

DynamicPlus-16

RGB+TW Multi-Color 24VDC LED Tape Light



DynamicPlus

24VDC Flexible LED Strip Multi-Color RGB+TW Series



Features

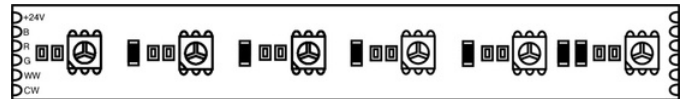
- RGB + TW 2300K-6500K
- 3W Max per foot with the Cyan Controller (7.92W total for all channels)
- Up to 159Lm per foot
- Cuttable every 3.94in (100mm)
- Double Layer Thick 3oz Copper PCB
- Thermally resistant 3M VHB adhesive backing
- ETL Listed Class 2 Certified
- 90+ CRI (White LED's)
- 6-Year warranty

Specifications

Color Temperatures:



Dimensions

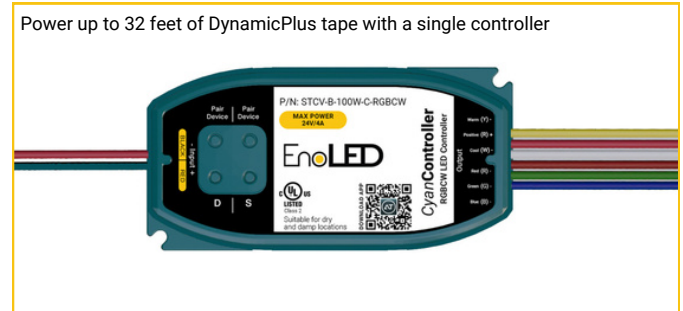


Dimensions	Length
Total Length	16.4ft (5000mm)
Cut Length	0.94 Inch (100mm)
Width	0.55 Inch (14mm)
Height	0.083 Inch (2.10mm)
Input Cable Length	11.81 Inch (300mm)

Control Options

Part Number	Description
STCV-B-100W-C-RGBCW	24VDC RGBCW LED Controller

Specifications	Description
Ordering Code:	DynamicPlus-16
Input Voltage:	24VDC
Color Temperature:	RGB + TW 2300K-6500K
CRI:	90+
Power:	3W/ft
Lumens:	159Lm/ft
Cut Length:	3.94in (100mm)
Environment:	IP20
Dimensions (W x H x L):	0.55" x 0.05" x 196.85"
Maximum Run:	32ft (from power feed)
Beam Angle:	120°
Lamp Life:	50,000
Max Ambient Temperature:	113F°
Adhesive:	3M



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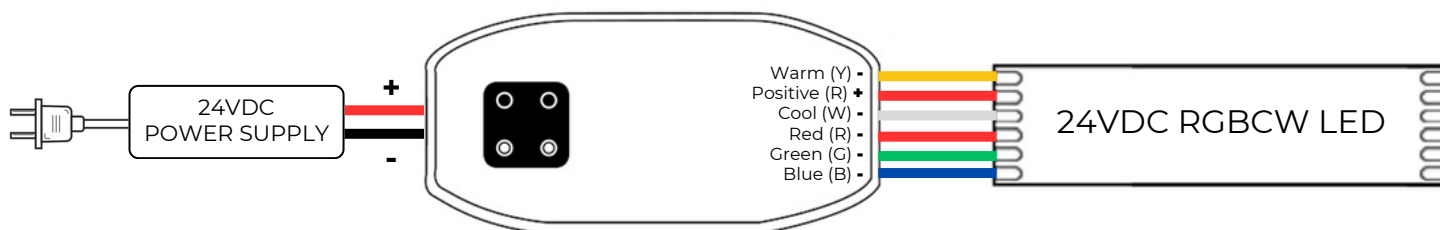


Photometric and Power Data

LED Channel	Voltage	Watts/ft	Lumens/ft	CCT	CRI	Wavelength
Warm White	24.0	1.87	133	2300K	91	-
Cool White	24.0	1.86	159	6500K	90	-
Red	24.0	1.36	-	-	-	628nm
Green	24.0	1.44	-	-	-	520nm
Blue	24.0	1.39	-	-	-	454nm

Total wattage for all channels on is 7.92W/ft max

Wiring Diagram



Connector Ordering Information

Ordering Code	Description
1) Dynamic-14mm-TT	0.55" (14mm) • RGBCW • Tape to Tape Connector
2) Dynamic-14mm-WW	0.55" (14mm) • RGBCW • Tape to Tape Connector with 6" wire
3) Dynamic-14mm-TW	0.55" (14mm) • RGBCW • Tape to Wire Connector with 6" wire



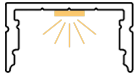
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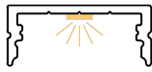


Channel Compatibility

Surface Mount



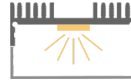
SL-430-S-94
Aluminium Finish
Width (outside): 0.93" (23.50mm)
Width (inside): 0.80" (20.30mm)
Height: 0.50" (12.80mm)
Length: 94" (2.38m)



SL-454-S-94
Aluminium Finish
Width (outside): 0.93" (23.50mm)
Width (inside): 0.80" (20.30mm)
Height: 0.39" (12.80mm)
Length: 94" (2.38m)



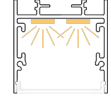
SL-314-S-94
Aluminium Finish
Width (outside): 0.80" (20.30mm)
Width (inside): 0.68" (17.50mm)
Height: 0.80" (20.30mm)
Length: 94" (2.38m)



SL-331-S-94
Aluminium Finish
Width (outside): 1.14" (29.00mm)
Width (inside): 0.68" (17.50mm)
Height: 0.88" (22.35mm)
Length: 0.94" (2.44mm)



SL-504-S-94
Aluminium Finish
Width (outside): 1.31" (33.20mm)
Width (inside): 1.18" (30.00mm)
Height: 0.57" (14.40mm)
Length: 94" (2.38m)



SL-910-S-94
Aluminium Finish
Width (outside): 1.44" (36.70mm)
Width (inside): 1.18" (30.00mm)
Height: 1.44" (36.70mm)
Length: 94" (2.38m)



SL-910-B-94
Black Finish
Width (outside): 1.44" (36.70mm)
Width (inside): 1.18" (30.00mm)
Height: 1.44" (36.70mm)
Length: 94" (2.38m)

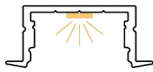


SL-928-S-94
Aluminium Finish
Width (outside): 1.97" (50.00mm)
Width (inside): 1.80" (45.72mm)
Height: 1.16" (29.50mm)
Length: 94" (2.38m)



SL-928-B-94
Black Finish
Width (outside): 1.97" (50.00mm)
Width (inside): 1.80" (45.72mm)
Height: 1.16" (29.50mm)
Length: 94" (2.38m)

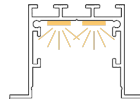
Recessed Mount



RL-727-S-94
Aluminium Finish
Width (outside): 1.20" (30.60mm)
Width (inside): 0.80" (20.30mm)
Height: 0.50" (12.80mm)
Length: 94" (2.38m)



RL-778-S-94
Aluminium Finish
Width (outside): 1.31" (33.20mm)
Width (inside): 1.18" (30.00mm)
Height: 0.57" (14.40mm)
Length: 94" (2.38m)



RL-809-S-94
Aluminium Finish
Width (outside): 1.43" (36.30mm)
Width (inside): 1.30" (33.10mm)
Height: 1.38" (35.00mm)
Length: 94" (2.38m)



RL-851-S-94
Aluminium Finish
Width (outside): 2.52" (64.00mm)
Width (inside): 1.57" (40.00mm)
Height: 1.16" (29.50mm)
Length: 94" (2.38m)

Trimless Mud-In



TL-041-S-94
Aluminium Finish
Width (outside): 0.93" (23.50mm)
Width (inside): 0.80" (20.50mm)
Height: 0.61" (15.50mm)
Length: 94" (2.38m)



TL-066-S-94
Aluminium Finish
Width (outside): 1.44" (36.70mm)
Width (inside): 1.18" (30.00mm)
Height: 0.61" (15.50mm)
Length: 94" (2.38m)



TL-071-S-94
Aluminium Finish
Width (outside): 1.97" (50.00mm)
Width (inside): 1.77" (45.00mm)
Height: 0.61" (15.50mm)
Length: 94" (2.38m)