wamco
LIGHTING

FilmStrip

High-Quality
Flexible LED Strips

Designed for the
Entertainment Industry

FilmStrip

Wamco's FilmStrip high CRI (95+) flexible LED strips are designed specifically for demanding lighting applications in the film industry where the highest quality color output is desirable.

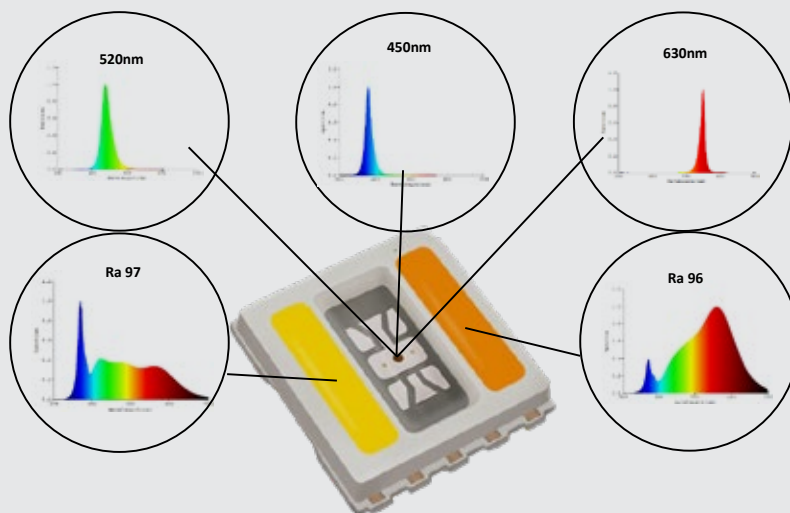## Available Color Options

Hybrid Tunable-White

- 2700K
- + 6500K

Hybrid Tunable-White + RGB

- 2700K
- + 6500K
- + RGB

Common Applications

- Studio
- Television
- Photography
- Commercial
- Residential
- Medical
- Transportation
- Museums

520nm

450nm

630nm

Ra 97

Ra 96

Superior CRI Performance

All our High CRI products are tested and proven to provide the highest quality LED CRI output.

CALL
+1 (714) 545-5560

VISIT
WWW.WAMCOINC.COM

EMAIL
INFO@WAMCOINC.COM

wamco
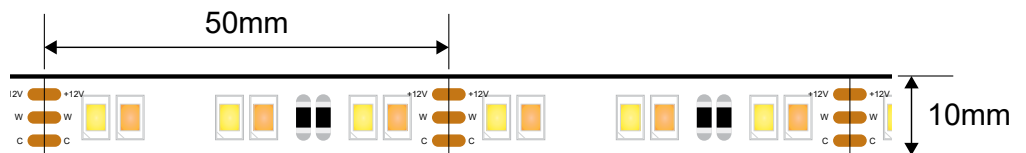LIGHTING

ULTRA
HIGH
CRI

EXPANDED
**COLOR
RANGE**

- Compatible with most 2-channel controllers
- Easily installed into aluminum channels
- Solderless connectors available
- FX series with expanded color range

12V Hybrid Tunable-White Flexible LED Strip
Fully Tunable Color Temperature from Tungsten to Daylight

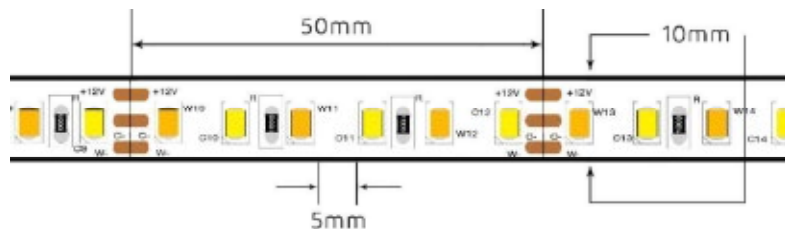| SPECIFICATIONS	
Part Number	WL-LFS10FX06TWC95-12V
Voltage	12VDC
Power per meter	14.4W
Brightness per meter	1390lm
Light Efficacy per Watt	97lm
Tunable Color Range	Tungsten (Warm-White) to Daylight (Cool-White)
Color Temperature (CCT)	⬤ 2700K to ◯ 6500K
Color Rendering (CRI)	> 95
TM-30 R_f/R_g	92/98
TLCI	97
Operating Temperature	-20° C ~ 50° C
Certifications	CE, RoHS, cULus
Dimensions	10 Millimeters x 5 Meters
LED Quantity per meter	120 LEDs
Cuttable	50mm Segments / 6 LEDs per Segment

50mm

10mm

c(UL)us

CE

RoHS

120°

3 Years Warranty

5m Reel

Long Life Span **50,000 Hours**

12 VDC

Cut Into 50mm Segments

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FilmStrip

12V Hybrid Tunable-White Flexible LED Strip
Fully Tunable Color Temperature from Tungsten to Daylight

ULTRA HIGH CRI

- Compatible with most 2-channel controllers
- Easily installed into aluminum channels
- Solderless connectors available

SPECIFICATIONS	
Part Number	WL-LFS10F06TWC95-12V
Voltage	12VDC
Dimensions	10 Millimeters x 5 Meters
Tunable Color Range	Tungsten (Warm-White) to Daylight (Cool-White)
Color Temperature (CCT)	⬤ 3200K to ◯ 5600K
Color Rendering (CRI)	> 95
TM-30 R_f/R_g	92/98
TLCI	97
Operating Temperature	−20° C ~ 50° C
Certifications	CE, RoHS, cULus
Cuttable	50mm Segments

PERFORMANCE	Tungsten (Warm-White)	Daylight (Cool-White)
Color Setting	3200K	5600K
Brightness*	570 lm	670 lm

*Lumens per meter

c(UL)us   CE   RoHS   120°   **3** Years Warranty   **5m** Reel   Long Life Span **50,000 Hours**   12 VDC   Cut Into 50mm Segments

wamco LIGHTING

24V Hybrid Tunable-White Flexible LED Strip

Fully Tunable Color Temperature from Tungsten to Daylight

ULTRA HIGH CRI

EXPANDED COLOR RANGE

SPECIFICATIONS

Part Number	WL-LFS10FX12TWC95-24V
Voltage	24VDC
Power per meter	14.4W
Brightness per meter	1390lm
Light Efficacy per Watt	97lm
Tunable Color Range	Tungsten (Warm-White) to Daylight (Cool-White)
Color Temperature (CCT)	● 2700K to ○ 6500K
Color Rendering (CRI)	> 95
TM-30 R_f/R_g	92/98
TLCI	97
Operating Temperature	-20° C ~ 50° C
Certifications	CE, RoHS, cULus
Dimensions	10 Millimeters x 5 Meters
LED Quantity per meter	120 LEDs
Cuttable	100mm Segments / 12 LEDs per Segment

- Compatible with most 2-channel controllers
- Easily installed into aluminum channels
- Solderless connectors available
- FX series with expanded color range

100mm

10mm

cULus · CE · RoHS · 120° · 3 Years Warranty · 5m Reel · Long Life Span 50,000 Hours · 24 VDC · Cut Into 100mm Segments

FilmStrip

24V Hybrid Tunable-White Flexible LED Strip

Fully Tunable Color Temperature from Tungsten to Daylight

ULTRA HIGH CRI
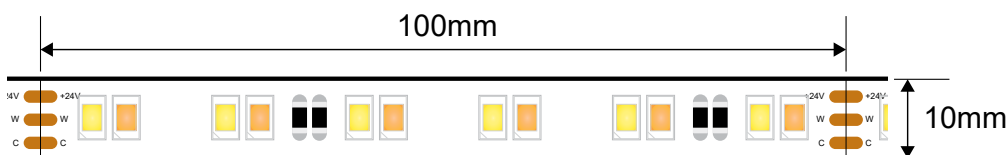
SPECIFICATIONS	
Part Number	WL-LFS10F12TWC95-24V
Voltage	24VDC
Dimensions	10 Millimeters x 5 Meters
Tunable Color Range	Tungsten (Warm-White) to Daylight (Cool-White)
Color Temperature (CCT)	● 3200K to ○ 5600K
Color Rendering (CRI)	> 95
TM-30 R_f/R_g	92/98
TLCI	97
Operating Temperature	-20° C ~ 50° C
Certifications	CE, RoHS, cULus
Cuttable	100mm Segments

- Compatible with most 2-channel controllers
- Easily installed into aluminum channels
- Solderless connectors available

PERFORMANCE	Tungsten (Warm-White)	Daylight (Cool-White)
Color Setting	3200K	5600K
Brightness*	570 lm	670 lm

*Lumens per meter

cULus CE RoHS 120° 3 Years Warranty 5m Reel Long Life Span 50,000 Hours 24 VDC Cut Into 100mm Segments

ULTRA HIGH CRI

EXPANDED COLOR RANGE

- Million colors in one via 5-channel DMX controller
- Easily installed into aluminum channels
- Solderless connectors available
- FX series with expanded color range
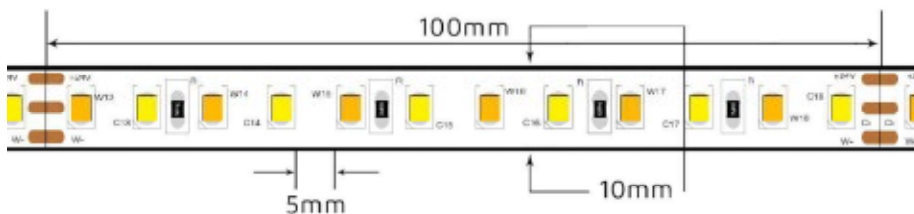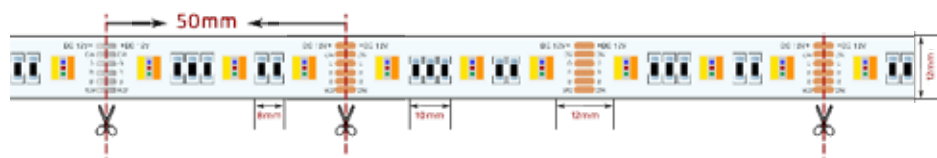
12V Hybrid Tunable-White + RGB Flexible LED Strip
5-in-1 Fully Tunable Color Temperature + RGB

SPECIFICATIONS

Part Number	WL-LFS12FX03TWRGBC95-12V
Voltage	12VDC
Power per meter	18W
Brightness per meter	960lm
Dimensions	12 Millimeters x 5 Meters
5-in-1 LED Colors	🟡 2700K + ⚪ 6500K + 🌈 RGB
Tunable-White Color Range	Tungsten (Warm-White) to Daylight (Cool-White)
Color Rendering (CRI)	> 95
TM-30 R_f/R_g	92/98
TLCI	97
Operating Temperature	-20° C ~ 50° C
Certifications	CE, RoHS, cULus
Dimensions	12 Millimeters x 5 Meters
LED quantity per meter	60
Cuttable	50mm Segments / 3 LEDs per Segment

Absolute Maximum	2700K	6500K	Red (520nm)	Green (450nm)	Blue (630nm)
Power per meter	7.2W	7.2W	4.8W	4.8W	4.8W

cULus   CE   RoHS   120°   **2** Years Warranty   **5m** Reel   Long Life Span **50,000 Hours**   12 VDC   Cut Into 50mm Segments
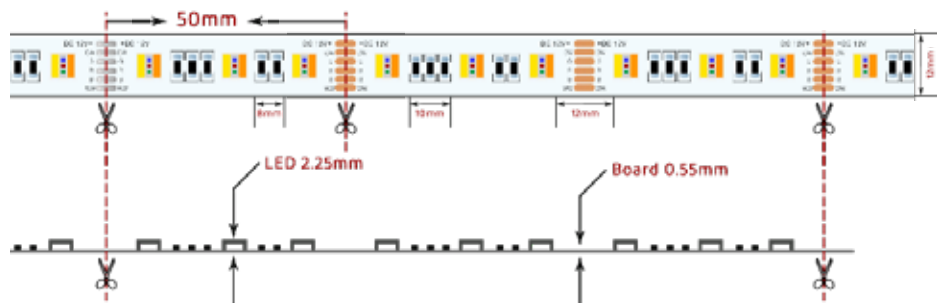
FilmStrip

ULTRA HIGH CRI

12V Hybrid Tunable-White + RGB Flexible LED Strip
5-in-1 Fully Tunable Color Temperature + RGB

SPECIFICATIONS	
Part Number	WL-LFS12F03TWRGBC95-12V
Voltage	12VDC
Dimensions	12 Millimeters x 5 Meters
5-in-1 LED Colors	🟠 3200K + ⚪ 5600K + 🌈 RGB
Color Rendering (CRI)	> 95
TM-30 R_f/R_g	92/100
TLCI	97
Operating Temperature	-20° C ~ 50° C
Certifications	CE, RoHS
Cuttable	50mm Segments / 3 LEDs per Segment

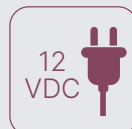- Million colors in one via 5-channel DMX controller

- Easily installed into aluminum channels

- Solderless connectors available

LED 2.25mm   Board 0.55mm

PERFORMANCE	3200K	5600K	Red	Green	Blue
Power per meter[1]	7.2W	7.2W	4.8W	4.8W	4.8W
Brightness[2]	560 lm	580 lm	180 lm	350 lm	70 lm

[1]Typical measurements
[2]Lumens per meter

CE   RoHS   120°   **2** Years Warranty   **5m** Reel   Long Life Span **15,000** Hours   **12** VDC   Cut Into 50mm Segments

FilmStrip

24V Hybrid Tunable-White + RGB Flexible LED Strip

5-in-1 Fully Tunable Color Temperature + RGB

ULTRA HIGH CRI

EXPANDED COLOR RANGE

SPECIFICATIONS	
Part Number	WL-LFS12FX06TWRGBC95-24V
Voltage	24VDC
Power per meter	18W
Brightness per meter	960lm
Dimensions	12 Millimeters x 5 Meters
5-in-1 LED Colors	● 2700K + ○ 6500K + ● RGB
Tunable-White Color Range	Tungsten (Warm-White) to Daylight (Cool-White)
Color Rendering (CRI)	> 95
TM-30 R_f/R_g	92/98
TLCI	97
Operating Temperature	-20° C ~ 50° C
Certifications	CE, RoHS, cULus
Dimensions	12 Millimeters x 5 Meters
LED quantity per meter	60
Cuttable	100mm Segments / 6 LEDs per Segment

- Million colors in one via 5-channel DMX controller
- Easily installed into aluminum channels
- Solderless connectors available
- FX series with expanded color range

Absolute Maximum	2700K	6500K	Red	Green	Blue
Power per meter	7.2W	7.2W	4.8W	4.8W	4.8W

cULus   CE   RoHS   120°   **2** Years Warranty   **5m** Reel   Long Life Span **50,000** Hours   24 VDC   Cut Into 100mm Segments

24V Hybrid Tunable-White + RGB Flexible LED Strip

5-in-1 Fully Tunable Color Temperature + RGB

ULTRA HIGH CRI

SPECIFICATIONS

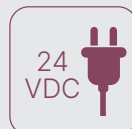|	
Part Number	WL-LFS12F06TWRGBC95-24V
Voltage	24VDC
Dimensions	12 Millimeters x 5 Meters
5-in-1 LED Colors	⬤ 3200K + ◯ 5600K + 🌈 RGB
Color Rendering (CRI)	> 95
TM-30 R_f/R_g	92/100
TLCI	97
Operating Temperature	-20° C ~ 50° C
Certifications	CE, RoHS
Cuttable	100mm Segments / 6 LEDs per Segment

- Million colors in one via 5-channel DMX controller
- Easily installed into aluminum channels
- Solderless connectors available

100mm

12mm

10mm   8mm   12mm

LED 2.25mm   Board 0.55mm

PERFORMANCE	3200K	5600K	Red	Green	Blue
Power per meter[1]	7.2W	7.2W	4.8W	4.8W	4.8W
Brightness[2]	560 lm	580 lm	180 lm	350 lm	70 lm

[1]Typical measurements
[2]Lumens per meter

CE

RoHS

120°

2 Years Warranty

5m Reel

Long Life Span **15,000** Hours

24 VDC

Cut Into 100mm Segments
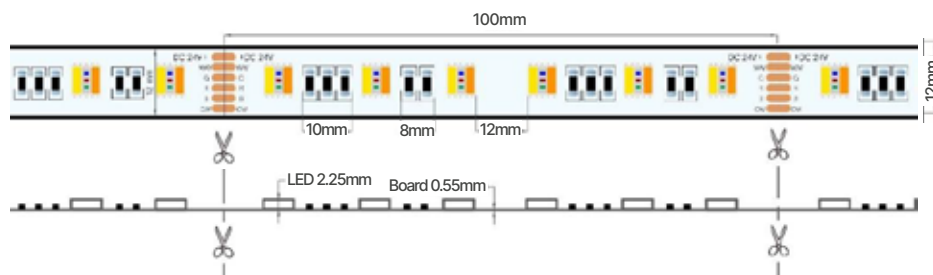
6-Channel DMX Dimmer

Compatible with FilmStrips and most 12V or 24V LED strips

SPECIFICATIONS	
Part Number	WL-LDX06-10UFV
Input Voltage	12VDC / 24VDC
Output Voltage	Matches Input Voltage
Control Channels	6
Max Current per Channel	10A
Max Total Current	60A
Max Wattage	720W(12V) / 1440W(24V)
PWM Frequency	5KHz / 10KHz / 20KHz / 30KHz
DMX Control	8-Bit / 16-Bit
DMX Connection	RJ45 & 5-Pin XLR
Operating Temperature	0° C ~ 70° C
Dimensions	120mm x 105mm x 39mm
Weight	220g

x2 In/Out interfaces with RJ45 and XLR connectors

- Meets DMX512/1990
- LCD display with intuitive user interface to change DMX address, 8-Bit/16-Bit, PWM frequency and manual dimming
- Flicker-free PWM
- Smooth dimming down to 1%
- No DMX required, each channel can be manually set from 0-100%

CE   RoHS

12 VDC   24 VDC

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