

# DynamicPlus-16

RGB+TW Multi-Color 24VDC LED Tape Light



## DynamicPlus

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



#### Features

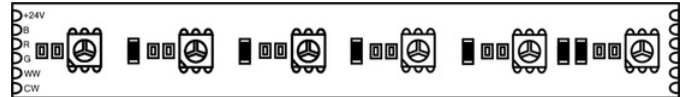
- RGB + TW 2300K-6500K
- 3W Max per foot with the Cyan Controller (7.92W total for all channels)
- Up to 159Lm per foot
- Cuttable every 3.93in (100mm)
- Double Layer Thick 3oz Copper PCB
- Thermally resistant 3M VHB adhesive backing
- ETL Listed Class 2 Certified
- 90+ CRI (White LED's)
- 6-Year warranty

#### Specifications

##### Color Temperatures:



#### Dimensions

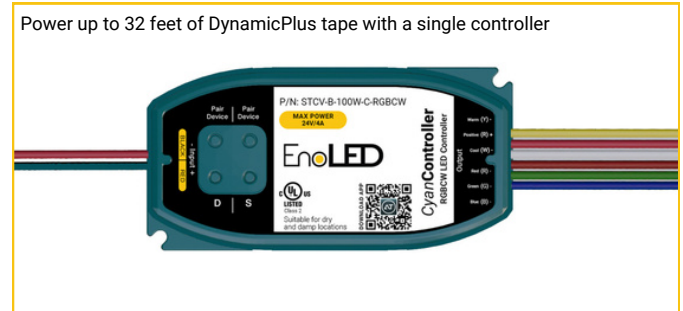


Dimensions	Length
Total Length	16.4ft (5000mm)
Cut Length	3.93 Inch (100mm)
Width	0.55 Inch (14mm)
Height	0.083 Inch (2.10mm)
Input Cable Length	11.81 Inch (300mm)

#### 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:	3.93in (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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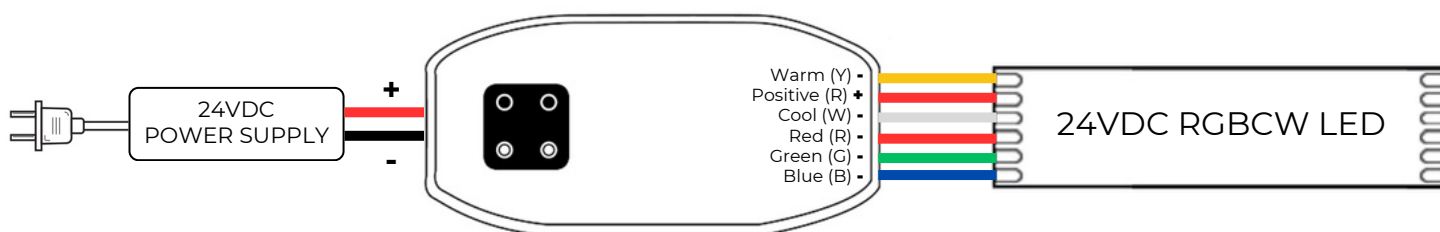


#### Photometric and Power Data

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

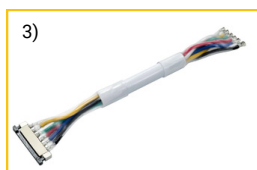
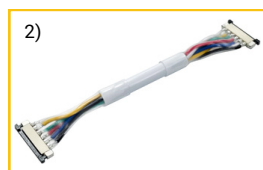
Total wattage for all channels on is 7.92W/ft max

#### 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



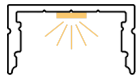
## DynamicPlus

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

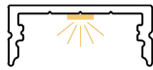


### Channel Compatibility

#### Surface Mount



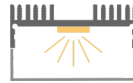
**SL-430-S-94**  
**Aluminium Finish**  
 Width (outside): 0.93" (23.50mm)  
 Width (inside): 0.80" (20.30mm)  
 Height: 0.50" (12.80mm)  
 Length: 94" (2.38m)



**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)



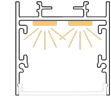
**SL-314-S-94**  
**Aluminium Finish**  
 Width (outside): 0.80" (20.30mm)  
 Width (inside): 0.68" (17.50mm)  
 Height: 0.80" (20.30mm)  
 Length: 94" (2.38m)



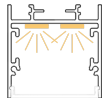
**SL-331-S-94**  
**Aluminium Finish**  
 Width (outside): 1.14" (29.00mm)  
 Width (inside): 0.68" (17.50mm)  
 Height: 0.88" (22.35mm)  
 Length: 0.94" (2.44mm)



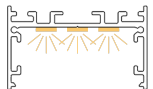
**SL-504-S-94**  
**Aluminium Finish**  
 Width (outside): 1.31" (33.20mm)  
 Width (inside): 1.18" (30.00mm)  
 Height: 0.57" (14.40mm)  
 Length: 94" (2.38m)



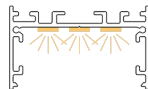
**SL-910-S-94**  
**Aluminium Finish**  
 Width (outside): 1.44" (36.70mm)  
 Width (inside): 1.18" (30.00mm)  
 Height: 1.44" (36.70mm)  
 Length: 94" (2.38m)



**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)

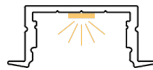


**SL-928-S-94**  
**Aluminium Finish**  
 Width (outside): 1.97" (50.00mm)  
 Width (inside): 1.80" (45.72mm)  
 Height: 1.16" (29.50mm)  
 Length: 94" (2.38m)



**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)

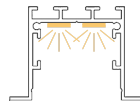
#### Recessed Mount



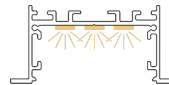
**RL-727-S-94**  
**Aluminium Finish**  
 Width (outside): 1.20" (30.60mm)  
 Width (inside): 0.80" (20.30mm)  
 Height: 0.50" (12.80mm)  
 Length: 94" (2.38m)



**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)