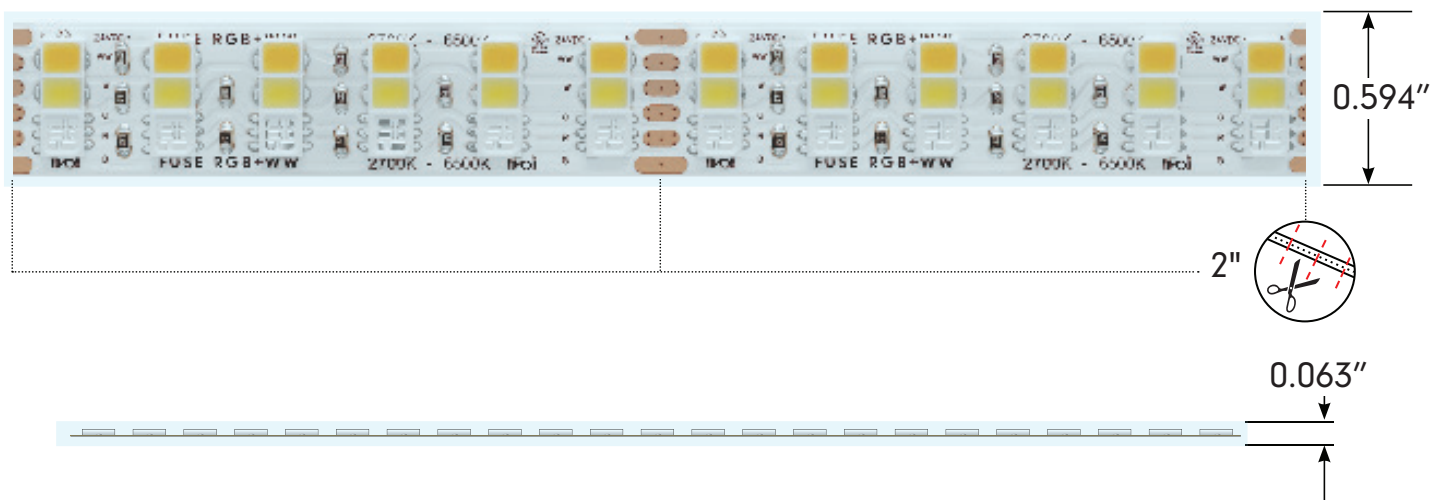




Project: _____ Type: _____

- Wet Location listed, housed in a durable silicone sleeve with no cracking or yellowing
- 5 Channel system
- RGB mixing with two dedicated white chip ranges: 2700K - 4000K and 2700K - 6500K
- 36 LEDs per foot
- 2" Cutting increments
- 3M VHB double sided tape on the back
- 24VDC input voltage
- Factory soldered lead wire
- Standard IP67 wet rated and IP54 damp location available
- Multiple mounting channel options
- Low lead times
- 3oz. Copper Trace
- 3 Year warranty

Dimensions



Order Specification Guide

PRODUCT CODE	INSTALL	LED TYPE	LED WW COLOR	*MAX RUN	VOLTAGE
TPLFS	O	RGB			24
TPLFS = Fuse Tape	O = Outdoor	RGB = RGB mixing	01 = 27K - 65K 02 = 27K - 40K	MR = Max Run	24 = 24V DC

* Optional - Leave blank if not needed

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 cut interval (unless otherwise specified)

Specification

Output 01						
Kelvin Temperature	Red	Green	Blue	RGB	2700K	6500K
Lumens/ft	19	61.6	17	97	155.5	184
Efficacy (Lm/W)	31.6	85.5	27.4	48.5	77.7	92
CRI	n/a	n/a	n/a	CF	98	94
Wavelength	627	527	471	n/a	n/a	n/a
Measured Power W/ft	0.60	0.72	0.62	2	2	2
Listed Power W/ft.	6					
Max Run	15'					

Output 02						
Kelvin Temperature	Red	Green	Blue	RGB	2700K	4000K
Lumens/ft	19	61.6	17	97	155.5	CF
Efficacy (Lm/W)	31.6	85.5	27.4	48.5	77.7	CF
CRI	n/a	n/a	n/a	CF	98	CF
Wavelength	627	527	471	n/a	n/a	n/a
Measured Power W/ft	0.60	0.72	0.62	2	2	2
Listed Power W/ft.	6					
Max Run	15'					

n/a = Not Applicable

Electrical	
Input Voltage	24V DC
Control System	DMX
Physical	
Dimensions	0.594" (15mm)
LED	3535 (RGB), 2835 (WW)
Cut Increment	2" (50.8mm)
LED/ft	36
Copper Trace	3 OZ
Adhesive	3M VHB Tape
Operating Temperature	-40°C to 60°C (-40°F to 140°F)
Certification and Testing	
Certification	cULus
Environment	Wet Location
IP Rating	IP67 (Silicone Sleeved)
Warranty	3 years

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



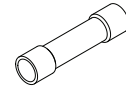
TPL-O-LEAD-6-C
LEAD/END
24" standard 6 conductor
22AWG lead wire factory
attached to one end of tape



TPL-O-LEAD-6-D
LEAD/LEAD
24" standard 6 conductor
22AWG lead wire factory
attached to both ends of tape



TPL-O-XEP-6
EXTRA LEAD WIRE
Additional factory attached
22AWG lead 6 wire to extend
lengths of LEAD-C and LEAD-D
up to 20 ft. max
Sold per foot



TPL-O-CONN
18-22AWG BUTT CONNECTORS
Used to interconnect factory
attached lead wires.
Sold individually.

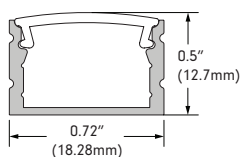


GELJB-3-01-BK
1/2/3 Wire IP67 Small Gel Filled
Junction Box

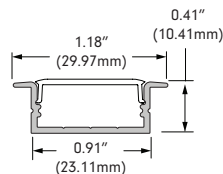


GELJB-3-02-BK
1/2/3 Wire IP67 Medium Gel Filled
Junction Box

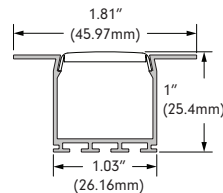
Compatible Extrusions



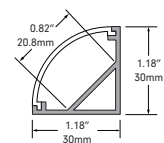
MOFT-CHAN-SLV-6.5
Anodized Aluminum Extrusion,
available in 6.5' lengths



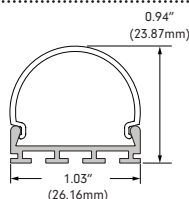
WRNR-CHAN-SLV-6.5
Anodized Aluminum Extrusion,
available in 6.5' lengths



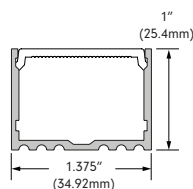
NOYS-CHAN-SLV-6.5
Anodized Aluminum Extrusion,
available in 6.5' lengths



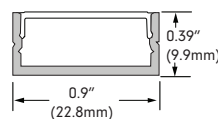
FRE-CHAN-SLV-6.5
Anodized Aluminum Extrusion,
available in 6.5' lengths



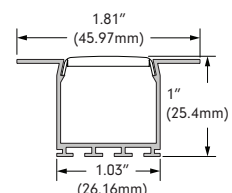
DOME-CHAN-SLV-6.5
Anodized Aluminum Extrusion,
available in 6.5' lengths



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

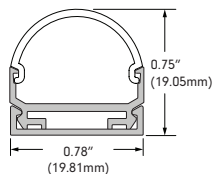


COTA-CHAN-SLV-6.5
Anodized Aluminum Extrusion,
available in 6.5' lengths



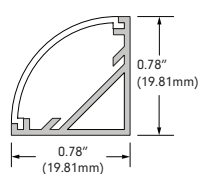
NOYS-CHAN-SLV-6.5
Anodized Aluminum Extrusion,
available in 6.5' lengths

Compatible Extrusions



HRIZ-CHAN-SLV-6.5

Anodized aluminum extrusion available in 6.5' length



MRSI-CHAN-SLV-6.5

Anodized aluminum extrusion available in 6.5' length

In-Wall Controls



Touchscreen

TVOQ-1-WH

White



Touchscreen

TVOQ-10-XX-7

XX = BK (Black), WH (White)



Touchscreen

TVOQ-2-BK

Black

Power Supplies

ADNM - DMX SINGLE ADDRESS

DESCRIPTION	CAT NO	APPLICATION	PRIMARY VOLTAGE	SECONDARY VOLTAGE	CIRCUIT BREAKERS	MAX LOAD	CIRCUIT CAPACITY
ADNM Series Class 2 Transformer	ADNM-90-1-4-24-DIN	Indoor / Outdoor	100-277V AC 50/60 Hz	24V DC	1	90W	3.75A
	ADNM-120-1-4-24-DIN				1	96W	4A
	ADNM-240-2-4-24-DIN				2	2x96W	2x4A
	ADNM-320-3-4-24-DIN				3	3x96W	3x4A

ADNM - DMX MULTI ADDRESS

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

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 DC	1	1x96W	1x4A
	ADNM-240-2-4-24-DTV				2	2x96W	2x4A
	ADNM-320-3-4-24-DTV				3	3x96W	3x4A

DMX Sub-Controller

DESCRIPTION	CAT NO	MODES	WATTAGE	PRIMARY VOLTAGE	DIMENSION
DMX Sub-controller	TPL-RGBW-180-24	Sub-controller only	5X96W	24V DC	2.87" W X 6.46" L X 1.45" H

Network Hardware



MDRX-LUNA-XX

XX = 04, 08, 16 (ports)
MADRIX Luna 4, 8, 16 port universe Artnet to DMX interface 16 port 8192, 8 port 4096, 4 port 2048 DMX channels



ARTNET-L-XX-512

XX = 8, 16 (ports)
8 or 16 port universe Artnet to DMX interface,
16 port 8192 DMX channels
8 port 4096 DMX channels



NTG-SWI-XXPT

XX = 8 (8 Port), **16** (16 Port)
NETGEAR 16-Port gigabit Unmanaged Switch



DMX-SPLT-8

DMX Splitter
8 ports of DMX 512, RJ45 and 3-pin Hardwire Connection

Key & Software Levels

PRODUCT CODE

MDRX

MDRX = MADRIX

CONTROL

LC

LC = Lighting Control

5 KEY & SOFTWARE LEVEL

5S = Start Level
5E = Entry Level
5B = Basic Level
5P = Professional Level
5U = Ultimate Level
5M = Maximum Level

MADRIX KEY

A USB dongle unlocks the software's full output. You can freely switch between different PCs as it is not bound to a specific one. It only needs to be activated online once.

MADRIX 5 LICENSE UPGRADES

You can easily upgrade your MADRIX 5 KEY to any higher license at any time, increasing the available output.

Level	START	ENTRY	BASIC	PROFESSIONAL	ULTIMATE	MAXIMUM
MADRIX 5 Order Code	MDRX-LC-5S	MDRX-LC-5E	MDRX-LC-5B	MDRX-LC-5P	MDRX-LC-5U	MDRX-LC-5M
DMX-Based Output						
DMX Channels	1,024	4,096	16,384	65,536	262,144	1,048,576
DMX Universe Example	2	8	32	128	512	2,048
RGB Voxels Example	341	1,365	5,461	21,845	87,381	349,525
DVI-Based Output						
DVI Voxels	4,096	16,384	262,144	1,048,576	2,097,152	2,097,152
Render Resolution (Pixel x Pixel)	64 x 64	128 x 128	512 x 512	1,024 x 1,024	2,048 x 1,024	2,048 x 1,024

Note: If the number of DMX sub-controllers exceed 32 units, a DMX Splitter is required.

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