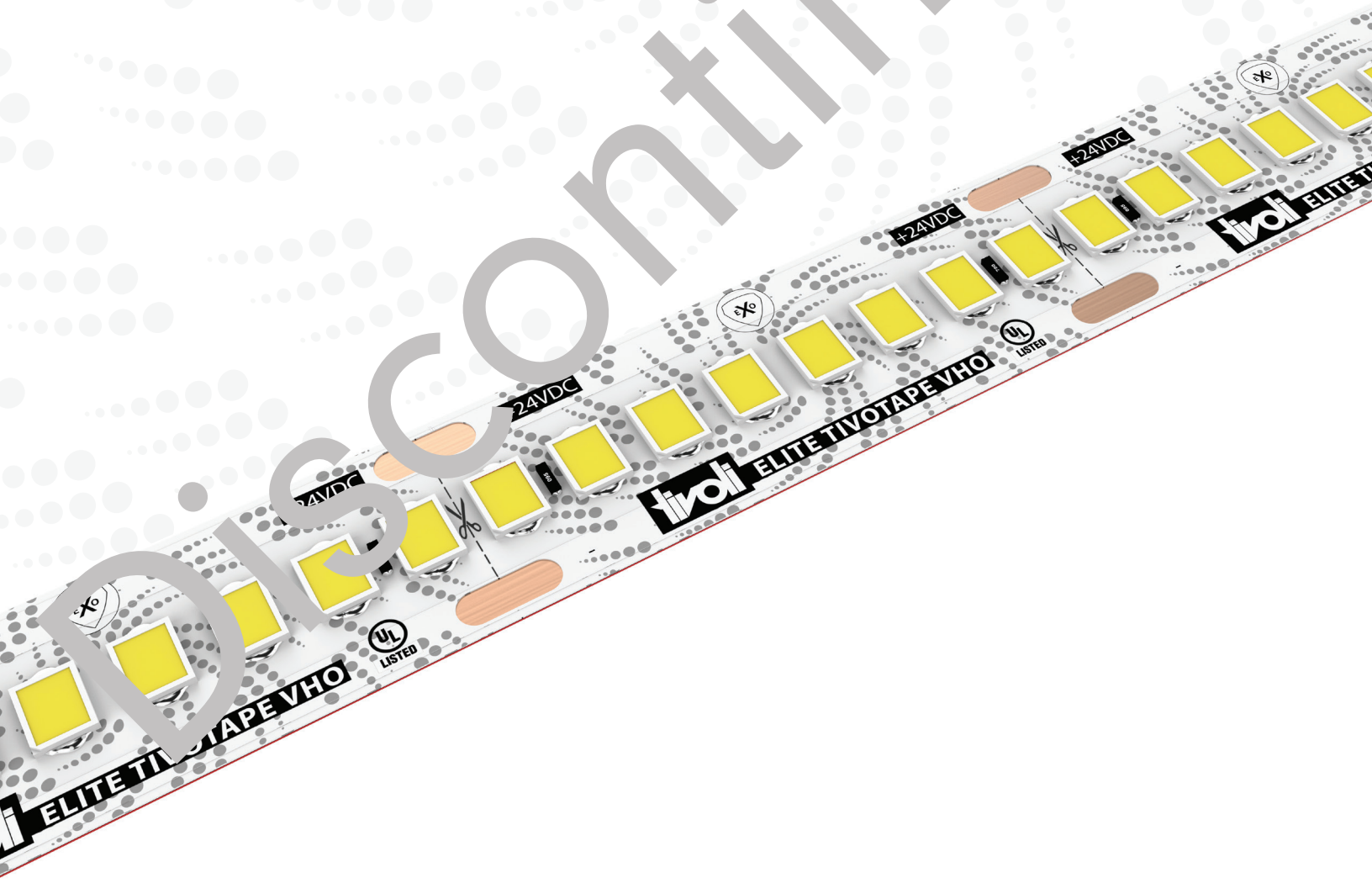
ELITE

ZERO DROP TECHNOLOGY

Discontinued

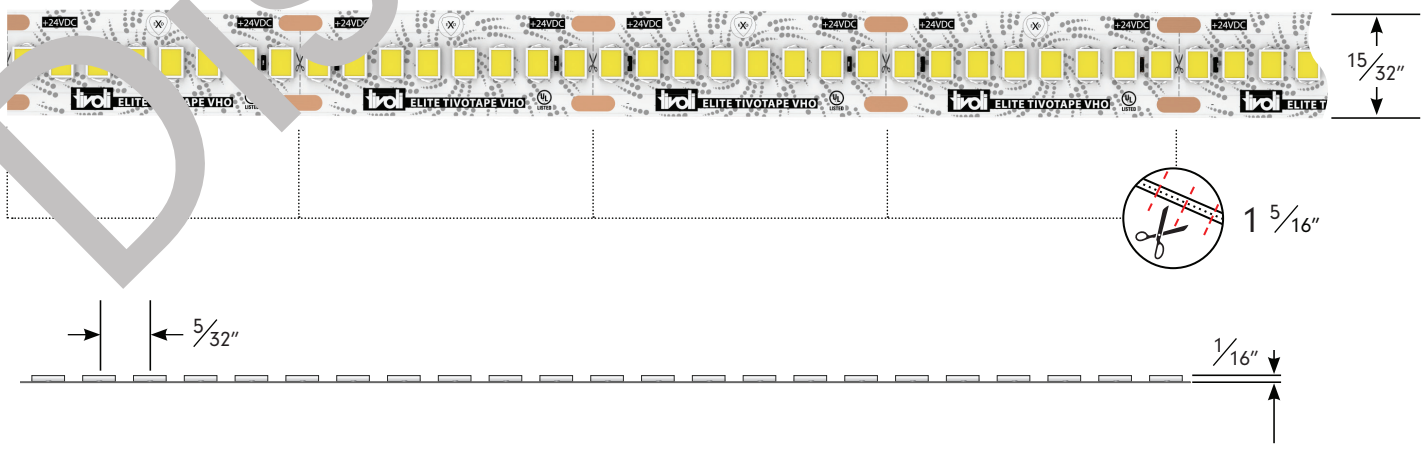


VHO ELITE TivoTape™

Project: _____ TYPE: _____

- Low bin tolerance with a 1.5 Step McAdam Elipse standard
- Factory produced with Tivoli's eXo Shield coating
- High CRI value
- Factory soldered lead wire
- IP67 Wet location available
- Multiple mounting channel options
- Large range of available Kelvin temperatures
- Low lead times
- 4oz. Copper Trace
- 5 Year warranty

Dimensions



Discontinued

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

Order Guide

PRODUCT CODE		INTENSITY		INSTALL		LED COLOR		LENGTH		TAGE
TPLE	-	VHO	-	I	-		-		-	
TPLE = TivoTape ELITE		**VHO** = Very High Output		**I** = Indoor		**22** = 2200K **24** = 2400K **27** = 2700K		**R** = * Full Roll (164') **MR** = Maximum Run (13')		**24** = 24

*Leave blank if specifying run lengths. A layout/drawing must accompany each order showing run length and location
Note: A layout/drawing must accompany each order showing run length and location
Note: Runs with LEAD-C are rounded **up** to next cut interval (unless otherwise specified)
Note: Runs with LEAD-D are rounded **down** to next cur interval (unless otherwise specified)
Note: For the full range of CCT options, please refer to the Elite Plus specification

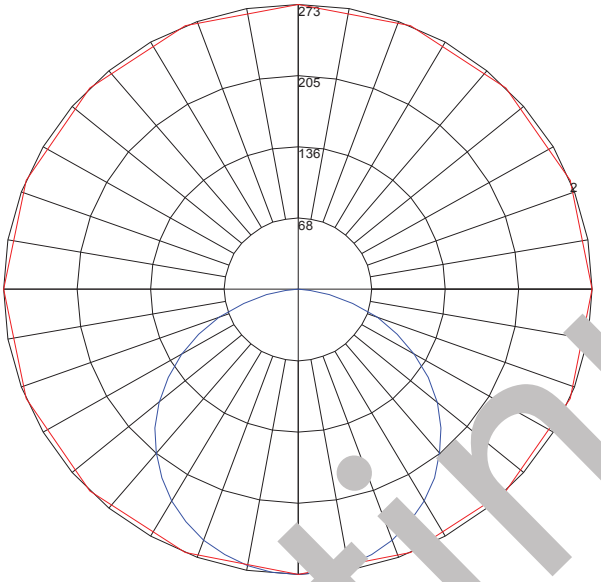
Specification

Output (based on 3000K)			
Kelvin Temperature	[illegible]	2400K	2700K
Lumens/ft	686	728	763
Efficacy (Lm/W)	98	104	109
Color Rendering Index (CRI)	[illegible]		
Electrical			
Input Voltage	24V		
Power Supply	Class 2		
Power Consumption W/ft	[illegible]		
Maximum Run Length	13'		
Maximum Run Length (JA8)	11'		
Wire Size (End Prep)	18 AWG, 2 wire		
Dimming	MLV/ELV/0-10V		
Physical			
LED Package	2835		
[illegible]s/ft	73		
Adhesive	3M VHB Tape		
Copper Trace	4 Ounce		
[illegible]ensions	15/32" (12mm)		
Cut [illegible]ements	1 5/16"		
Operat[illegible]perature	-40°F (-40°C) ~ +140°F (+60°C)		
Certificatio[illegible] and Testing			
Certification	UL Listed		
Lumen Maintenance (L70) Hours	60,000		
Binning Tolerance	1.5 Step MacAdam Elipse		
Environment	IP54 Damp Location, Conformal eXo Shield Coated		
Warranty	5 years		

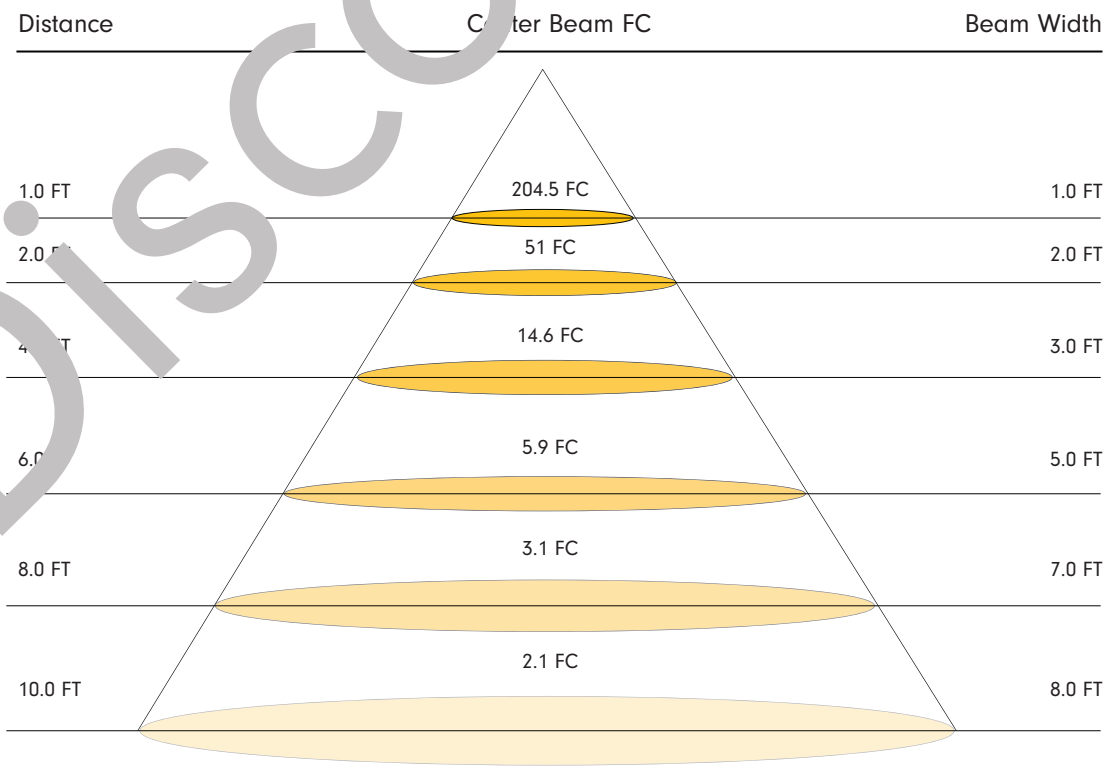
Discontinued

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

Photometrics Based on 3000K



Maximum Candela = 272.78
Located At Horizontal Angle = 0
Vertical Angle = 0
#1 Vertical Plane Through Horizontal Angles (0-180) (Through Max. Cd.
#2 Vertical Cone Through Vertical Angle (0) (Through Max. Cd.)



Discontinued

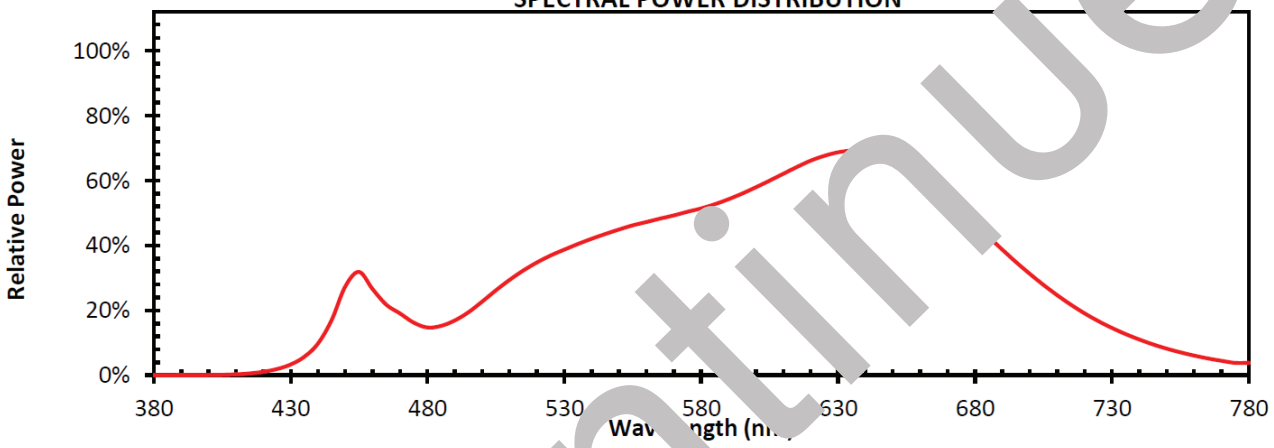
Tivoli, LLC. reserves the right to modify this specification without prior notice.

TM30 Based on 3000K

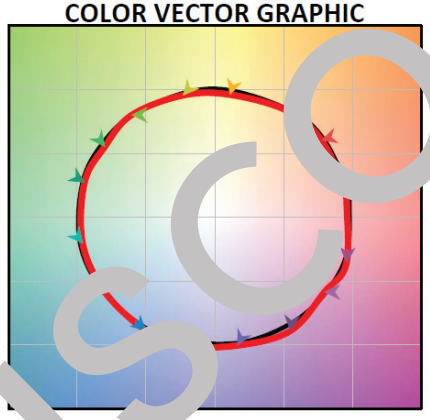
Rf 92	Rg 99
Fidelity index Rf	Gamut index Rg

Discontinued

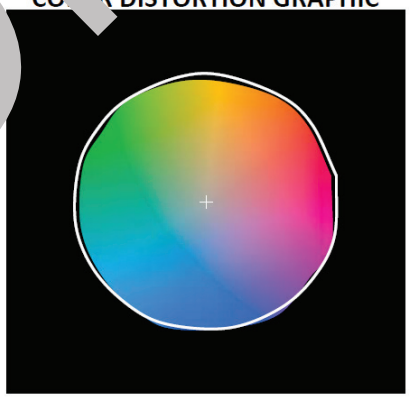
SPECTRAL POWER DISTRIBUTION

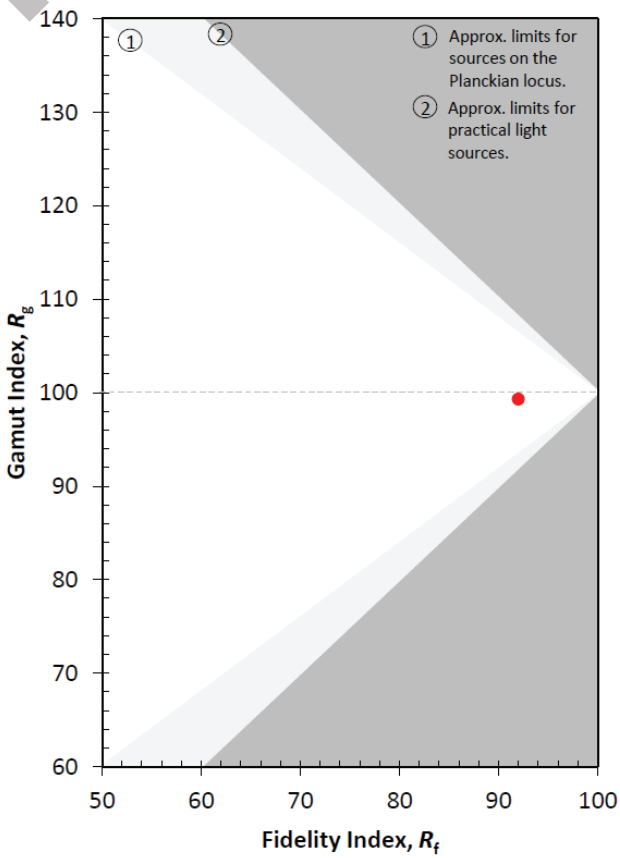


COLOR VECTOR GRAPHIC



COLOR DISTORTION GRAPHIC

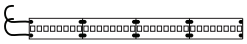




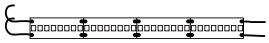
This plot shows a comparison of the Rf and Rg values relative to the range of possible values .

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

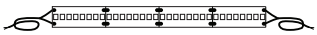
Power Leads and Jumpers (Installed by Tivoli's certified solderers)



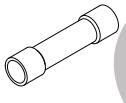
TPL-I-LEAD-2-C
LEAD/END
24" standard 2 conductor 18AWG lead wire factory attached to one end of tape



TPL-I-LEAD-2-D
LEAD/LEAD
24" standard 2 conductor 18AWG lead wire factory attached to both ends of tape



TPL-I-XEP-2
EXTRA LEAD WIRE
Additional factory attached 18AWG lead 2 wire to extend lengths of LEAD-C and LEAD-D up to 20 ft. max
Sold per foot



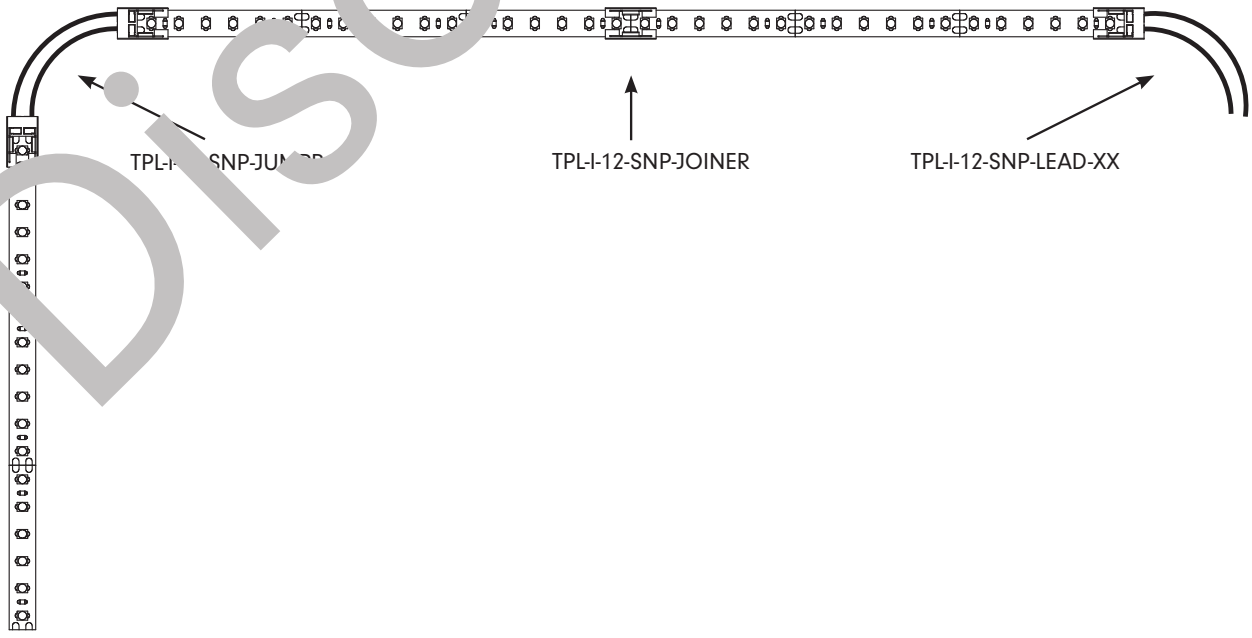
TPL-I-C NN
18-22A G BU CO NECTORS
Used in conne actory
ttache ad wi
S individu

Snap Power Lead and Jumpers (For in-field connection)

TPL-I-12-SNP-LEAD-XX
XX = **12** (12"), **60** (60")
2 conductor 20AWG lead wire field attached
Sold 10pcs

TPL-I-12-SNP-JUMPER-6
6" 2 conductor mper
wire field att ed
Sold 10pcs

TPL-I-12-SNP-JOINER
2 conductor joiner field ttached
Sold 10pcs



Discontinued

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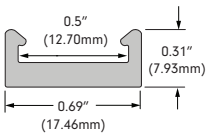
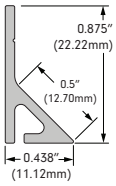
www.tivolilighting.com tel: 714-957-6101 fax: 714-427-3458

Compatible Extrusions

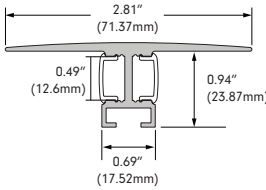
■ Fits 12mm Snap Connector



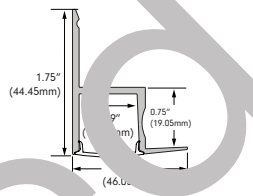
MCHAN-8-LP
Low profile NO LENS OPTION clear polycarbonate, length 8′



TPL-I-45-MCH-8-S
White PVC, 45° NO LENS length 8′

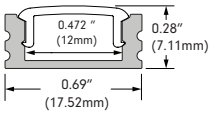


DWAR-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths

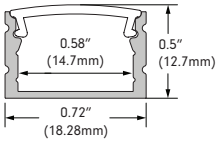


E GE-CHA SLV-6.5
A odize Alum m Extrusion, a ilable in 6. engths

■



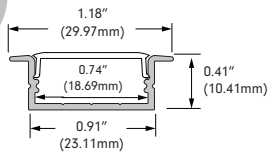
MINI-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths



MOFT-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths

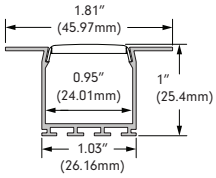
■

EDA-C N-SLV-6.
nodized minum Extrusion, ilable in 6. lengths



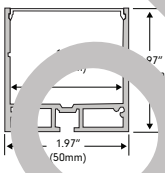
WRNR-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths

■



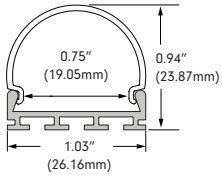
NOYS-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths

■



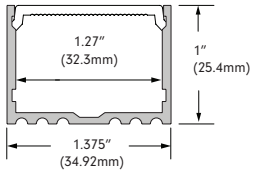
NZI-CHA XX-6.
XXX=**SLV** (Silver), **BLK** (Black), **WHT** (White)
Anodized uminum Extrusion, ilab n 6.5′ lengths

■



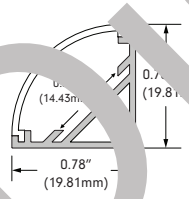
DOME-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths

■



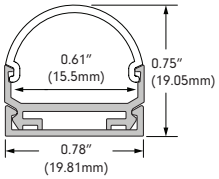
ALTN-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths

■



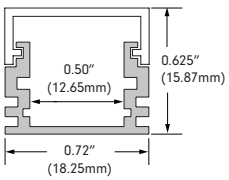
M -CHAN V-6.5
Anod minum extrusion availab n 6.5′ length

■

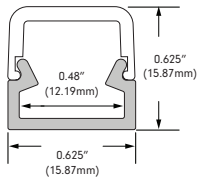


HRIZ-CHAN-SLV-6.5
Anodized aluminum extrusion available in 6.5′ length

■



ASTR-CHAN-SLV-6.5
Anodized aluminum extrusion available in 6.5′ length



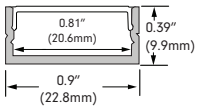
INF-X-CHAN-8
X = **C** (clear), **F** (frosted) PC extrusion, available in 8′ lengths

Discontinued

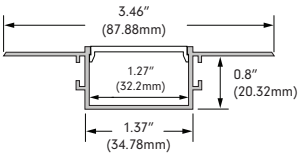
Tivoli, LLC. reserves the right to modify this specification without prior notice.

Compatible Extrusions

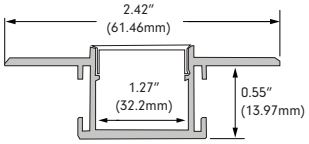
Fits 12mm Snap Connector



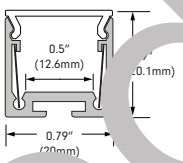
COTA-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths



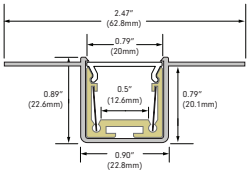
CARU-CHAN-SLV-6.5
Anodized aluminum extrusion, available in 6.5′ lengths



HAYS-CHAN-SLV-6.5
Anodized Aluminum Extrusion, available in 6.5′ lengths

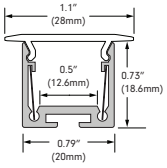


DUF 04-CHA XXX-6.5
XX = **SLV** (Silver), **WHT** (white), **GLL**, **BLK** (Black)
Alumi extru
Length



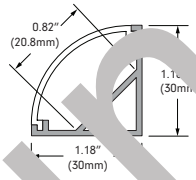
DUET-04-CHAN-M-6.5
Mud-In PC fire-proof extrusion 6.5′ Length

Note: **DUET-04-CHAN-SLV-6.5** and **DUET-04-CHAN-M-6.5** are required for mud-in application

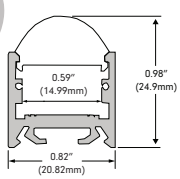


DUET-04-CHAN-SLV-6.5
Anodized aluminum extrusion available in 6.5′ length

Note: **DUET-04-CHAN-SLV-6.5** and **DUET-04-LNS-R-XXX-6.5** are required for recessed application



FR -CHA LV-6.5
odized Al num Extrusion, av ble in 6.5 ngths



RIDG-CHAN-SLV-8
Anodized Aluminum Extrusion length 8′

Note: For complete information on DUET 04 profile, refer to spe ication

In-Wall Controls

Touch reen

VOQ-1-WH
White

Touchscreen

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

Touchscreen

TVOQ-2-BK
Black

Discontinued

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

Power Supplies

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

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	MIN LO	CI T CAPA
Infinity Series Class 2 Transformer	INF-J-30-1-1.3-24	Indoor / Outdoor	100 - 277V AC	24V DC	1	30W	3W	1.3
	INF-J-60-1-2.5-24				1	60W	W	A
	INF-J-96-1-4-24				1	96W		4A
	INF-J-192-2-4-24				2	2x96W	2x9W	2x4A
	INF-J-288-3-4-24				3	96W	3X9	3x4A

ER

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SEC DARY	CIRCUIT	MAX LOAD	CIRCUIT CAPACITY
ER Series Class 2 Driver	ER-80-1-3.3-24-D	Indoor / Outdoor	100-277V AC /60 Hz	24V DC	1	80W	3.3A
ER Series Class 2 0-10V Dimming	ERG-80-24-DIM1-10						

ADUL/ADNM - NON DIMMING

DESCRIPTION	CAT NO	APPLIC	PR Y VOLT	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL/ADNM Series Class 2 Transformer	ADNM-90-1-4-24-D	Indo or Outdoor	10 7V AC 50/60 HZ	24V DC	1	90W	3.75A
	ADUL-120-1-4-24-D	or			1	96W	4A
	ADUL-240-2-4-24-D	Indoo			2	2x96W	2x4A
	ADUL-320-3-4-2	door			3	3x96W	3x4A

ADUL/ADNM - 0-10V DIMMIN

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADU ADNM Serie Cl Transforme	-90-1-4-24-D	Indoor / Outdoor	100-277V AC 50/60 HZ	24V DC	1	90W	3.75A
	ADUL-120- -4-24-DOT	Indoor			1	96W	4A
	-240-2-4-24-DOT	Indoor			2	2x96W	2x4A
	UL-320-3-4-24-DOT	Indoor			3	3x96W	3x4A

ADUL/ADN DMX NGLE ADDRESS

DESCR ON	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
UL/ADNM Series Class 2 Transformer	ADNM-90-1-4-24-DIN	Indoor / Outdoor	100-277V AC 5o/60 Hz	24V DC	1	90W	3.75A
	ADUL-120-1-4-24-DIN	Indoor			1	96W	4A
	ADUL-240-2-4-24-DIN	Indoor			2	2x96W	2x4A
	ADUL-320-3-4-24-DIN	Indoor			3	3x96W	3x4A

Discontinued

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Power Supplies

ADUL - DMX MULTI ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADUL Series Class 2 Transformer	ADUL-240-2-4-24-DIN-2	Indoor	100-277V AC 5o/60 Hz	24V DC	2	2x96W	2x4A
	ADUL-320-3-4-24-DIN-3				3		

ADNM - DMX/DALI FLICKER-FREE FOR TV STUDIO

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADNM Series Class 2 Transformer	ADNM-120-1-4-24-DTV	Indoor / Outdoor	100-277V AC 50/60 HZ	24V	1	1x96W	1x4A
	ADNM-240-2-4-24-DTV				2	2x96W	2x4A
	ADNM-320-3-4-24-DTV				3	3x96W	3x4A

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

Discontinued

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