

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 |

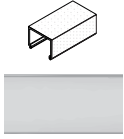
TRE3-FLAT (01) Linear Fixtures



Lens

with LED visibility

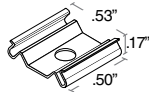
DF



Diffused

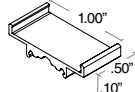
Mounting

HSS



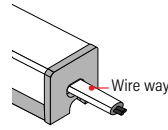
Hidden stainless steel clip
2 clips provided for 4' or less; 4 clips provided for greater than 4'

TBC



Plastic T-Bar clip
Standard 1"(15/16) grid clips
2 clips provided per first 12",
1 clip provided per additional foot

Wire Way

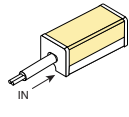


Type

SINGLE (Input only)

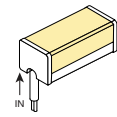
PASS THROUGH (Input/Output)

S1



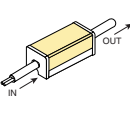
End feed

S2



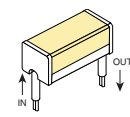
Bottom feed

P1



End feed

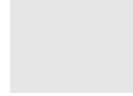
P2



Bottom feed

Finish

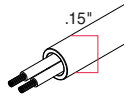
ST



Satin

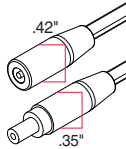
Connector/Wire – In/Out

BW



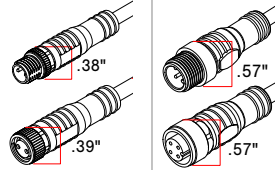
Bare Wire 24"

BRL



Barrel 6"

CON6 / CON24

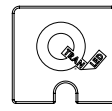


SW, SW-HE, SW-HE+, SW-IA, DW, DW-HE, WD, SC

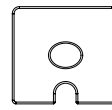
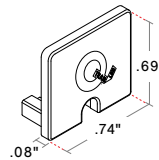
RGB, RGBW, RGBW-HE

6" or 24" wire connector

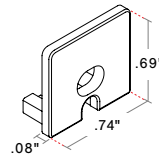
End Caps



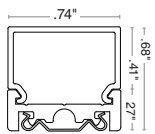
No Feed



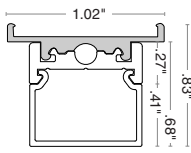
Feed



Dimensions



Profile with hidden stainless steel mounting clip



Profile with plastic T-Bar mounting clip

Length (in) Add to nominal LED length for fixture length

