12V | FiberStep Continuous

CAT:		FEET:
TYPE:	PROJECT:	

A patented, ADA compliant, co-extruded bullnose step light with contrasting stripe or 100 % black.

Feature

- FiberStep Continuous is an illuminated, pliable bullnose designed for secure foot placement 3'- 12' lengths with a reflective edge for delineation and patrons' safety.
- A Fiber Optic top and LED bottom row is recommended for 90° indoor steps more than 4' in length.
- Pre-cut and assembled according to specification.
- Optional illuminated row indicator is available.
- Matching field-cuttable wireway with contrasting grey stripe is available in 8' lengths.
- Soft-molded end caps complete the integrated system.

Mounting

Easy glue and screw down installation with recommended construction adhesives.

Applications

Required for 90° indoor steps.

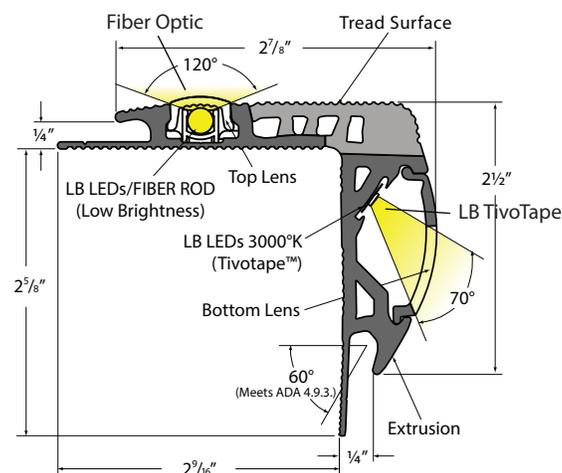Available in custom lengths up to 12 feet.

Warranty

5 years

Technical Information

Fiber LED Step Illuminator (Top Row)	
Watts/ft (per 2 LEDs)	0.384

Continuous LED Step Illuminator (Bottom Row)	
Lumens/ft	60
Watts/ft	0.37
CRI	>80/TYP83
Kelvin Temp	1900K , 2700K, 3000K, 4000K, (+/-80K) 3SDCM, Amber, Red, Blue
Rated Life	75,000 hrs.
*Max Ordering Length	12'
Order Increments	.5'
Operating Voltage	12V DC
Power Supply	Class 2
Dimmable	Yes

*Available in .5/ft. increments up to 12'. Specify when ordering.

Profile Dimensions

Fiber Optic — Tread Surface — $2^7/_8$" — 120° — $^1/_4$" — LB LEDs/FIBER ROD (Low Brightness) — Top Lens — LB LEDs 3000°K (Tivotape™) — LB TivoTape — $2^1/_2$" — Bottom Lens — 70° — $2^5/_8$" — 60° (Meets ADA 4.9.3.) — Extrusion — $^1/_4$" — $2^9/_{16}$"

Recommended Power Supplies

ADUL - NON DIMMING

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-80-1-5-12-D	Indoor / Damp	100-277V AC 5o/60 HZ	12V DC	1	60W	5A
	ADUL-150-2-5-12-D				2	2x60W	2x5A
	ADUL-240-3-5-12-D				3	3x60W	3x5A
	ADUL-320-4-5-12-D				4	4x60W	4x5A

ADUL - 0-10V DIMMING

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-80-1-5-12-DOT	Indoor / Damp	100-277V AC 5o/60 HZ	12V DC	1	60W	5A
	ADUL-150-2-5-12-DOT				2	2x60W	2x5A
	ADUL-240-3-5-12-DOT				3	3x60W	3x5A
	ADUL-320-4-5-12-DOT				4	4x60W	4x5A

ADUL - DMX SINGLE ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-80-1-5-12-DIN	Indoor / Damp	100-277V AC 5o/60 Hz	12V DC	1	60W	5A
	ADUL-150-2-5-12-DIN				2	2x60W	2x5A
	ADUL-240-3-5-12-DIN				3	3x60W	3x5A

ADUL - DMX MULTI ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-150-2-5-12-DIN-2	Indoor / Damp	100-277V AC 5o/60 Hz	12V DC	2	2x60W	2x5A
	ADUL-240-3-5-12-DIN-3				3	3x60W	3x5A
	ADUL-320-4-5-12-DIN-4				4	4x60W	4x5A

INFINITY - MLV / ELV / 0-10V / PWM / TRIAC

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	MIN LOAD	CIRCUIT CAPACITY
Infinity Series Class 2 Transformer	INF-J-30-1-2.5-12	Indoor / Outdoor	100 - 277V AC	12VDC	1	30W	3W	2.5A
	INF-J-60-1-5-12				1	60W	6W	5A
	INF-J-180-3-5-12				3	3x60W	3x6W	3x5A
	INF-J-300-5-5-12				5	5x60W	5x6W	5x5A

Recommended Dimmers

DIMMING - 0-10V

DESCRIPTION	CAT NO	APPLICATION	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX LOAD
0-10V Dimmer	DIM-LD-010	Indoor	12V/24V DC	12V/24V DC	30 mA max. output (sink only)

DIMMING - MLV

DESCRIPTION	CAT NO	APPLICATION	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX LOAD
MLV Dimmer	N-600	Indoor	120V AC	120V AC	450W
	N-1000				800W
	N-1500				1200W
	D-600				450W
	M-600				450W
	M-1000				800W

DIMMING - ELV

DESCRIPTION	CAT NO	APPLICATION	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX LOAD
ELV Dimmer	ME-600	Indoor	120V AC	120V AC	450W
	DE-300				300W

DIMMING - DMX

DESCRIPTION	CAT NO	APPLICATION	INPUT VOLTAGE	OUTPUT PROTOCOL	MAX UNIVERSE
DMX Controller	TVOQ-1-WH	Indoor	5V DC	DMX 512	1
	TVOQ-2-BK		6V DC		
	TVOQ-2-WH				
	TVOQ-10-BK-7		6-7V DC		
	TVOQ-10-WH-7				2

Touchscreen

TVOQ-1-WH
WH (White only)

Touchscreen

TVOQ-10-XX-7
XX = BK (Black), WH (White)

Touchscreen

TVOQ-2-XX
XX = BK (Black), WH (White)

Tivoli, LLC. reserves the right to modify this specification without prior notice.

Ordering Information

*PRODUCT CODE	LED FIBER COLOR TOP ROW	LED COLOR BOTTOM ROW	END CAP LEFT	END CAP RIGHT	POWER FEED	BASE COLOR	**FIXTURE LENGTH
SFC	-	-	-	-	-	-	

SFC = Fiber Step Continuous	NL = No LED 19 = 1900K 27 = 2700K 30 = 3000K 40 = 4000K AM= Amber RD = Red BL = Blue	NL = No LED 19 = 1900K 27 = 2700K 30 = 3000K 40 = 4000K AM= Amber RD = Red BL = Blue	S = Carpet to Edge C = Carpet to Carpet N = No End Cap	S = Carpet to Edge C = Carpet to Carpet N = No End Cap	L = Left R = Right	B = Black T = Two Tone	3.0 = 3' 3.5 = 3.5' 4.0 = 4' 4.5 = 4.5" 5.0 = 5' 5.5 = 5.5' 6.0 = 6"

*Prior Product Code: **FSTPLB** (use to reference older product code for possible replacement parts)
**Available in .5ft. increments up to 12'

Optional Row Indicator Information

*For ordering details see sample organizing chart below.

Figure (A) Example figure shows Row Indicators on middle staircase, steps 10, 13, and 16.
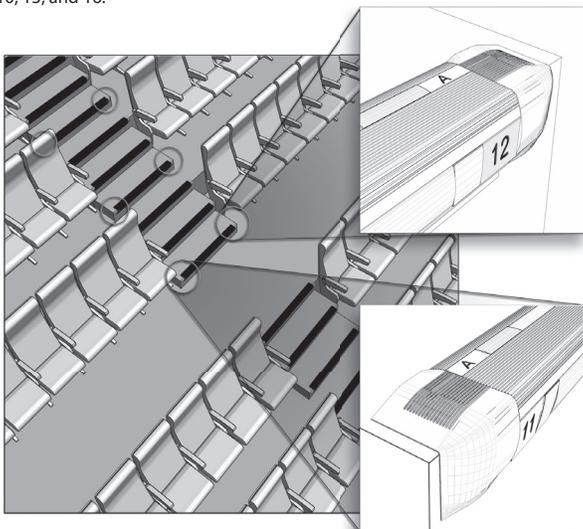
Character Designation

When selecting Row Indicators for your FiberStep Continuous installation, here are some examples and guides to make your ordering process easier.

Within the figure (A) illustration we have offered an example spreadsheet to help organize your needs when designing row indicators into your venue. Your spreadsheet should reflect the call out and placement of each step by row and it's number that requires an indicator as shown in figure (A).

When looking at a seating layout from the stage or screen perspective, usually the first chair on the left side of the first row would be A1. In our illustration we have an orchestra pit section, so our Row A and seat 1 to 11 start on the isle. Seats A11 and A12 are separated by the middle staircase and reflect that design in the Row Indicators as shown.

With every venue, each auditorium has it own unique design parameters. To assist you, the FiberStep Continuous row indicators offer THREE CHARACTER placements of any letter or number combination you desire. Defining those character call outs is as easy as listing them in a spreadsheet as shown in figure (B).

To help organize and clarify your need for row indicators, it is important to create a spread sheet that reflects the placement of row indicators in your working drawings or blueprints. Our figure (A) example shows the placement of row indicators on steps 10, 13 and 16 in the middle staircase.

Figure (B)

SAMPLE ORGANIZING CHART							
PROJECT:			CUSTOMER:			INSTALLER:	
AUDITORIUM	STAIRCASE	STEP NUMBER	COLOR	UPPER LEFT	LOWER LEFT	UPPER RIGHT	LOWER RIGHT
3	MIDDLE	10	A	A	11	A	12
3	MIDDLE	13	A	B	11	B	12
3	MIDDLE	16	A	C	11	C	12

Row Indicator Ordering Information

*PRODUCT CODE	OPTION	PLACEMENT	ROW INDICATOR POSITION
SFC	- RI	-	-

SFC = Fiber Step Continuouss	RI = Row Indicator	BTH = Both LWR = Lower UPR = Upper	B = Both L = Left R = Right

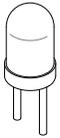*Prior Product Code: **FSTPLB** (use to reference older product code for possible replacement parts)

Upper

19/32" **AAA** 5/16"

4"

Lower

1 1/2" **AAA** 13/16"

4"

Replacement Parts

Step

Connector

VHB Backing Tape

LB Tivotape™

TOP ROW FIBER LED REPLACEMENT
MRI-19-LED
1900K
MRI-27-LED
2700K
MRI-30-LED
3000K
MRI-40-LED
4000K
MRI-AM-LED
AMBER
**MRI-BL-LED**
BLUE
MRI-RD-LED
RED

LB TIVOTAPE BOTTOM ROW REPLACEMENT ILLUMINATOR
with Connect Clip
**NOTE: Specify length at time of ordering.**
SFC-TIVT-19
1900K
SFC-TIVT-27
2700K
SFC-TIVT-30
3000K
SFC-TIVT-40
4000K
SFC-TIVT-AM
Amber
SFC-TIVT-BL
Blue
SFC-TIVT-RD
Red

Top Lens

Bottom Lens

Base Extrusion

2.33"

1.58"
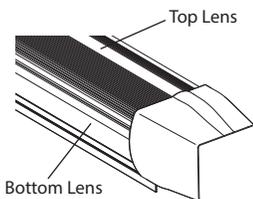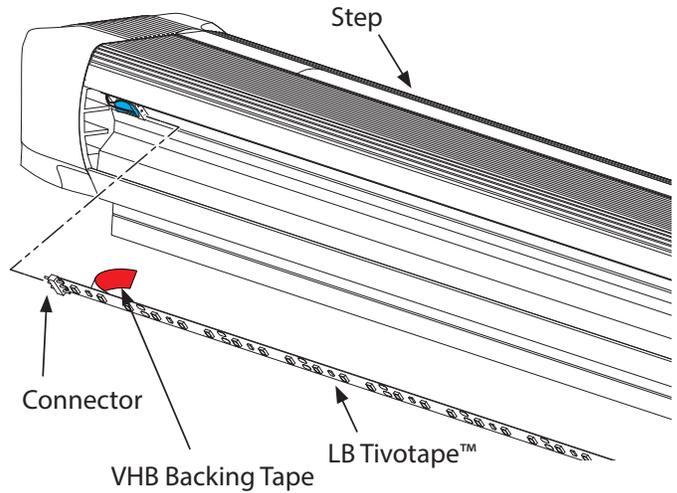
ST-LENS-C-12
Clear top lens, 12'
ST-LENS-B-12
Bronze top lens, 12'
ST-LL-12
Lower lens, 12'
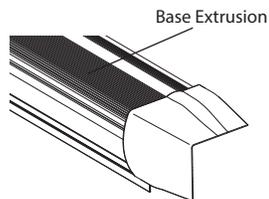
ST-BS-12
Base Extrusion 12', Tow Tone, Grey Tread
with Black Base
ST-BS-BK-12
Base Extrusion 12', All Black
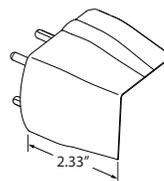
ST-EC-L
Left End Cap
ST-EC-R
Right End Cap
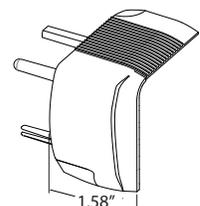
CARPET TO CARPET END CAP
ST-CC-EC-L
Left End Cap, Carpet-To-Carpet
ST-CC-EC-R
Right End Cap, Carpet-To-Carpet

Mounting Accessories

LENS COVER   BASE

7/16"   9/32"   2¼"
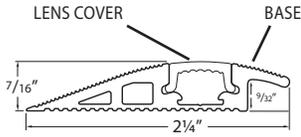
CE WIRE WAY COMBO - BASE & LENS
WW-CE-BK-8
Carpet to Edge Base and Cover 8' - Black
WW-CE-GY-8
Carpet to Edge Base and Cover 8' - Gray

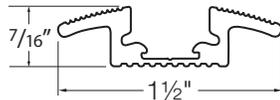7/16"   2¼"
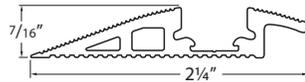
CE **WIRE WAY BASE ONLY**
WW-CE-BS-8
Base Only, Carpet To Edge, Black, 8'

CE **WIRE WAY LENS ONLY**
WW-TC-CL-8
Lens Cover Only, Clear, 8'
WW-TC-BK-8
Lens Cover Only, Black, 8'
**WW-TC-BZ-8**
Lens Cover Only, Bronze, 8'
WW-TC-GY-8
Lens Cover Only, Gray, 8'

LENS COVER   BASE

7/16"   9/32"   1½"
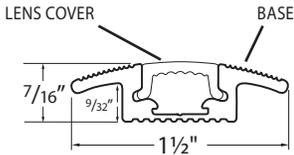
CC & CW WIRE WAY COMBO - BASE & LENS
WW-CC-BK-8
Carpet to Carpet Base and Cover 8' - Black
WW-CC-GY-8
Carpet to Carpet Base and Cover 8' - Gray
WW-CW-BK-8
Carpet to Wall Base and Cover 8' - Black
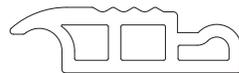**WW-CW-GY-8**
Carpet to Wall Base and Cover 8' - Gray

7/16"   1½"

CC & CW WIRE WAY BASE ONLY
WW-CW-BS-8
Base Only, Carpet to Wall, Black, 8'
WW-CC-BS-8
Base Only, Carpet to Carpet, Black, 8'

CC & CW WIRE WAY LENS ONLY
WW-TC-CL-8
Lens Cover Only, Clear, 8'
WW-TC-BK-8
Lens Cover Only, Black, 8'
WW-TC-BZ-8
Lens Cover Only, Bronze, 8'
WW-TC-GY-8
Lens Cover Only, Gray, 8'

5/16'   1¼"
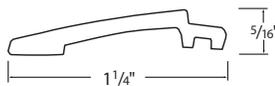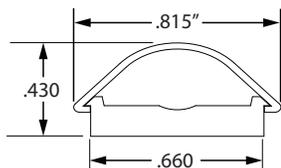
ST-R-12
Step Reducer, 12'

STP-EXTNDR-12
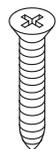Bullnose Step Landing Tread Extender, 12'

ADH-MB-75AM-10
Extrusion adhesive, 10.1 oz tubes, sold
individually. 30 per case.
ADH-MB-75AM-29
Extrusion adhesive, 29 oz tubes, sold
individually. 12 per case.

ADH-IA-10.2-CA
End Cap Adhesive, Clear liquid adhesive
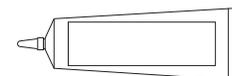for end caps. 10.2 oz tubes sold
individually. 12 per case.

.815"   .430   .660

BS-CC-8
Wall wireway, 8' Black Base & Conduit Cover

TM-3/16
Concrete Screw ³/₁₆" x 1³/₄"

RONDB-5/32
Concrete Drill Bit ⁵/₃₂"

END CAP ADHESIVE
ADH-5-CA
Clear liquid adhesive for end caps.
5 oz tube.

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