

CAT:	FEET:
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TYPE:	PROJECT:
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Reliable LED lighting system using individually replaceable LED modules for easily maintained step illumination.

**Features**

- Architectural Step Lighting features an aluminum base, a continuous diffuser lens in flame-retardant polycarbonate and flush-fitting end caps for a completely integrated auditorium system.
- Incorporates our Titanium module strand with field-replaceable PCBs
- Pre-cut and assembled according to specification.
- Optional illuminated row indicator is available.

**Mounting**

Easy glue and screw down installation with recommended construction adhesives.

**Applications**

Required for lighting 90° steps in indoor applications.

**Warranty**

5 years

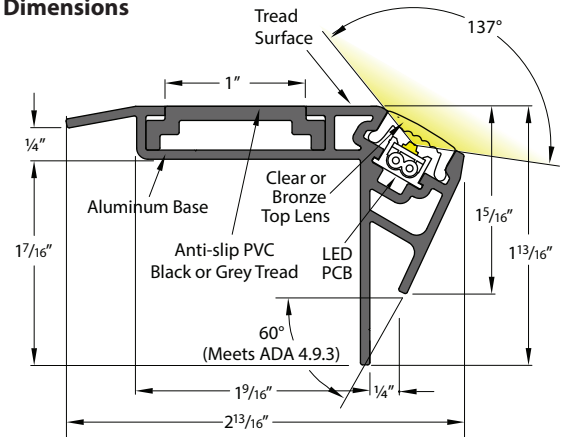
Technical Information



LED Spacing O.C.	4"	6"
*Watts/ft.	0.005	0.004
CRI	>80/TYP83	
Kelvin Temp	1900K, 2700K, 3000K, 3500K, 4000K (+/- 80K) 35DCM, Amber, Blue, Red	
Rated Life	75,000 hrs.	
Order Increments	3', 4', 5', 6', 7', 8'	
Operating Voltage	12V DC	
Power Supply	Class 2	
Dimmable	Yes	

\*Based on 3000K

**Profile Dimensions**



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 50/60 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 50/60 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 50/60 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 50/60 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	12V DC	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**

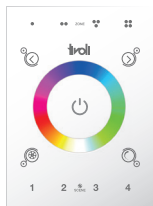
DESCRIPTION	CAT NO	APPLICATION	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX LOAD
MLV Dimmer	N-600	Indoor	120V AC	120V AC	450W
	N-1000				800W
	N-1500				1200W
	D-600				450W
	M-600				450W
	M-1000				800W

**DIMMING - ELV**

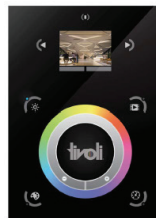
DESCRIPTION	CAT NO	APPLICATION	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX LOAD
ELV Dimmer	ME-600	Indoor	120V AC	120V AC	450W
	DE-300				300W

**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				
	TVOQ-10-WH-7		6-7V DC		2



**TVOQ-1-WH**  
WH (White only)



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



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

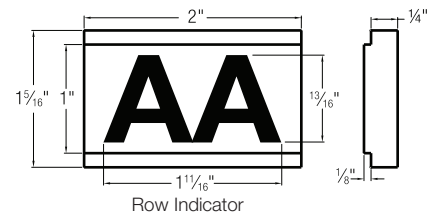
## Ordering Information

PRODUCT CODE	LED SPACING	*LED COLOR	END CAP	POWER FEED	TOP COVER	FIXTURE LENGTH
AST AST = Architectural Step Titanium	04 = 4" O.C. 06 = 6" O.C.	19 = 1900K 27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K AM = Amber RD = Red BL = Blue	B = Both L = Left R = Right	L = Left R = Right	B = Black G = Grey	3.0 = 3' 4.0 = 4' 5.0 = 5' 6.0 = 6' 7.0 = 7' 8.0 = 8'

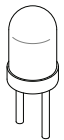
\* Standard Clear Lens provided. Bronze lens available upon request.

## Optional Row Indicator Ordering Information

PRODUCT CODE	OPTION	LED COLOR	ROW INDICATOR POSITION
AST AST = Architectural Step Titanium	RI RI = Row Indicator	19 = 1900K 27 = 2700K 30 = 3000K 35 = 3500K 40 = 4000K AM = Amber RD = Red BL = Blue	B = Both L = Left R = Right

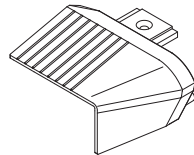


## Replacement Parts



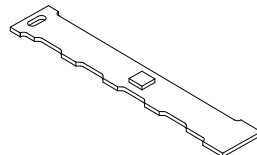
### REPLACEMENT LED ROW INDICATOR

<b>RI-LED-19</b> 1900K	<b>RI-LED-40</b> 4000K
<b>RI-LED-27</b> 2700K	<b>RI-LED-AM</b> Amber
<b>RI-LED-30</b> 3000K	<b>RI-LED-BL</b> Blue
<b>RI-LED-35</b> 3500K	<b>RI-LED-RD</b> Red



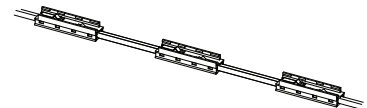
### END CAPS

<b>AST-EC-2R</b> Right End Cap
<b>AST-EC-2L</b> Left End Cap (shown)



### REPLACEMENT LED PCB

<b>TT-LED-19</b> 1900K	<b>TT-LED-40</b> 4000K
<b>TT-LED-27</b> 2700K	<b>TT-LED-AM</b> Amber
<b>TT-LED-30</b> 3000K	<b>TT-LED-BL</b> Blue
<b>TT-LED-35</b> 3500K	<b>TT-LED-RD</b> Red



### REPLACEMENT STRAND - NO LED (100' MAX ROLL)

<b>TT-STP-04-STRAND</b> Replacement strand 4" O.C.
<b>TT-STP-06-STRAND</b> Replacement Strand 6" O.C.

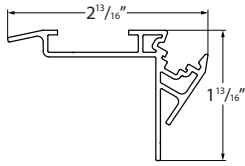
## Extra Lead Wire



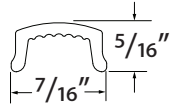
### EXTRA LEAD WIRE

<b>AST-XEP-18/2</b> Additional Lead Wire, 22ga, 2 Conductor
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Accessories

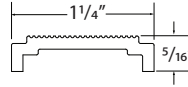


**AST-BASE-8**  
Aluminum Base (ONLY)

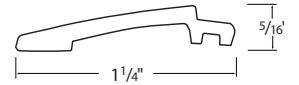


**AST-LENS-B-8**  
Bronze top lens - 8'  
**AST-LENS-C-8**  
Clear top lens - 8'

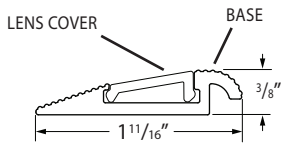
**Note:** Bronze lens greatly diminishes light output and is only recommended for areas where the most minimal of light is desired. Clear should be the standard specification.



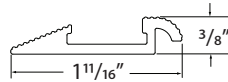
**AST-TRD-BK-12**  
Black tread - 12'  
**AST-TRD-GY-12**  
Grey tread - 12'



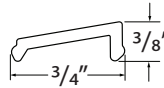
**ST-R-12**  
Step Reducer, 12'



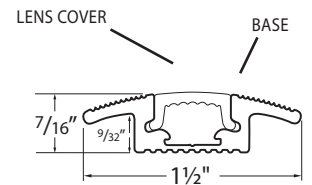
**CARPET-TO-EDGE BASE & COVER COMBO**  
**AST-WW-CE-TT-8**  
Wireway 8' length - Two-Ton (Black Base & Gray Top Cover)  
**AST-WW-CE-BK-8**  
Wireway 8' length - Black



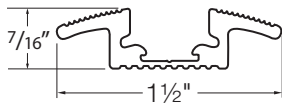
**WIREWAY BASE**  
**AST-WW-BS-BK-8**  
Wireway Base 8'



**WIRE WAY TOP COVER**  
**AST-WW-TC-BK-8**  
Wireway Cover 8' - Black  
**AST-WW-TC-GY-8**  
Wireway Cover 8' - Grey



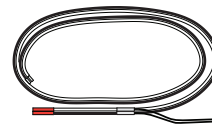
**CC & CW WIRE WAY COMBO - BASE & LENS**  
**WW-CC-BK-8**  
Carpet to Carpet Base and Cover 8' - Black  
**WW-CC-GY-8**  
Carpet to Carpet Base and Cover 8' - Gray  
**WW-CW-BK-8**  
Carpet to Wall Base and Cover 8' - Black  
**WW-CW-GY-8**  
Carpet to Wall Base and Cover 8' - Gray



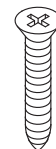
**CC & CW WIRE WAY BASE ONLY**  
**WW-CW-BS-8**  
Base Only, Carpet to Wall, Black, 8'  
**WW-CC-BS-8**  
Base Only, Carpet to Carpet, Black, 8'



**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'



**AST-PH**  
Power harness with socket



**TM-3/16**  
Concrete Screw 3/16" x 1 3/4"



**RON-DB-5/32**  
Concrete Drill Bit 5/32"



**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.