


Q-TRAN EB3DW-3 Linear LED Lights Instructions

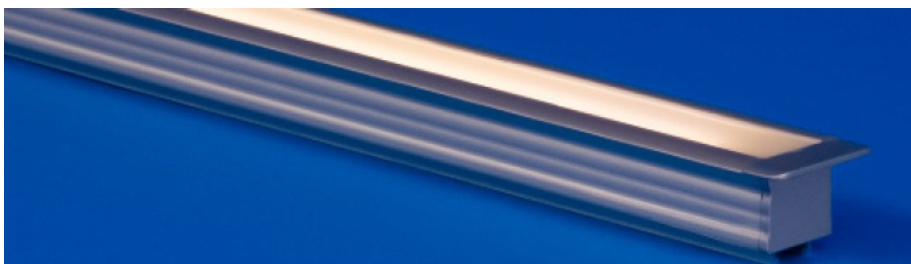
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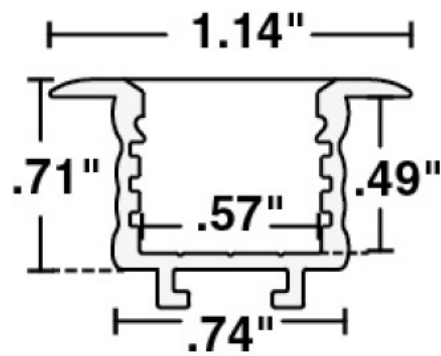
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Q-TRAN EB3DW-3 Linear LED Lights





- Encapsulated with polyurethane for indoor and outdoor locations (IK10)
- Perfect for recess mounted installations
- Features high quality LED strips encapsulated in a rigid extrusion providing a robust fixture for various environments
- Delivers superior uniform light output and luminosity

Sample Part Number: EB3DW-3.0-24/30-ENC-STD-TL-P1-BW-BW-BK-CL2-SP-ST-48"-E

1 PRODUCT EB3DW Using DALI, DMX, or non Q-Tran power supplies may double watts/ft. See last page for compatible power supplies.	2 WATTS/FT 1.5HE 1.5W/ft HE 2.5HE 2.5W/ft HE	3 CCT 24/30 2400K/3000K 27/40 2700K/4000K	4 RATED ENC IP67	5 EFFICIENCY STD Standard
6 LENS CL Clear TL Translucent 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 S1 Single 1 (Input only) - End Feed S2 Single 2 (Input only) - Bottom Feed For continuous mounting, consider bottom feed P1 Pass Through 1 (Input/output) - End Feed P2 Pass Through 2 (Input/output) - Bottom Feed For continuous mounting, consider bottom feed	8 CONNECTOR/WIRE IN BW Bare Wire (Standard 24") CON6 Connector 6" CON24 Connector 24" Connector/Wire In not needed to specify product. Typical selection is BW. BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48) BW Bare Wire (Standard 24") CON6 Connector 6" CON24 Connector 24" Connector/Wire In not needed to specify product. Typical selection is BW. BW: Standard length is 24", Max length is 120". Request custom length by writing in part number next to BW (example: BW48)			

9

CONNECTOR/WIRE OUT

CLS Closed End (No feed)

BW Bare Wire (Standard 24")
CON6 Connector 6"
CON24 Connector 24"

Connector/Wire Out not needed to specify product. Typical selection is CLS or BW.

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

STD Standard

STD - End cap matches fixture finish chosen

11

OUTPUT END CAP

STD Standard

STD - End cap matches fixture finish chosen

12

WIRE COLOR

WH White
BK Black

13

WIRE TYPE

CL2 Class 2
CL2P Plenum Rated

CL2P only available with bare wire leads (BW)

14

MOUNTING

MG Magnet
SP Spring Clip

15

FINISH

ST Satin

16

LENGTH (IN)

Fixture length min 12", max 98.43" not including end caps.
 Tolerance +0 – 1/8". Consult factory for lengths under 12".

17

EXACT/OPTIMAL

O Optimal Illumination
E Exact Specified Length

Exact fixtures are the exact length specified +0 – 1/8".
 Optimal fixtures' length is rounded down with illumination end to end.
 See Exact/Optimal Fixture Length charts.

5 year warranty | Field modifications void warranty | Data subject to change, all data has +/- 5% tolerance |
 Compatible for use with Q-Tran power supplies | IK10 rated

Product Information

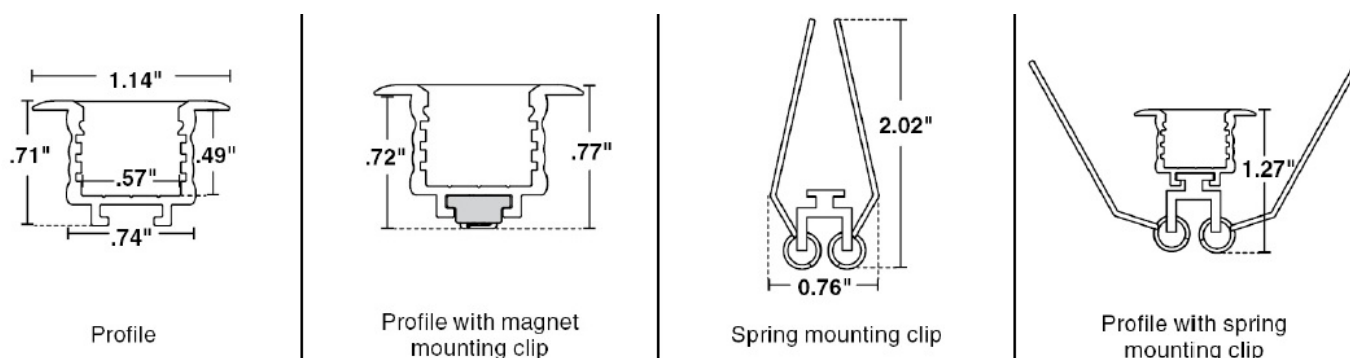
Specifications:

- **Product Type:** Linear Fixtures – Recessed
- **Encapsulation:** Polyurethane (IK10)
- **Indoor/Outdoor Use:** Yes
- **LED Strips:** High quality, encapsulated in a rigid extrusion
- **Light Output:** Superior uniform light output and luminosity
- **Warranty:** 5 years

Product Usage Instructions

Dimensions:

The product dimensions may vary based on the specific part number. Please refer to the product specifications for the exact dimensions.



Delivered Lumens:

The delivered lumens may vary based on the specific part number. Please refer to the product specifications for the exact delivered lumens.

[Calculated L70 = 40000 hrs] Tested with EB3DW-**-30-ENC-STD

	1.5HE W/FT	2.5HE W/FT
	LM/FT	LM/FT
CL	110	174
TL	89	141

Diode Visibility:

The encapsulation of the product can be clear or translucent. The clear encapsulation provides better diode visibility compared to the translucent encapsulation. For more information on LED visibility, please refer to the Diode Visibility section in the user manual.



ENC/CL - Clear encapsulation

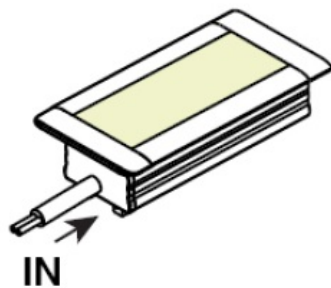
ENC/TL - Translucent encapsulation

Wire Input/Output

The product supports two types of wire input/output configurations:

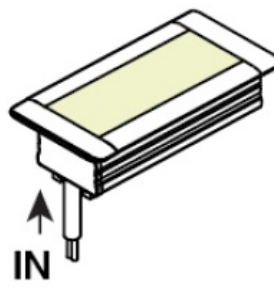
- **SINGLE (Input only):** This configuration allows for input wiring only. It is suitable for end feed installations.

S1



End Feed

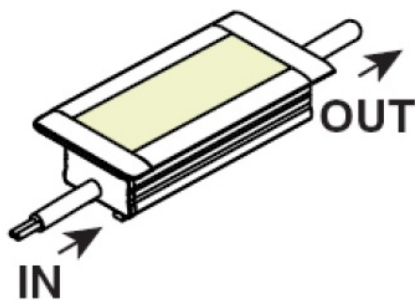
S2



Bottom Feed

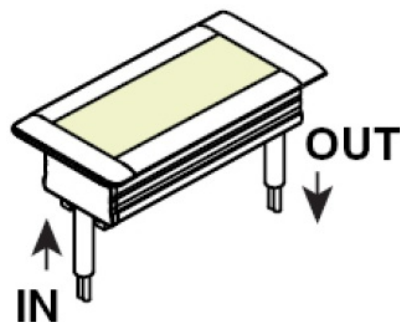
- **PASS THROUGH (Input/Output):** This configuration allows for both input and output wiring. It is suitable for continuous mounting installations.

P1



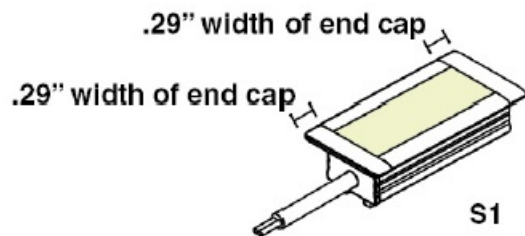
End Feed

P2

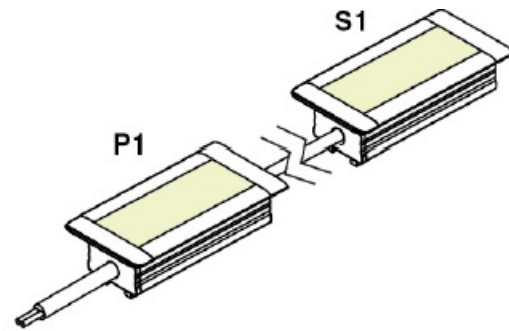


Bottom Feed

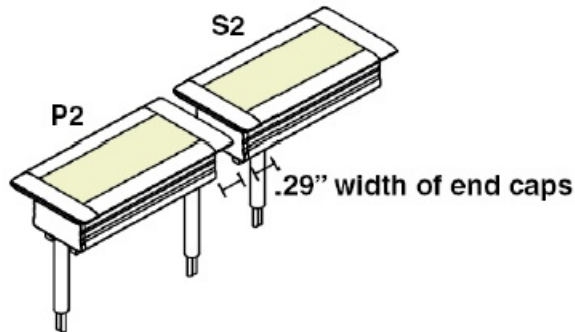
CONFIGURATION OPTIONS



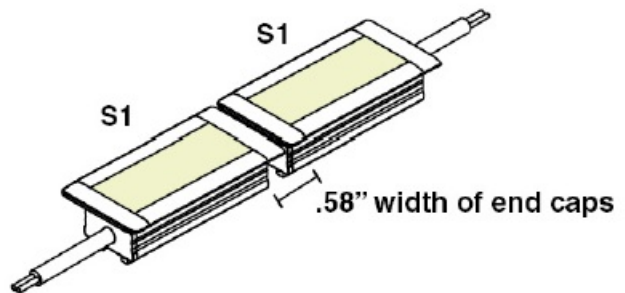
Single End Feed



Non-Continuous End Feed



Non-Continuous Bottom Feed

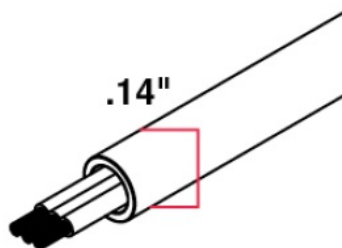


Continuous End to End Feed

CONNECTOR/WIRE – IN/OUT

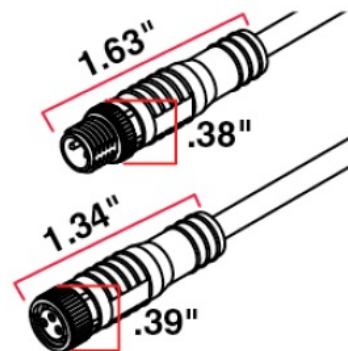
Connector/Wire In or Out not needed to specify product. Standard configuration is BW for Wire In and CLS for Wire out

BW



Bare Wire 24"
22 AWG

CON6/CON24



6" or 24" Overall
Wire Connector | 22 AWG
IP67 Rated, UL Listed

WIRE COLOR



White

Black

Mounting

The product supports two types of mounting options:

- **Magnet:** The product can be mounted using magnets.
- **Spring Clip:** The product can be mounted using spring clips.

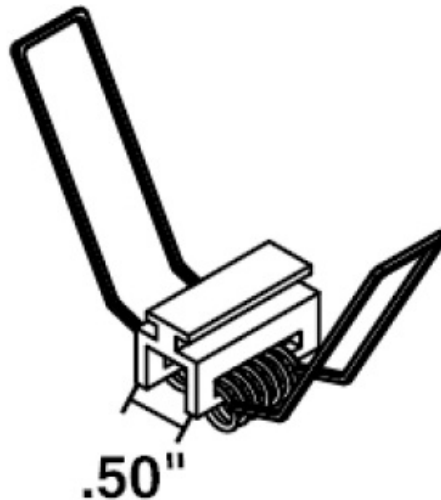
MG



Magnet Clip

One MG provided per foot To order separately use MG-02

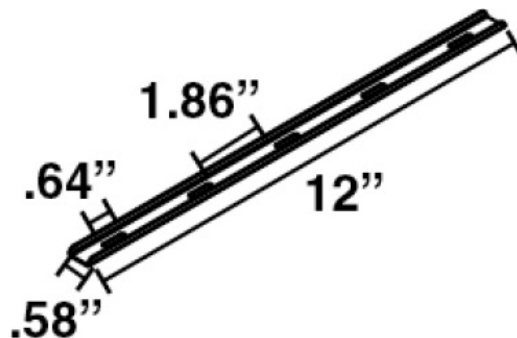
SP



Spring Clip

2 clips provided for 4' or less. 4 clips provided for greater than 4'. To order separately use SP-01

MMA-02



Magnet Mount

Accessory for MG-02

Sold separately, to order use MMA-02 Each bracket comes with 2 #6 x 5/8" Flat Head SS Required when mounting to a non-magnetic surface

Finish:

The product is available in a satin finish.



Satin

EXACT/OPTIMAL FIXTURE LENGTH**Length:**

The length of the product can be specified as either exact or optimal:

- **Exact:** The product will be manufactured to the specified length.
- **Optimal:** The product will be manufactured to provide optimal illumination based on the specified length.

EXAMPLES OF 12" OPTIMIZED STATIC WHITE FIXTURES WITH DIFFUSED LENS

S1 & S2



P1 & P2

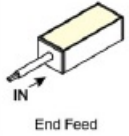
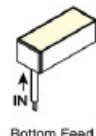
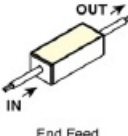
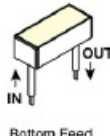
DW-HE ENC LENGTHS BY INCH

Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is $+0 - 1/8"$. Consult factory for lengths under 12".

EXACT LENGTH

Requested Length	Potential dim spot on either end of fixture
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: highlighted rows are closest to requested nominal length

Requested Nominal Length	S1 & S2		P1 & P2	
	 S1 IN End Feed	 S2 IN Bottom Feed	 P1 IN OUT End Feed	 P2 IN OUT Bottom Feed
12"		10.5"		10.75"
13"		12.5"		12.75"
14"		12.5"		12.75"
15"		14.5"		14.75"
16"		14.5"		14.75"
17"		16.5"		16.75"
18"		16.5"		16.75"
19"		18.5"		18.75"
20"		18.5"		18.75"
21"		20.5"		20.75"
22"		20.5"		20.75"
23"		22.5"		22.75"
24"		22.5"		22.75"
36"		34.5"		34.75"
48"		46.5"		46.75"
60"		58.5"		58.75"
72"		70.5"		70.75"
84"		82.5"		82.75"
96"		94.5"		94.75"

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
	DW-HE Tunable Applications	DW-HE Tunable Applications
0.1%	QTM-eLED+TW QTM-eLED+TW-AN QZ-DMX	Q-SET-QZ-DMX QOM-eLED+TW QZ-DMX
1%	QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AN QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AN	QOM-eLED+DALI-DT6 QOM-eLED+DALI-DT8
10%	Non-Dim Power Supply with TW App Dongle	

0-10V	QTM-eLED+TW QTM-eLED+TW-AN	QOM-eLED+TW
Lutron Athena	QTM-eLED+DALI-DT6-AN QTM-eLED+DALI-DT8-AN QTM-eLED+TW-AN	
DMX LED wattage must be doubled for DW-HE products	QZ-DMX	Q-SET-QZ-DMX QZ-DMX
DALI-2: DT6 LED wattage must be doubled for DW-HE products	QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AN	QOM-eLED+DALI-DT6
DALI-2: DT8 LED wattage must be doubled for DW-HE products	QTM-eLED+DALI-DT8 QTM-eLED+DALI-DT8-AN	QOM-eLED+DALI-DT8
SCENE App Dimmed	Non-Dim Power Supply with TW App Dongle	

COMPATIBLE WIRING ACCESSORIES

CON-EXT



10ft Con cable
extender

CON FOUR-FER



Splits lead from one
to four LED Con
connectors

CON M - BARREL F



Male con to barrel
cable adaptor

COMPATIBLE CONTROL ACCESSORIES

SCENE APP DONGLE



FAQ

1. **Q: What is the warranty period for the product?**

A: The product comes with a 5-year warranty.

2. **Q: Can the product be used with Q-Tran power supplies?**

A: Yes, the product is compatible for use with Q-Tran power supplies.

3. **Q: What is the IP rating of the product?**

A: The product is rated IP67, making it suitable for both indoor and outdoor locations.

4. **Q: Can the product be modified in the field?**

A: Field modifications will void the warranty of the product. It is recommended to use the product as specified.

5. **Q: Are there any tolerance levels for the provided data?**

A: All data provided has a +/- 5% tolerance level.

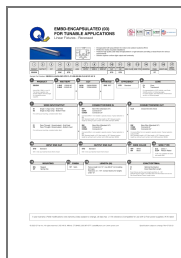
6. **Q: Can the product be used in tunable applications?**

A: Yes, the product is specifically designed for tunable applications.

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Documents / Resources



[Q-TRAN EB3DW-3 Linear LED Lights](#) [pdf] Instructions
EB3DW-3 Linear LED Lights, EB3DW-3, Linear LED Lights, LED Lights

References

- [Your Name as Your Email | Hover Realnames](#)
- [LED Lighting Systems, Linear LED Lights, LED transformers | Q-Tran](#)
- [LED Lighting Systems, Linear LED Lights, LED transformers | Q-Tran](#)
- [User Manual](#)