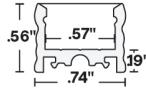
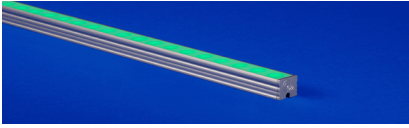




ESSENTIALS TALO- ENCAPSULATED (03) RGB

24VDC Linear Fixtures - Surface



- Surface mount linear fixture
- Features high quality LED strips encapsulated in polyurethane in a rigid extrusion providing a robust fixture
- Encapsulation available in clear or translucent
- Suitable for indoor and outdoor locations (IK10)
- Mounting options include hidden stainless steel clip and plastic T-bar clips
- Features painted end caps to match extrusion finish or clear end caps to achieve seamless appearance of long runs
- Red, Green, and Blue LED allows for color changing applications
- Features 7 diodes per 2" cut point

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 |
|---------|----------|-----|-------|------------|------|-------------------|-------------------|--------------------|---------------|----------------|------------|-----------|----------|--------|-------------|---------------|
| PRODUCT | WATTS/FT | CCT | RATED | EFFICIENCY | LENS | WIRE INPUT/OUTPUT | CONNECTOR/WIRE IN | CONNECTOR/WIRE OUT | INPUT END CAP | OUTPUT END CAP | WIRE COLOR | WIRE TYPE | MOUNTING | FINISH | LENGTH (IN) | EXACT/OPTIMAL |
| TO3RGB | 6.0 | RGB | ENC | STD | | | | | STD | STD | | | | | | |

Sample Part Number: **TO3RGB-6.0-RGB-ENC-STD-TL-P1-BW-BW-STD-STD-BK-CL2-HSS-ST-48"-E**

1

PRODUCT

TO3RGB

See following pages for compatible power supplies.

2

WATTS/FT

6.06.0W/ft

3

CCT

RGB

4

RATED

ENCIP67

5

EFFICIENCY

STDStandard

6

LENS

CLClear
TLTranslucent

For representation of LED visibility, see Diode Visibility section on following pages.
For beam angles, see Photometric Performance section on following pages

7

WIRE INPUT/OUTPUT

S1Single 1 (Input only) - End Feed
S2Single 2 (Input only) - Bottom Feed

P1Pass Through 1 (Input/output) - End Feed
P2Pass Through 2 (Input/output) - Bottom Feed

8

CONNECTOR/WIRE IN

BWCON6CON24Bare Wire (Standard 24")
Connector 6"
Connector 24"

BWCON6CON24Bare Wire (Standard 24")
Connector 6"
Connector 24"

9

CONNECTOR/WIRE OUT

CLSClosed End (No feed)

BWCON6CON24Bare Wire (Standard 24")
Connector 6"
Connector 24"

For continuous mounting, consider bottom feed
When using TBC Mounting, a bare wire S2 wire feed is recommended.
See install instructions for details.

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)

10

INPUT END CAP

STDStandard

STD - End cap matches fixture finish chosen

11

OUTPUT END CAP

STDStandard

STD - End cap matches fixture finish chosen

12

WIRE COLOR

WHWhite
BKBlack

13

WIRE TYPE

CL2Class 2
CL2PPlenum Rated

CL2P only available with bare wire leads (BW)

14

MOUNTING

HSSHHidden Stainless Steel Clip
TBC-019/16" Flat or Tegular TB-Grid
TBC-0215/16" Flat or Tegular TB-Grid

15

FINISH

STSTatin
BKBlack
CUCustom

Custom finishes require a longer lead time, consult factory.

16

LENGTH (IN)

Minimum length is 12", maximum length is 98" not including end caps. Contact us for lengths under 12".

17

EXACT/OPTIMAL

OE
Optimal Illumination
Exact Specified Length

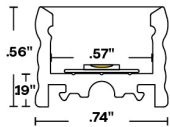
Exact fixtures match the exact length you specify, but they may have dim spots at the ends. Optimal fixtures are slightly shorter than the length specified, but provide full illumination from end to end. See Exact/Optimal Fixture Length charts.



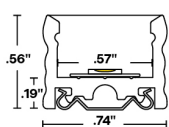
ESSENTIALS TALO-ENCAPSULATED (03) RGB

24VDC Linear Fixtures - Surface

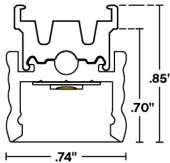
1 PRODUCT - DIMENSIONS



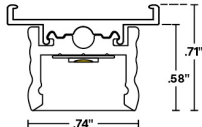
Profile



Profile with hidden stainless steel mounting clip



Profile with TBC-01



Profile with TBC-02

2 DELIVERED LUMENS

[Calculated L70 = 40000 hrs]
Tested with TO3RGB-6.0-RGB-ENC-STD

| | Red | | Green | | Blue | | All |
|----|-------|------------|-------|------------|-------|------------|-----|
| | LM/FT | WAVELENGTH | LM/FT | WAVELENGTH | LM/FT | WAVELENGTH | |
| CL | 62 | 633 | 125 | 523 | 35 | 469 | 201 |
| TL | 32 | 633 | 65 | 523 | 18 | 469 | 104 |

6 DIODE VISIBILITY



ENC/CL - Clear encapsulation

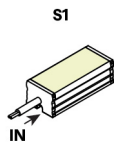
ENC/TL - Translucent encapsulation

TEMPERATURE RATINGS

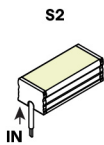
| | 6.0 W/FT | |
|----------------------------------|----------|------|
| | Min | Max |
| Ambient Operating Temp - Surface | -13°F | 90°F |

7 WIRE INPUT/OUTPUT

SINGLE (Input only)

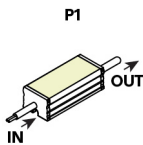


End Feed

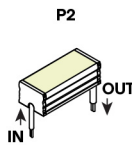


Bottom Feed

PASS THROUGH (Input/Output)



End Feed



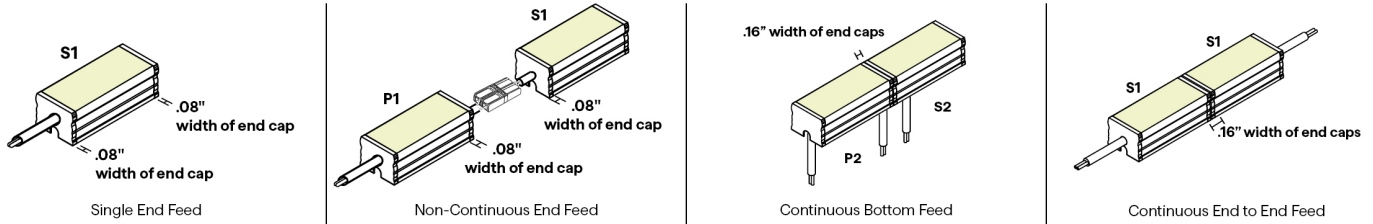
Bottom Feed



ESSENTIALS TALO-ENCAPSULATED (03) RGB

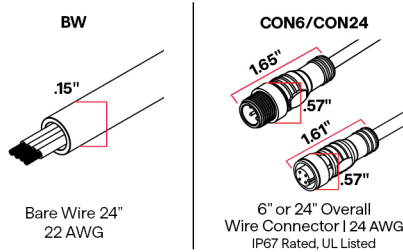
24VDC Linear Fixtures - Surface

CONFIGURATION OPTIONS



8 / 9 CONNECTOR/WIRE - IN/OUT

Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out



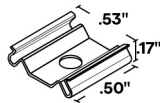
12 WIRE COLOR



White
Black

14 MOUNTING

HSS



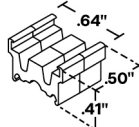
Hidden Stainless Steel Clip

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

To order separately use SST-02

Each clip comes with a #4 x 5/8 Flat Head SS

TBC-01



Plastic T-Bar Clip

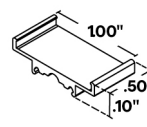
Use on 9/16\" Flat or Tegular Drop Ceiling

2 clips provided for first 12'; 1 clip provided for each additional 12\" or less length

To order separately use TBC-01

Each pair of clips comes with M2.5 x 4mm set screw and Allen key

TBC-02



Plastic T-Bar Clip

Use on 15/16\" Flat or Tegular Drop Ceiling

2 clips provided for first 12'; 1 clip provided for each additional 12\" or less length

To order separately use TBC-02

Each pair of clips comes with M2.5 x 4mm set screw and Allen key

15 FINISH



Custom finishes require a longer lead time, consult factory



ESSENTIALS TALO-ENCAPSULATED (03) RGB

24VDC Linear Fixtures - Surface

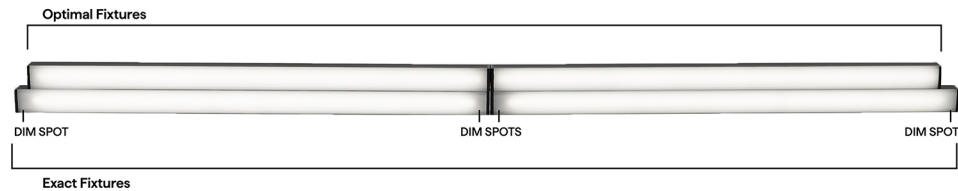
17

EXACT/OPTIMAL FIXTURE LENGTH

E/O Length Calculator →

E/O Explained →

Exact fixtures are the exact length specified. Optimal fixtures' length is rounded down based on LED cut points to allow the fixture to be illuminated end to end. For runs with multiple fixtures that need to fill a specific length, it's recommended to order all optimal fixtures with an exact fixture at the end of the run.



RGB ENC LENGTHS BY INCH

EXACT LENGTH

| Requested Length | Potential dim spot on either end of a S1 fixture |
|------------------|--|
| | S1 |
| | |
| 12" | 1" |
| 13" | 0.5" |
| 14" | 1" |
| 15" | 0.5" |
| 16" | 1" |
| 17" | 0.5" |
| 18" | 1" |
| 19" | 0.5" |
| 20" | 1" |
| 21" | 0.5" |
| 22" | 1" |
| 23" | 0.5" |
| 24" | 1" |
| 36" | 1" |
| 48" | 1" |
| 60" | 1" |
| 72" | 1" |
| 84" | 1" |
| 96" | 1" |

OPTIMAL LENGTH

| Requested Nominal Length | S1 & S2 | | P1 & P2 | |
|--------------------------|---------|----|---------|----|
| | S1 | S2 | P1 | P2 |
| | | | | |
| 12" | 10.51" | | 10.86" | |
| 13" | 12.51" | | 12.86" | |
| 14" | 12.51" | | 12.86" | |
| 15" | 14.51" | | 14.86" | |
| 16" | 14.51" | | 14.86" | |
| 17" | 16.51" | | 16.86" | |
| 18" | 16.51" | | 16.86" | |
| 19" | 18.51" | | 18.86" | |
| 20" | 18.51" | | 18.86" | |
| 21" | 20.51" | | 20.86" | |
| 22" | 20.51" | | 20.86" | |
| 23" | 22.51" | | 22.86" | |
| 24" | 22.51" | | 22.86" | |
| 36" | 34.51" | | 34.86" | |
| 48" | 46.51" | | 46.86" | |
| 60" | 58.51" | | 58.86" | |
| 72" | 70.51" | | 70.86" | |
| 84" | 82.51" | | 82.86" | |
| 96" | 94.51" | | 94.86" | |

COMPATIBLE POWER SUPPLIES

See power supplies cut sheets for more information. Data subject to change, all data has +/- 5% tolerance.

| DIM TO LEVEL | INDOOR | OUTDOOR |
|--------------|--|---|
| | RGB | RGB |
| 0.1% | QT-CAB-eLED+DALI-DT8 QT-CAB-eLED+DMX QTM-eLED+DALI-DT8 QTM-eLED+DMX QZ-DMX | Q-SET-QZ-DMX QOM-eLED+DALI-DT8 QOM-eLED+DMX QOM-eLED+PS-DALI-DT8 QZ-DMX |
| 1% | QZ-DALI-DT8 | Q-SET+QZ-DALI-DT8 QZ-DALI-DT8 |
| 10% | Non-Dim Power Supply with RGB App Dongle | |



ESSENTIALS TALO-ENCAPSULATED (03) RGB

24VDC Linear Fixtures - Surface

| DIMMING PROTOCOL | INDOOR | OUTDOOR |
|---------------------|--|---|
| | RGB | RGB |
| DMX | QTM-eLED+DMX QZ-DMX | Q-SET-QZ-DMX QOM-eLED+DMX QZ-DMX |
| DALI-2: DT8 | QT-CAB-eLED+DALI-DT8 QTM-eLED+DALI-DT8 QZ-DALI-DT8 | Q-SET+QZ-DALI-DT8 QOM-eLED+DALI-DT8 QZ-DALI-DT8 |

COMPATIBLE MOUNTING ACCESSORIES

HINGE - HMB-M

1.41" .71"

Adjustable mounting bracket - Medium

HINGE - HMB-L

1.46" 1.29"

Adjustable mounting bracket - Large

HINGE - HMB-XL

4" 1.46"

Adjustable mounting bracket - XLarge

Q-PIVOT

.75" 1.03"

Small mounting accessory

Q-ANGLE

2.23" 1.38"

Adjustable mounting accessory

COMPATIBLE WIRING ACCESSORIES

Q-mini-J5

2.80" 2.27"

UL Listed, miniature junction box, DRY/DMP (WET rated with silicone)

IQ-DMX-STICK-GA2

DMX controller for changing color & dimming

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE

1.36" 2.58"

Wi-Fi or Bluetooth Connectivity

IQ-DMX-STICK-GA2

DMX controller for changing color & dimming

COMPATIBLE APPS

NFC APP

Q-NFC

Read and write DMX addresses and adjust voltage