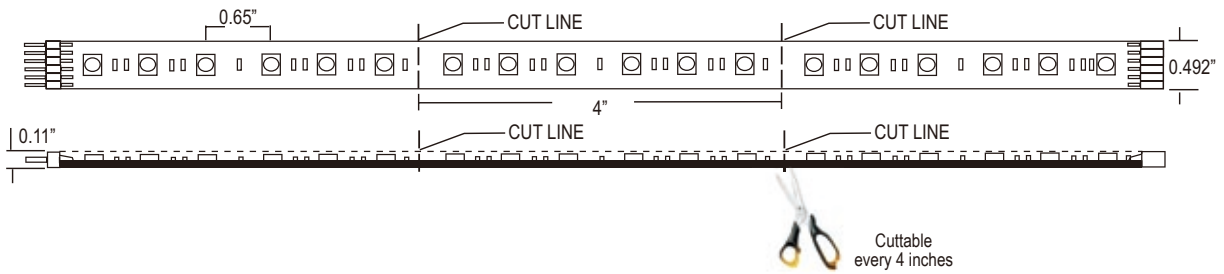# StarStrand® Ultima Star 24

Features

• Highest StarStrand lumen light output
• Long runs up to 100 feet
• Silicone covered to reduce static failure
• Multiple lengths with soldered connectors for trouble free installation
• UL approved for damp locations
• Highly flexible material that is backed with 3M adhesive tape for easy installation
• Field cuttable every 4 inches

Applications

• Office task lighting
• Under cabinet lighting
• Closets
• Work areas
• Display counters
• Steps and railings

Cuttable every 4 inches

Item	Length	Diodes	Wattage	Lumens	Color Temp	CRI	PC Board	Beam	Voltage	Current
53450	4"	6	1.23	85	3500 K	70-75	White	120°	24V	51mA
53451	12"	18	3.7	254	3500 K	70-75	White	120°	24V	154mA
53455	20"	30	6.17	423	3500 K	70-75	White	120°	24V	257mA
53452	60"	90	18.5	1270	3500 K	70-75	White	120°	24V	771mA
53453	120"	180	37	2540	3500 K	70-75	White	120°	24V	1.5A
53454	240"	360	74	5080	3500 K	70-75	White	120°	24V	3.1A

Model Number	Wattage	Maximum Run	Maximum Run Using 2 Output Cords	Wiring Diagram
53311 , 53313 , 55318	60 Watts	13'	......	1
53286	96 Watts	22'	......	1
53314	100 Watts	22'	......	1
53287	150 Watts	32'	......	1
53288	320 Watts	50'	70'	......
53289	480 Watts	50'	100'	......

Wiring Diagram on page 60

3500 K 120°	
Distance	Foot Candles
12in	51.47
24in	14.47
36in	6.65
48in	3.85

Shown using 1 foot section of Ultima Star 24

MAXIM LIGHTING

6-Pin 4-Way Connector

53350 1.5"L x 1.5"W x .25"H
• Creates a power block for branching between Ultima Star 24, 24V Driver or 24V Dimming Controller
• Includes two 6-Pin Male End Caps and one 6-Pin Male/Male Adapter

Plastic Wire Clip

53255 1"L x .5"W x .25"H
• Secures to surface connecting cords and input/output cords of drivers and controllers
• Backed with 3M adhesive
• Package of 10

24V Dimming Controller

53393 5"L x 2.5"W x 1"H
• Full range dimming and on/off
• RF remote included
• Installs between 24V Driver and Ultima Star 24
• 4" 6-Pin power input cord, 72" 6-Pin signal output cord
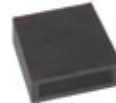• Compatible with drivers 53313 and 53318

6-Pin Rough-In Terminal Block

53258 4"L x .75"W x .5"H
• Rough in for new installation construction between Ultima Star 24, 24V Driver or 24V Dimming Controller
• Female connector on one end with two wire quick connector on opposite end
• Includes one 6-Pin Male/Male Adapter and installation screw

6-Pin Connecting Cords

53465 5"L x .75"W x .25"H
53467 13"L x.75"W x .25"H
53468 73"L x .75"W x .25"H
• Extend distance between Ultima Star 24, 24V Driver or 24V Dimming Controller

6-Pin Mounting Clip

53273 .5"W x .25"H x .5"L
• Use on irregular surfaces when adhesive backing is not sufficient
• Recommended interval is every 12"
• Package of 20

6-Pin 90° Connector

53464 1.25"L x 1.25"W x .25"H
• For 90° corners
• Reversible for left or right
• Includes 3M adhesive for easy mounting

6-Pin Silicone End Cap

53469 .75"L x .5"W x .1"H
• Placed on run termination
• Protects against dust and damage
• Package of 10

Flexible Aluminum Channel

53254 36"L x .5"W x .6"H
• Creates valance to conceal tape
• Irregular surfaces installation
• Includes screws for installation

Heat Shrink Wrap

53256 3"L x 1"W x .25"H
• Secure connections when in walls
• Waterproof for damp locations
• Heat gun required for installation
• Package of 10

6-Pin Male/Male Adapter

53342 .5"L x .5"W x .25"H
• Changes female end to male
• Package of 6

6-Pin Male End Cap

53344 .5"L x .5"W x .25"H
• Placed on female end of run termination
• Protects against dust nad damage
• Package of 6

6-Pin Male Extender

53341 .5"L x .5"W x .25"H
• Used to connect 6-Pin 4-Way Connector to 6-Pin Connecting Cords and the 6-Pin output cords on 24V drivers and 24V Dimming Controller
• Package of 6
• One included with 53350

Adjustable 6-Pin Connector

53462 1.18"W x .25"H x 2.3"L
• Used for irregular turns on a flat surface
• Adjusts from 90° to 180°
• Great for radius turn alcoves

Drivers

(See page 53-56 for detailed driver information)

53311	24V 60w Class II Dimmable Driver		**53314**	24V 100w Class II Dimmable Driver
53313	24V 60w Plug-In Driver		**53287**	24V 150w Driver
53318	24V 60w Class II Driver		**53288**	24V 320w Driver
53286	24V 96w Class II Driver		**53289**	24V 480w Driver

MAXIM LIGHTING®