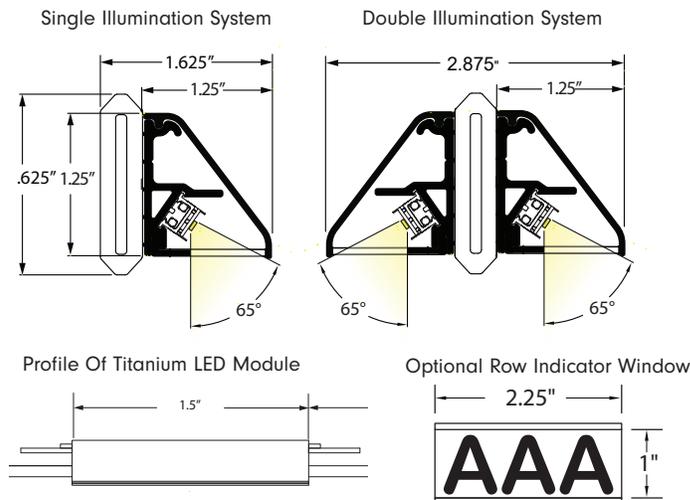Project: _____   Type: _____

- Discreet, rail-mounted, hidden source LED lighting system featuring an optically clear directional lens. Evenly illuminated edge lit light source.

- Compact (1.25" x 1.25") and tamper-resistant fixture offers hidden linear light source and full spectrum LEDs.

- Polycarbonate co-extruded directional lens with matte finish, features 65° lighting cut-off for hidden, discreet illumination.

- An optional row indicator window is available.

- Efficient, modular design incorporates replaceable single SMP Titanium LED module that easily snap into Titanium series modules for easy and economical maintenance.

Dimensions

ADA COMPLIANT   NFPA   DIMMABLE   ETL LISTED C US

Single Illumination System

1.625"
1.25"
.625" 1.25"
65°

Double Illumination System

2.875"
1.25"
65°   65°

Profile Of Titanium LED Module

1.5"

Optional Row Indicator Window

2.25"

AAA   1"

Order Guide

PRODUCT CODE	PCB SPACING	LED COLOR	FINISH	LENGTH	SINGLE OR DOUBLE ILLUMINATION	OPTIONAL ROW INDICATION	LED INDICATOR COLOR
FRT	**06**		**M**				
FRT = Fantasma Rail Titanium	06 = 6"	**19** = 1900K **27** = 2700K **30** = 3000K **35** = 3500K **40** = 4000K **AM** = Amber **RD** = Red **BL** = Blue	**M** = Matte	**02** = 11.5" - 24" **03** = 24.5" - 36" **04** = 36.5" - 48" **05** = 48.5" - 60" **06** = 60.5" - 72"	**S** = Single **D** = Double	**RI** = Row Indication* Row indicator option requires written details with order *Leave blank if not required.	**19** = 1900K **27** = 2700K **30** = 3000K **35** = 3500K **40** = 4000K **AM** = Amber **RD** = Red **BL** = Blue

How To Measure

Rail lights are manufactured to fit provided dimensions with extension clamps completely extended. Measure from center of pole to center of pole along the plane of inclination.
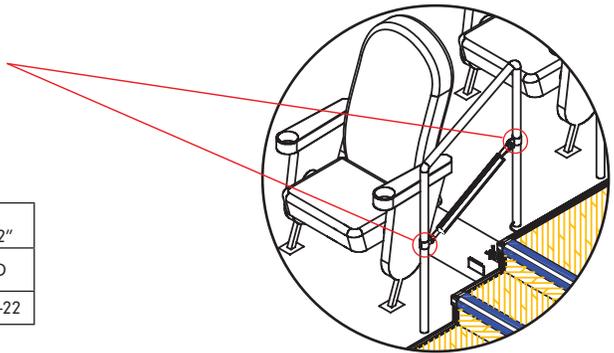

Rail Length Ranges

Rail Length	02 = 11.5" to 24"		03 = 24.5" to 36"		04 = 36.5 to 48"		05 = 48.5" to 60"		06 = 60.5" to 72"	
Single or Double	S	D	S	D	S	D	S	D	S	D
PCBs per Fixture	2-3	4-6	3-5	6-10	5-6	10-12	6-9	12-18	9-11	18-22

Specification

Output (based on 3000K)	
Lumens/ft	39
Watts/ft	1.1
Lumen/watt	35
Kelvin Temp	1900K (+/- 100K), 2700K (+/- 100K), 3000K (+/- 100K), 3500K (+/- 100K), 4000K (+/- 150K), Red, Blue, Amber
CRI	>80/TYP83
Electrical	
Operating Voltage	12V DC
Power Supply	Class 2
Dimming	0-10V, MLV, ELV, DMX
Physical	
Material	PVC
Certification and Testing	
Certification	cETLus, ADA, NFPA
Rated Life	75,000 hrs.
Environment	Dry & Damp Location
Warranty	5 years

Tivoli, LLC. reserves the right to modify this specification without prior notice.
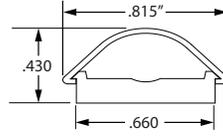
Mounting Accessories & Replacement Parts
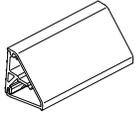
FWTT-LENS-M-8
Fantasma lens - 8'
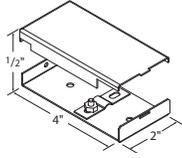
JBOX-LP
Junction box, low profile
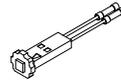

BS-CC-8
Wall wireway, 8' Black Base &
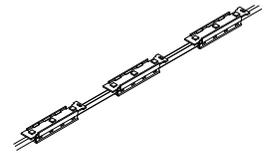Conduit Cover

BSL-PC-1/4
¼" Flex Conduit, Black

FWTT-EC-X
X = **L**(Left), **R**(Right)
Fantasma End Cap
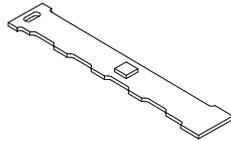
FTT-LED-XX
XX = **19, 27, 30, 35, 40, AM, BL, RD**
Replacement LED

FTT-RI-XX
XX = **19, 27, 30, 35, 40, AM, BL, RD**
Replacement LED Indicator

FTT-06-STRAND-XX
XX = **19, 27, 30, 35, 40, AM, BL, RD**
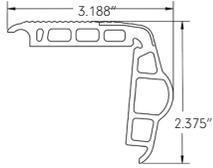Replacement Strand, 6"O.C.
Spacing

In-Wall Controls

TVOQ-1-WH
White

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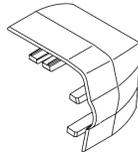**XX** = **BK** (Black), **WH** (White)
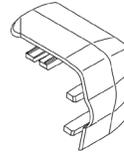

TVOQ-2-BK
Black

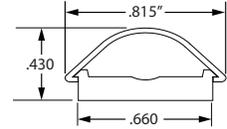## TwoTone Bullnose & Accessories

BNS-XXX-GY-12
XXX = **TT** (black/gray), **TT2** (black/2"gray), **SC** (solid gray)
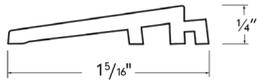TwoTone Bullnose, 12' length

BNS-TT-EC-X
X = **L** (left side), **R** (right side)
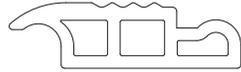Bullnose Overlap End Caps, black

BNS-CC-TT-EC-X
X = **L** (left side), **R** (right side)
Bullnose Carpet to Carpet End Caps, black

BS-CC-8
Wall Wireway, 8' black base & conduit cover
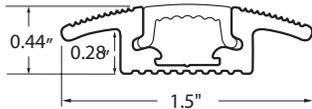

BNS-TT-R-12
Step Reducer, 12' section
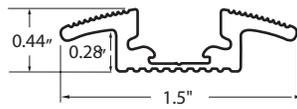

STP-EXTNDR-12
Bullnose Step Landing Tread Extender, 12'

ADH-MB-75AM-XX
XX = **10** (10.1 oz tubes, **30** per case.), **29** (29 oz tubes **12** per case)

ADH-IA-10.2-CA
End cap clear liquid adhesive, 10.2 oz tubes sold individually, 12 per case

WW-XX-XX-8
XX = **CC** (Carpet to Carpet base), **CW** (Carpet to Wall base)
XX = **BK** (black lense), **GY** (gray lense)
Base and Cover Combo, 8' length

WW-XX-BS-8
XX = **CC** (Carpet to Carpet), **CW** (Carpet to Wall)
Base Only, black, 8' length
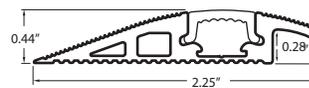
WW-CE-XX-8
XX = **BK** (black), **GY** (gray)
Carpet to Edge Base and Cover Combo, 8' length
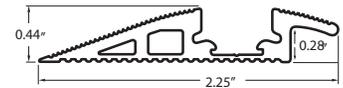
WW-CE-BS-8
Base Only, Carpet To Edge, black, 8' length

WW-TC-XX-8
XX = **BK** (Black), **GY** (Gray), **CL** (Clear), **BZ** (Bronze)
Top Cover Wire Way lens, 8' length

RONDB-5/32
Concrete Drill Bit 5/32"

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

Power Supplies

ADUL - NON DIMMING

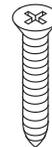| DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-80-1-5-12-D	Indoor / Damp	100-277V AC 50/60 HZ	12V DC	1	60W	5A
	ADUL-150-2-5-12-D				2	2x60W	2x5A
	ADUL-240-3-5-12-D				3	3x60W	3x5A
	ADUL-320-4-5-12-D				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

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

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