

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

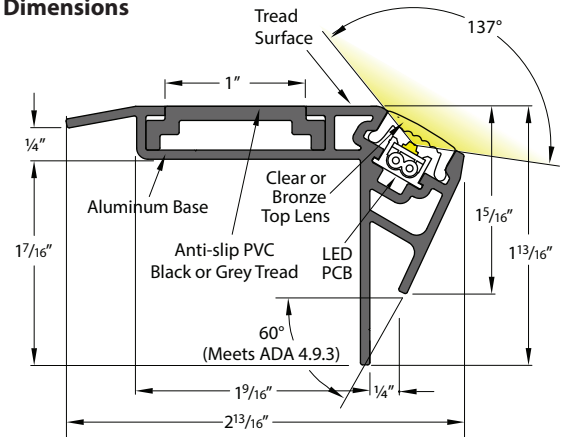
Technical Information



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 5ø60 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 5ø60 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 5ø60 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 5ø60 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	24V DC	24V DC	30 mA max. output (sink only)

DIMMING - MLV

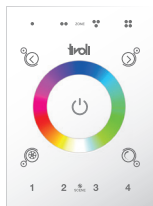
DESCRIPTION	CAT NO	APPLICATION	INPUT VOLTAGE	OUTPUT VOLTAGE	MAX LOAD
MLV Dimmer	N-600	Indoor	120V AC	120V AC	450W
	N-1000				800W
	N-1500				1200W
	D-600				450W
	M-600				450W
	M-1000				800W

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

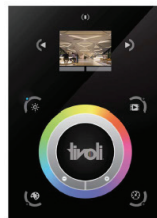
DIMMING - DMX

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



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)

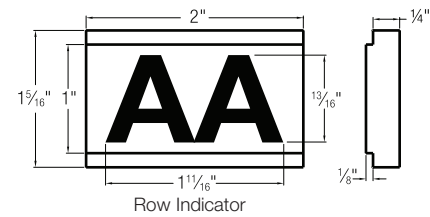
Ordering Information

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'

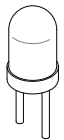
* Standard Clear Lens provided. Bronze lens available upon request.

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

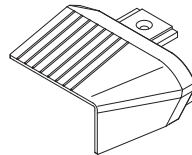


Replacement Parts



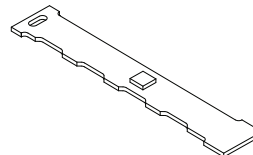
REPLACEMENT LED ROW INDICATOR

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



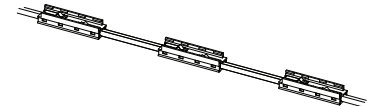
END CAPS

AST-EC-2R Right End Cap
AST-EC-2L Left End Cap (shown)



REPLACEMENT LED PCB

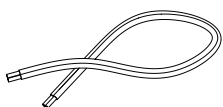
TT-LED-19 1900K	TT-LED-40 4000K
TT-LED-27 2700K	TT-LED-AM Amber
TT-LED-30 3000K	TT-LED-BL Blue
TT-LED-35 3500K	TT-LED-RD Red



REPLACEMENT STRAND - NO LED (100' MAX ROLL)

TT-STP-04-STRAND Replacement strand 4" O.C.
TT-STP-06-STRAND Replacement Strand 6" O.C.

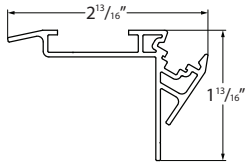
Extra Lead Wire



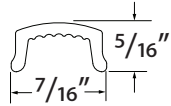
EXTRA LEAD WIRE

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

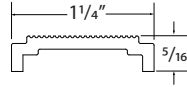


AST-BASE-8
Aluminum Base (ONLY)

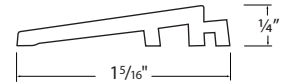


AST-LENS-B-8
Bronze top lens - 8'
AST-LENS-C-8
Clear top lens - 8'

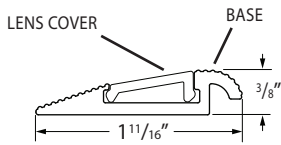
Note: Bronze lens greatly diminishes light output and is only recommended for areas where the most minimal of light is desired. Clear should be the standard specification.



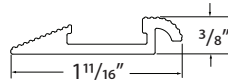
AST-TRD-BK-12
Black tread - 12'
AST-TRD-GY-12
Grey tread - 12'



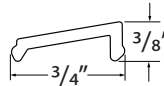
BNS-TT-R-12
Step Reducer, 12' Section



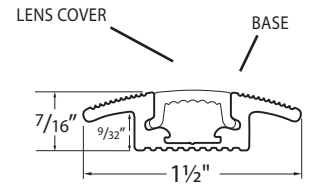
CARPET-TO-EDGE BASE & COVER COMBO
AST-WW-CE-TT-8
Wireway 8' length - Two-Ton
(Black Base & Gray Top Cover)
AST-WW-CE-BK-8
Wireway 8' length - Black



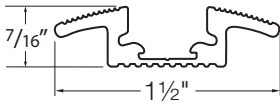
WIREWAY BASE
AST-WW-BS-BK-8
Wireway Base 8'



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



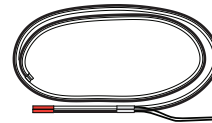
CC & CW WIRE WAY COMBO - BASE & LENS
WW-CC-BK-8
Carpet to Carpet Base and Cover 8' - Black
WW-CC-GY-8
Carpet to Carpet Base and Cover 8' - Gray
WW-CW-BK-8
Carpet to Wall Base and Cover 8' - Black
WW-CW-GY-8
Carpet to Wall Base and Cover 8' - Gray



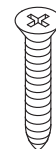
CC & CW WIRE WAY BASE ONLY
WW-CW-BS-8
Base Only, Carpet to Wall, Black, 8'
WW-CC-BS-8
Base Only, Carpet to Carpet, Black, 8'



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"



RONDB-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.