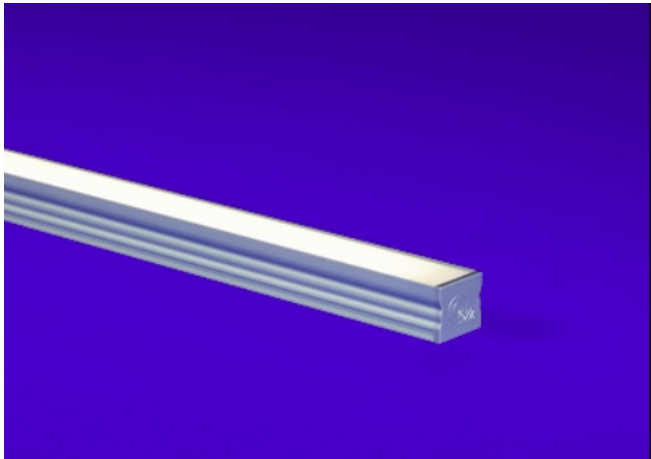


Q-TRAN TQ3SC Linear Fixtures Surface Datasheet

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Q-TRAN TQ3SC Linear Fixtures Surface Datasheet



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TORQ-ENCAPSULATED

- Encapsulated with polyurethane for indoor and outdoor locations (IK10)
- Perfect for surface 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
- Q-Tran Red & Amber LED products are Florida Fish and Wildlife Conservation Commission certified, making them safe for turtles and other wildlife

PRO DUC T	WA TTS / FT	CC T	RA TE D	EFFI CIEN CY	LE NS	WIR E IN PUT / O UTP UT	CONN ECTO R/ WI RE IN	CONN ECTO R/ WI RE IN	IN PU T EN D CA P	IN PU T EN D CA P	WI RE CO LO	13 WI RE TY PE	MOU NTIN G	FI NI SH	LEN GT H (I N	EXA CT/ OP TIM A
TQ3 SC	5.0		ENC													

Sample Part Number: TQ3SC-5.0-G-ENC-WO-TL-P1-BW-BW-BK-CL2-SST-ST-48"-E

PRODUCT

TQ3SC

See last page for compatible power supplies.

WATTS/FT

5.0 5.0W/ft

CCT

A Amber

B Blue

G Green

R Red

RATED

ENC IP67

EFFICIENCY

STD Standard

WO White Optics

WhiteOptics – Internal coating, greater lumen output

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

WIRE INPUT/OUTPUT

S1 Single 1 (Input only) – End Feed

S2 Single 2 (Input only) – Bottom Feed

S3 Single 3 (Input only) – Left Side Feed

S4 Single 4 (Input only) – Right Side Feed

For continuous mounting, consider bottom or side feed

P1 Pass Through 1 (Input/output) – End Feed

P2 Pass Through 2 (Input/output) – Bottom Feed

P3 Pass Through 3 (Input/output) – Left Side Feed

P4 Pass Through 4 (Input/output) – Right Side Feed

For continuous mounting, consider bottom or side feed

CONNECTOR/WIRE IN

BW Bare Wire (Standard 24")

BRL Barrel

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")

BRL Barrel

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)

CONNECTOR/WIRE OUT

CLS Closed End (No feed)

BW Bare Wire (Standard 24")

BRL Barrel

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)

INPUT END CAP

STD Standard

CL Clear

STD – End cap matches fixture finish chosen

Select CL for continuous runs

OUTPUT END CAP

STD Standard

CL Clear

STD – End cap matches fixture finish chosen

Select CL for continuous runs

WIRE COLOR

WH White

BK Black

N/A For Barrel

WIRE TYPE

CL2 Class 2

CL2P Plenum Rated

N/A For Barrel

CL2P only available with bare wire leads (BW)

MOUNTING

SST Stainless Steel
MG Magnet
M4 Low Profile Magnet

FINISH

ST Satin
BK Black
BZ Bronze

LENGTH (IN)

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

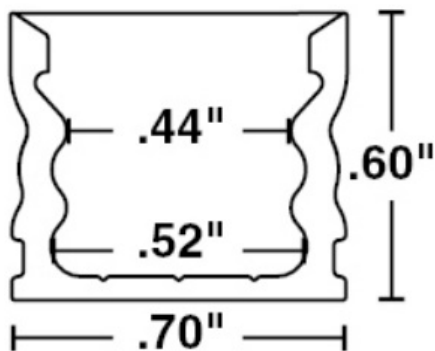
EXACT/OPTIMAL

O Optimal Illumination
E Exact Specified Length

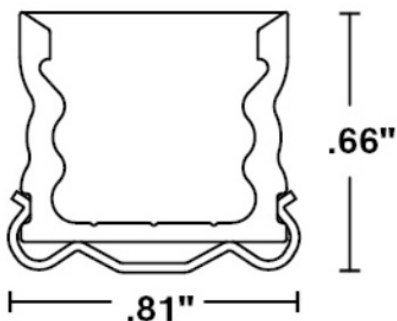
Exact fixtures are the exact length specified $+0 - 1/8$ ". Optimal fixtures' length is rounded down with illumination end to end. See Exact/Optimal Fixture Length charts.

PRODUCT – DIMENSIONS

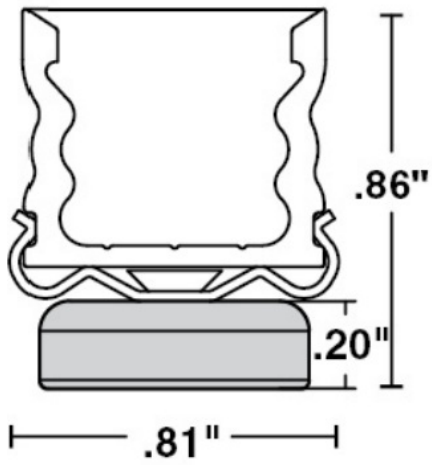
- Profile



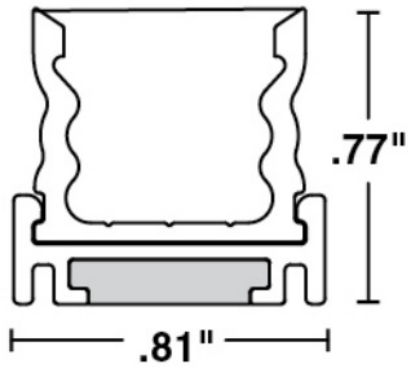
- Profile with stainless steel mounting clip



- Profile with magnet mounting



- Profile with low profile magnet



DELIVERED LUMENS

[Calculated L70 = 40000 hrs) Tested with TQ3SC-5.0-**-ENC-STD

	Red	Green	Blue	Amber
	LM/FT	LM/FT	LM/FT	LM/FT
CL	67	360	93	60
TL	55	298	77	50

Calculated L70 = 40000 hrs] Tested with TQ3SC-5.0-**-ENC-WO

	Red	Green	Blue	Amber
	LM/FT	LM/FT	LM/FT	LM/FT
CL	78	422	110	71
TL	69	372	96	62

DIODE VISIBILITY

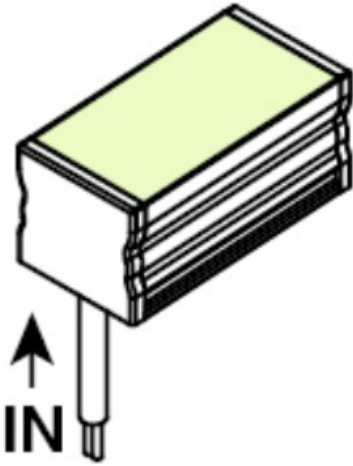
ENC/CL – Clear encapsulation

ENC/TL – Translucent encapsulation

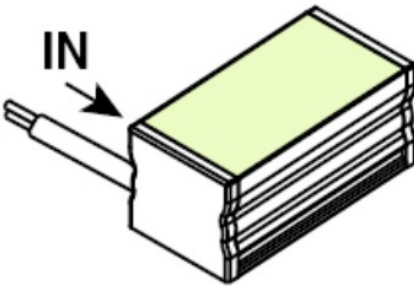
WIRE INPUT/OUTPUT

SINGLE (Input only)

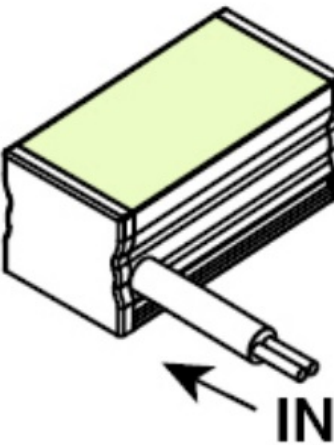
- End Feed



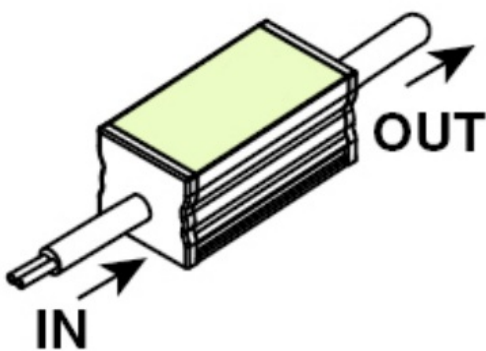
- Bottom Feed



- Side Feed-Left

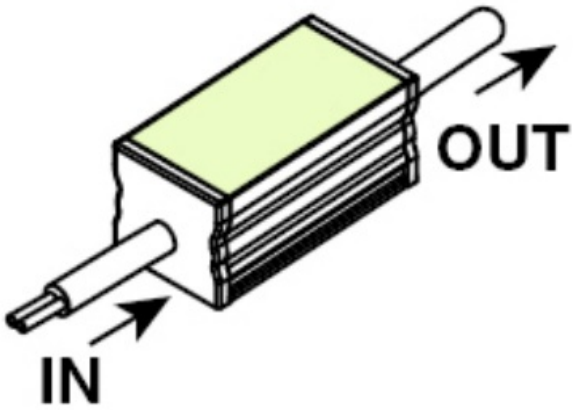


- Side Feed-Right

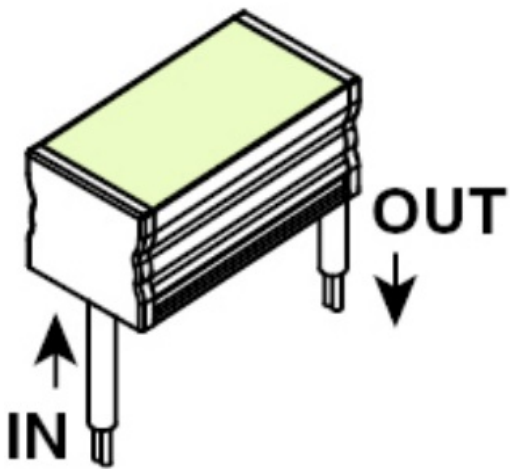


PASS THROUGH (Input/Output)

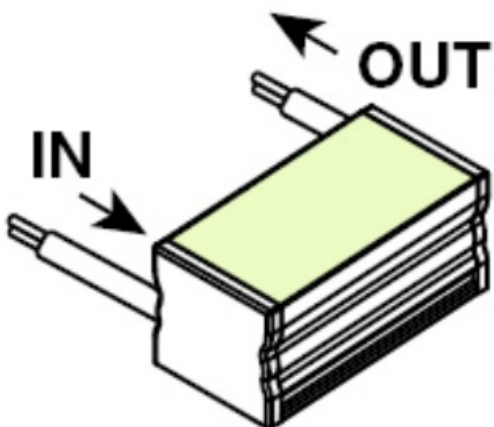
- End Feed



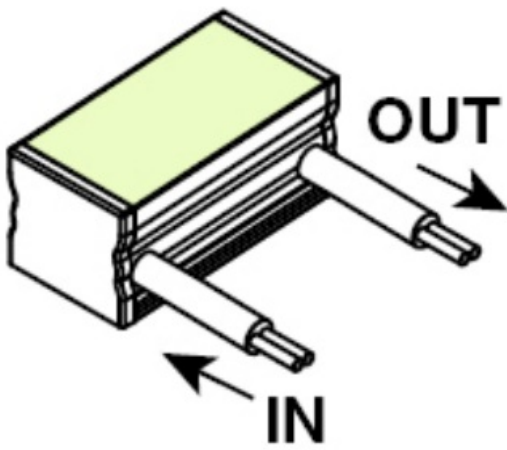
- Bottom Feed



- Side Feed-Left

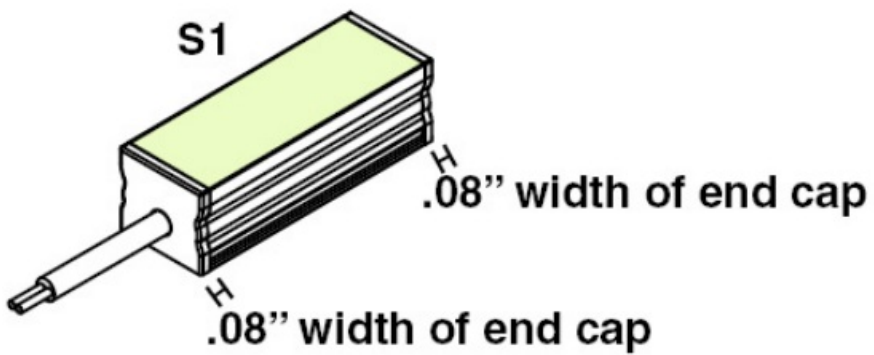


- Side Feed-Right

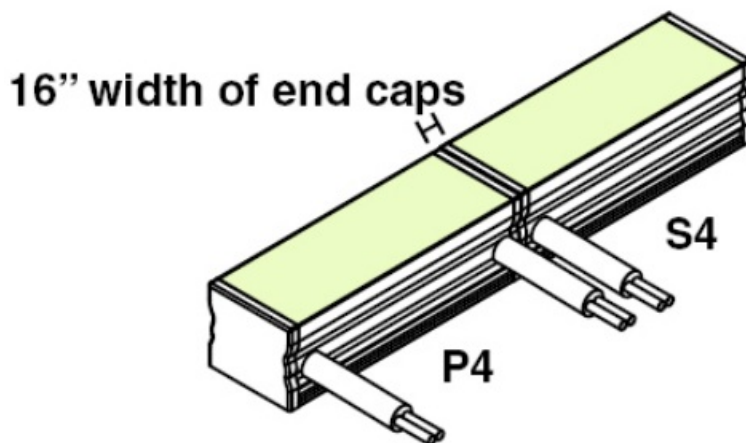


CONFIGURATION OPTIONS

- Single End Feed

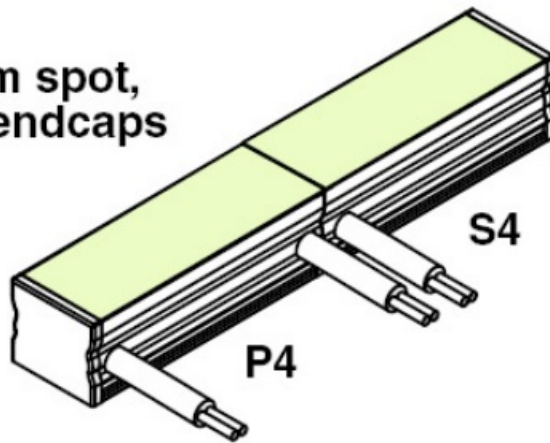


- Continuous Side Feed – Right

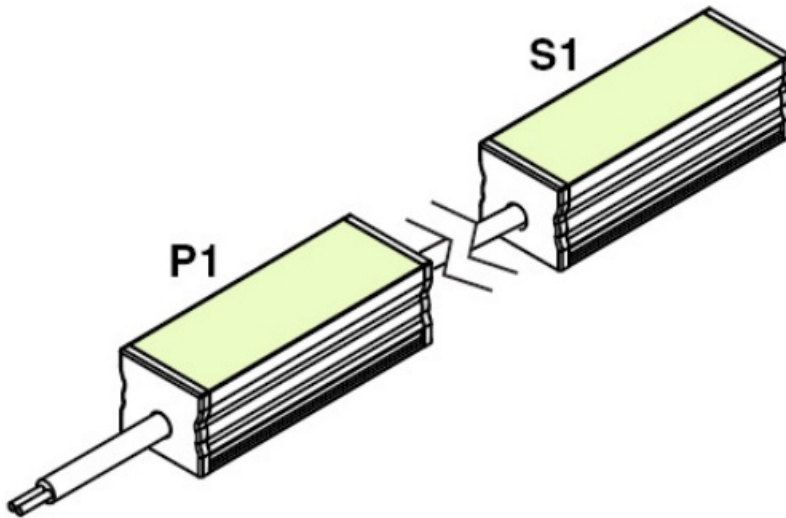


- Continuous Side Feed – Right

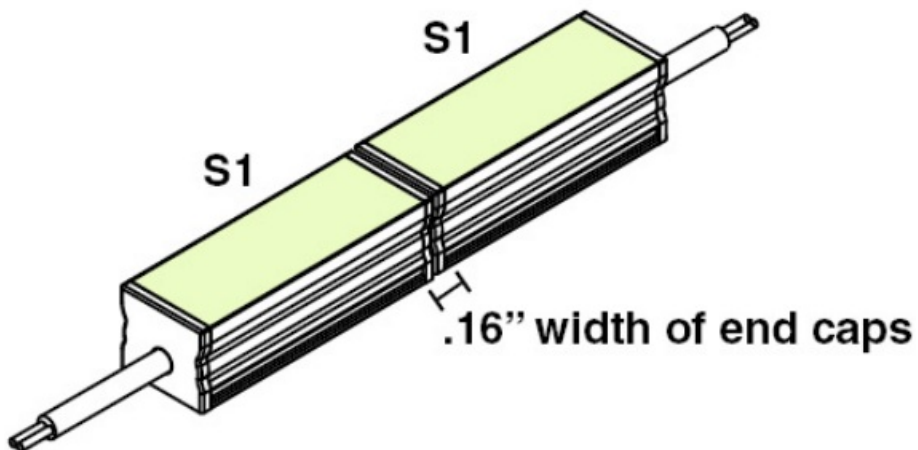
**No dim spot,
clear endcaps**



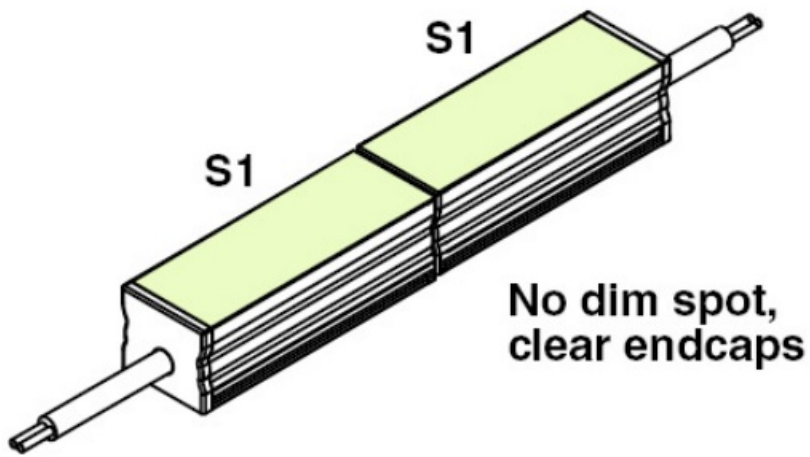
- Non-Continuous End Feed



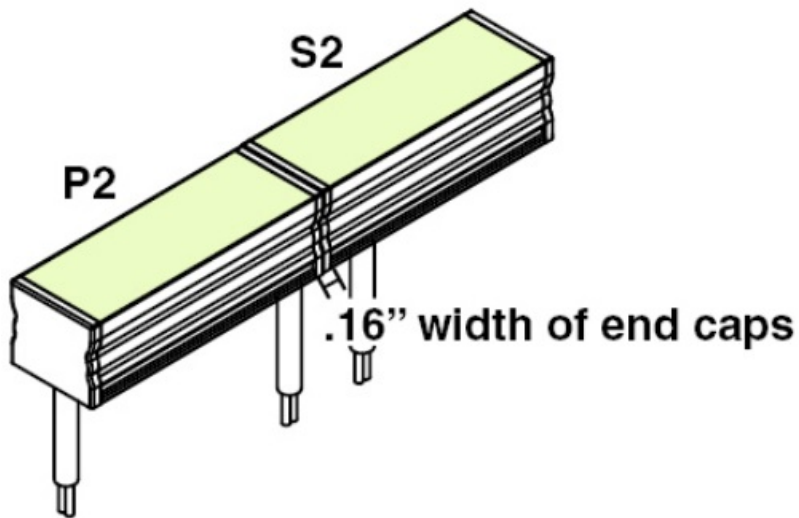
- Continuous End to End Feed



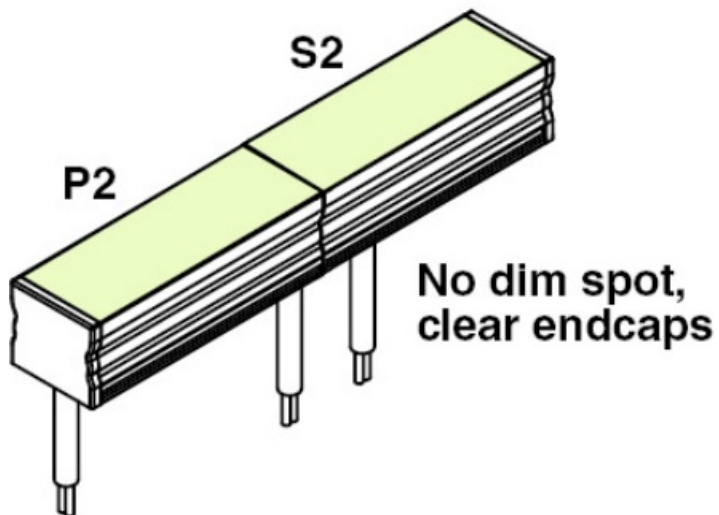
- Continuous End to End Feed



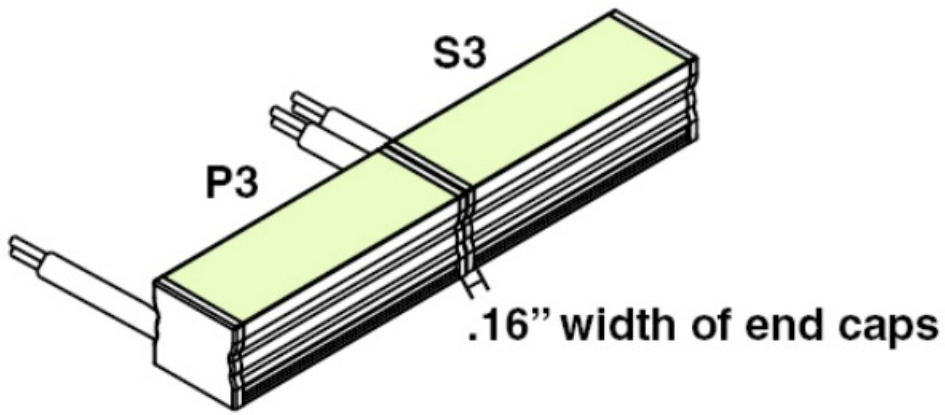
- Continuous Bottom Feed



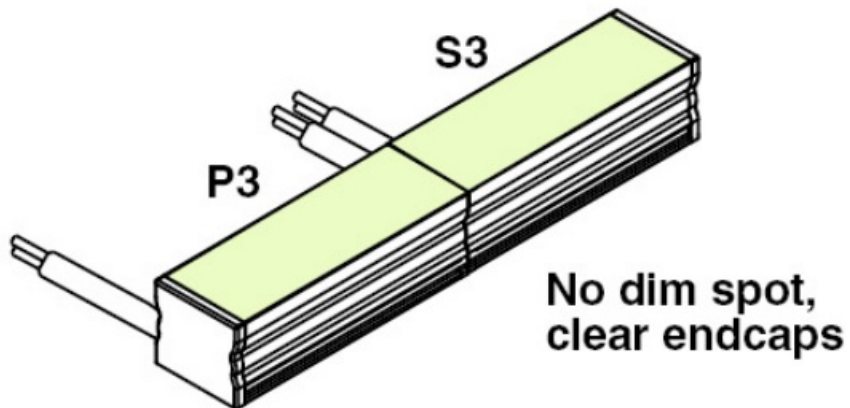
- Continuous Bottom Feed



- Continuous Side Feed – Left

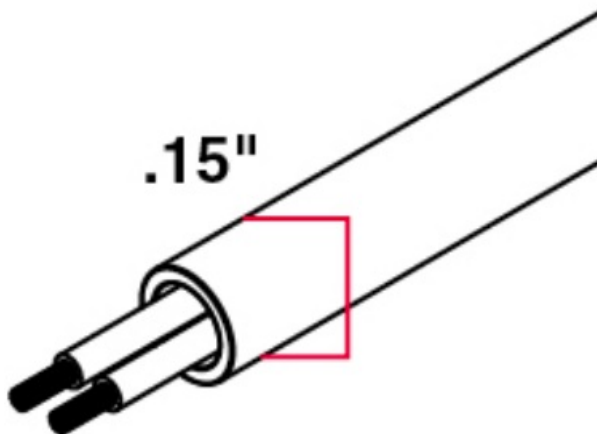


- Continuous Side Feed – Left

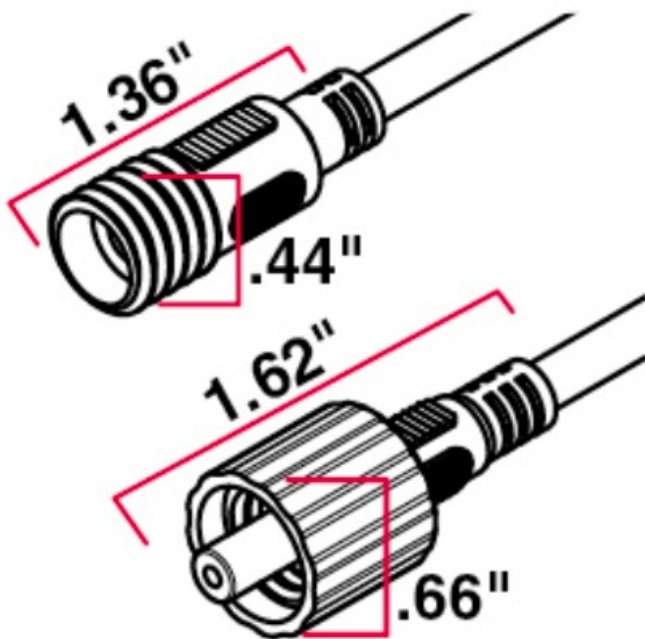


CONNECTOR/WIRE – IN/OUT

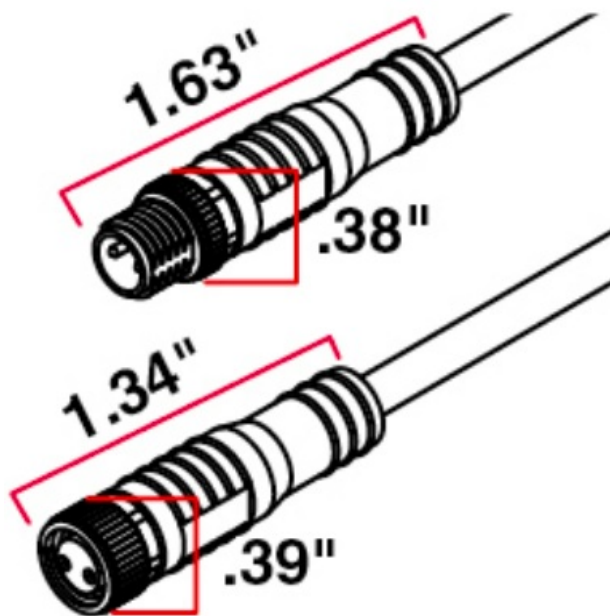
- Bare Wire 24" 22 AWG



- Barrel 6"-WET | 22 AWG

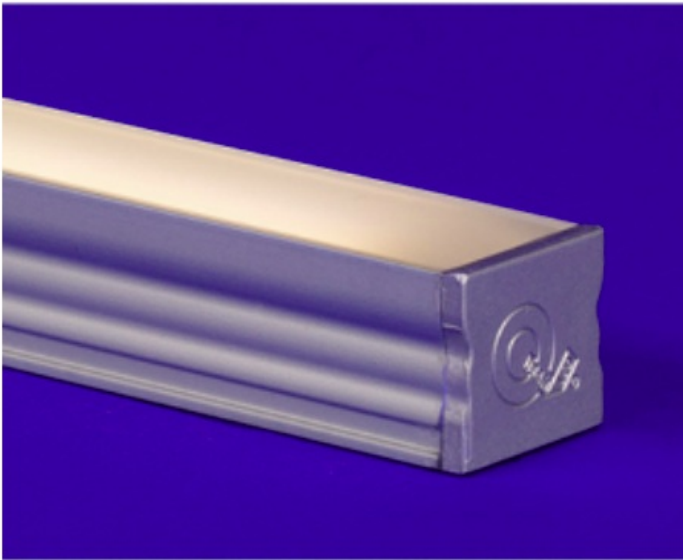


- Wire Connector | 22 AWG IP67 Rated, UL Listed

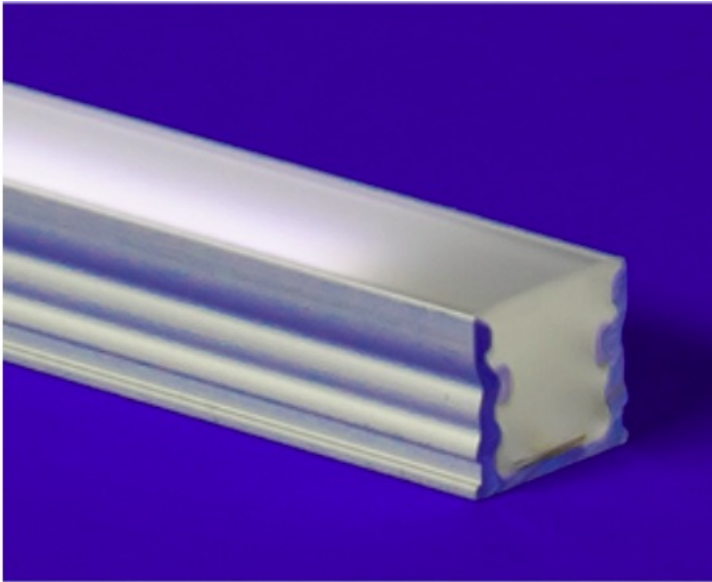


END CAP – IN/OUT

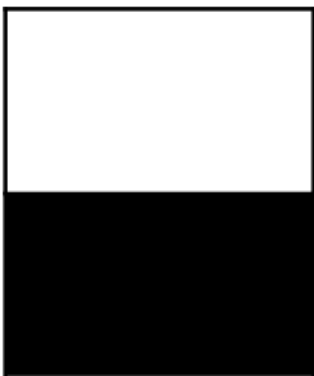
- End cap matches fixture finish chosen



- Clear end cap

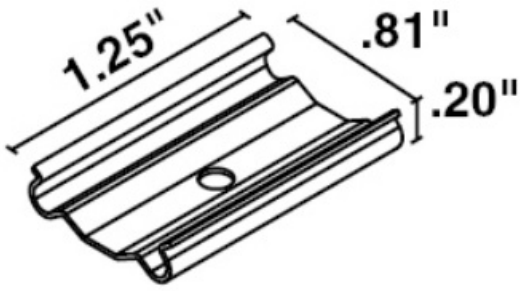


WIRE COLOR

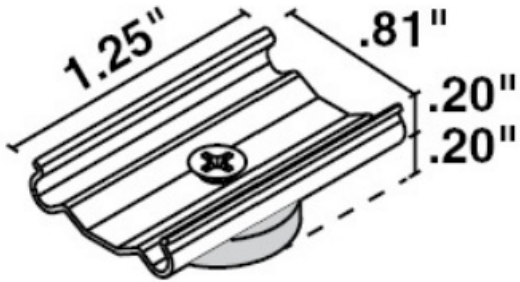


MOUNTING

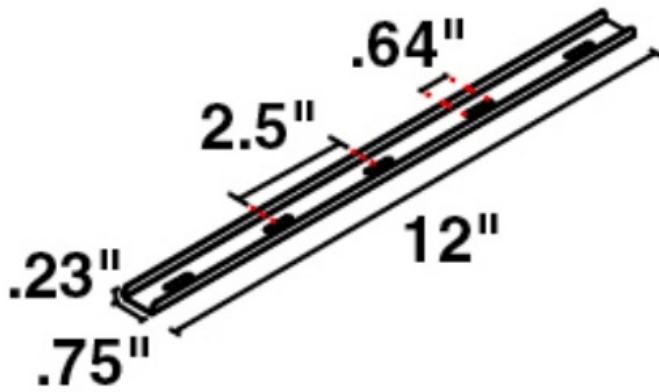
Stainless Steel Clip
2 clips provided for 4' or less; 4 clips provided for greater than 4'
To order separately use SST-01
Each clip comes with a #4 x 5/8" Flat Head screw



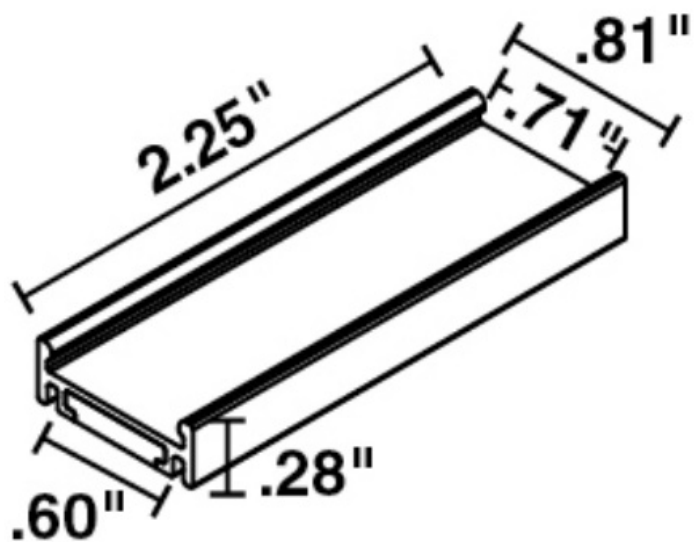
One MG provided per foot
To order separately use MG-01



Magnet Mount Accessory of MG-01
Sold separately, to order use
MMA-01
Each bracket comes with 2 #6 x 5/8" Flat Head SS
Required when mounting to a non-magnetic surface



One M4 provided per foot.
To order separately use MG-04



FINISH

Satin
Black
Bronze



EXACT/OPTIMAL FIXTURE LENGTH

EXAMPLES OF 12" OPTIMIZED STATIC WHITE FIXTURES WITH DIFFUSED LENS

- S1 & S2



- S3 & S4



- P1 & P2



- P3 & P4




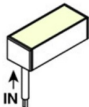

SC ENC LENGTHS BY INCH

Exact fixtures are the length specified. Optimal fixtures' length is rounded down with illumination end to end. All fixtures' tolerance is $\pm 0 - 1/8"$. 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	 End Feed	 Beam Feed	 End Feed	& P2 S3n uPV+ktkOiti. INIncaom Feed Side Feed-Len		& S4so IQINSi de Feed – ROI	P3P3s. 141°l.” Slide Feed • le ft	& P4P4 r?u..NI SW Feed • RIO
12'	10.5'		10.75'		10.375'		10.375'	
13'	12.5'		12.75'		12.375'		12.375'	
14'	12.5'		12.75'		12.375'		12.375'	
15'	14.5'		14.75'		14.375'		14.375'	
16'	14.5'		14.75'		14.375'		14.375'	
17'	16.5'		16.75'		16.375'		16.375'	
18'	16.5'		16.75'		16.375'		16.375'	
19'	18.5'		18.75'		18.375'		18.375'	
20'	18.5'		18.75'		18.375'		18.375'	
21'	20.5'		20.75'		20.375'		20.375'	
22'	20.5'		20.75'		20.375'		20.375'	
23'	22.5'		22.75'		22.375'		22.375'	
24'	22.5'		22.5'		22.275'		22.275'	
36'	34.5'		34.75'		34.375'		34.375'	
48'	46.5'		46.75'		46.375'		46.375'	
60'	58.5'		58.75'		58.375'		58.375'	
72'	70.5'		70.75'		70.375'		70.375'	
84'	82.5'		82.75'		82.375'		82.375'	
96'	94.5'		94.75'		94.375'		94.375'	

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
	S	SC
Dim to Black	Q6M-DC+CAP QTM-DC+CAP iQ-PH iQ-PH+QD1	QOM-DC+CAP QOM-PH
0.1%	QTM-eLED+0-10V QTM-eLED+AN QZ-DMX QZ-PH/0-10V QZ-STICK-PH/0-10	Q-SET-QZ-DMX Q-SET-QZ-PH/0-10V Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-DMX QZ-PH/0-10V
1%	QTM-elder(E) QTM-elder(L) QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AN	QOM-eLED+DALI-DT6
10%	Non-Dim Power Supply with SW App Dongle	

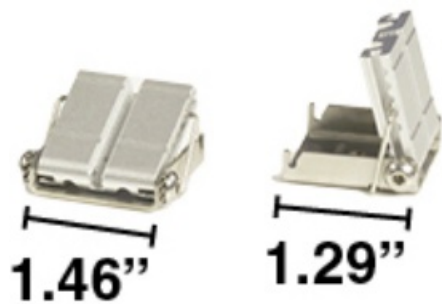
DIMMING PROTOCOL	INDOOR	OUTDOOR
	SC	SC
Non-Dim	QTM-elder-ND QZ-ND	Q-SET-QZ-ND Q-SET-elder-ND QOM-elder-ND QZ-ND iQ-ND-50-65
Phase	QTM-DC+CAP QTM-elder(E) QTM-elder(L) QZ-PH/0-10V QZ-STICK-PH/0-10V QZLP iQ-PH iQ-PH+QD1	Q-SET-QZ-PH/0-10V QOM-DC+CAP QOM-PH QZ-PH/0-10V iQ-PH
0-10V	QTM-eLED+0-10V QTM-eLED+AN QZ-PH/0-10V QZ-STICK-PH/0	Q-SET-eLED+0-10V QOM-eLED+0-10V QZ-PH/0-10V
Lutron Athena	QTM-eLED+AN QTM-eLED+DALI-DT6-AN	
ECO System	QTM-elder(E)	
DMX	QZ-DMX	Q-SET-QZ-DMX
DALI-2: DT6	QTM-eLED+DALI-DT6 QTM-eLED+DALI-DT6-AN	QOM-eLED+DALI-DT6
SCENE App Dimmed	Non-Dim Power Supply with SW App Dongle	

COMPATIBLE MOUNTING ACCESSORIES

- Adjustable mounting bracket – Medium



- Adjustable mounting bracket – Large



- Adjustable mounting bracket – Large



- Small mounting accessory



- Adjustable mounting accessory



COMPATIBLE WIRING ACCESSORIES

- UL Listed, miniature junction box



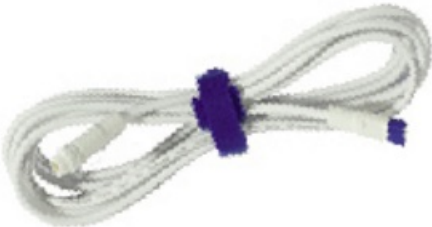
- 8ft barrel cable extender



- Splits lead from one to four LED Barrel connector fixtures




- 10ft Con cable extender



- Splits lead from one to four LED Con connectors



Documents / Resources

	<p>Q-TRAN TQ3SC Linear Fixtures Surface [pdf] Datasheet TQ3SC Linear Fixtures Surface, TQ3SC, Linear Fixtures Surface, Fixtures Surface, Surface</p>
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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](#)

[Manuals+](#), [Privacy Policy](#)

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