



10mm-Wide LED Flexible Path Ribbon Lighting

PLT10-5050-60-0xx



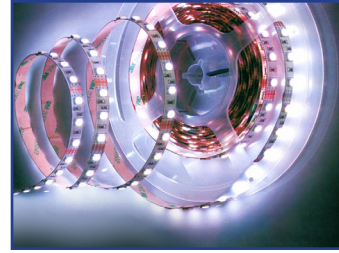
5050 SMD LEDs — 5 Meter Long — 60 LEDs per Meter

IP33 Rating: Water Spray Resistant — 120° Wide Angle Illumination

FEATURES

- **Lamp Warranty:** 1 Year
- **Flexible LED Light Strips:** Continuous Length—Cut to Any Length
- **Wide Beam:** 120-degree Illumination
- **IP33 Rated:** Water Spray-Resistant—Protected from Water Spray
- **Protected** from Tools & Wires Less than 2.5mm
- Path Strip Backed with 3M® Adhesive
- **Long Life:** Colored LEDs Last up to 100,000 Hours, White LEDs up to 50,000 Hours of Continuous Operation
- **Input Voltage:** 12VDC — Runs on Solar Cells, 12V Batteries or 120VAC-to-12VDC Power-Pack Converters
- **Solid-State:** High-Shock & High-Vibration-Resistant
- **Eco-Friendly:** RoHS Compliant

Ideal for Use with Alternate or Renewable Energy Resources – Solar & Wind Power

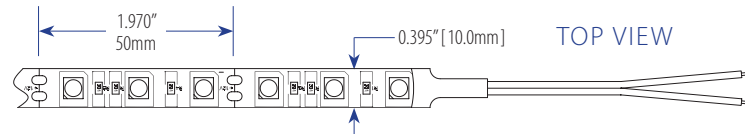


BENEFITS

- Low Power Consumption, High Intensity
- No UV or IR Radiation
- Maintenance Free, Easy Installation
- **Cool Operation:** LEDs Produce Little or No Heat

OPTIONAL ACCESSORIES

- UL Recognized Modular & Wall Socket Power Supplies and LED Drivers
- 12-inch 16-Gauge Wire with Female Coaxial Connector



APPLICATIONS

- Architectural Decorative Lighting
- Canopy & Bridge Edge Lighting
- Amusement Park, Theater & Aircraft Cabin Mood Lighting
- Emergency Hallway Lighting
- Auditorium Walkway Lighting
- Stairway Accent Lighting
- Concealed & Alcove Lighting
- Backlighting for Signage Letters
- Channel Letter Lighting
- Emergency Exit Path

White LED technology is patent protected in the United States. LEDtronics white LED products are covered under these patents.

SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NUMBER	LEDs / METER	INPUT VOLTAGE	MAX WATTS / METER	INPUT CURRENT / METER MAX	LUMENS / METER	EFFICACY	MAX RUN LENGTH	COLOR TEMPERATURE	LED EMITTING COLOR	VIEWING ANGLE*
WHITE COLOR TEMPERATURES										
PLT10-5050-60-0WW	60	12VDC	7.0W	0.58A	900 lm	128 lm/W	16.4 ft (5 m)	2800K~3500K	Warm White	120°
PLT10-5050-60-0PW	60	12VDC	7.0W	0.58A	960 lm	137 lm/W	16.4 ft (5 m)	5500K~6500K	Pure White	120°
COLORED LEDs (*Full Beam Width @ 50% Intensity)										
PART NUMBER	LEDs / METER	INPUT VOLTAGE	MAX WATTS / METER	INPUT CURRENT / METER	LUMENS / METER	EFFICACY	MAX RUN LENGTH	PEAK WAVE λp	LED EMITTING COLOR	VIEWING ANGLE*
PLT10-5050-60-0ER	60	12VDC	7.0W	1.2A	270 lm	19 lm/W	16.4 ft (5 m)	620nm~630nm	Hi-Eff Red	120°
PLT10-5050-60-0PY	60	12VDC	7.0W	1.2A	270 lm	19 lm/W	16.4 ft (5 m)	590nm~595nm	Pure Yellow	120°
PLT10-5050-60-0AG	60	12VDC	7.0W	1.2A	720 lm	50 lm/W	16.4 ft (5 m)	520nm~525nm	Aqua Green	120°
PLT10-5050-60-0PB	60	12VDC	7.0W	1.2A	180 lm	13 lm/W	16.4 ft (5 m)	465nm~470nm	Pure Blue	120°

LEDTRONICS®
Creating the Future of Light Since 1983™

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Outdoor LED Flexible Ribbon Strip Lighting

PLT10-5050-60-0xx-012V-WP



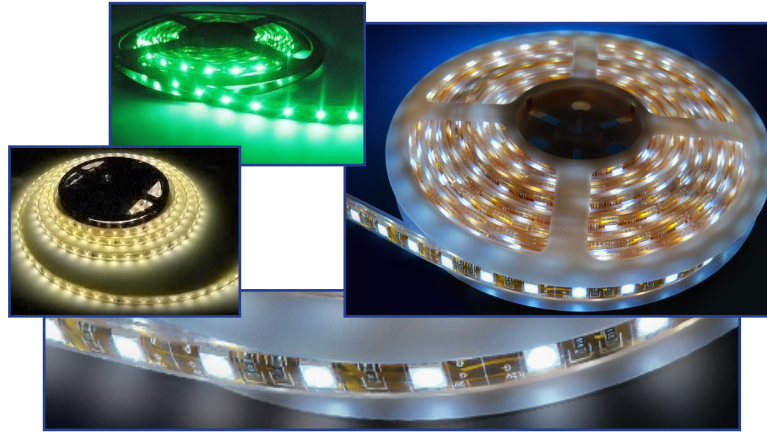
5050 SMD LEDs — 5 Meter Long — 60 LEDs per Meter

Waterproof — 120° Wide Angle Illumination

FEATURES

- **Lamp Warranty:** Whites, 2 Years / Coloreds, 1 Year
- **Flexible LED Light Strips:** Continuous Length—5 Meters per Roll / Can be Cut to Any Length in 5-cm Increments
- **Wide Beam:** 120-degree Illumination
- **Waterproof:** Whites, PVC IP68 Rated / Coloreds, IP44 Rated – Protected from Water Splashed from Any Direction
- **Totally Protected** from Dust Ingress
- Path Strip Backed with 3M® Adhesive
- **Long Life:** Colored LEDs Last up to 100,000 Hours, White LEDs up to 50,000 Hours of Continuous Operation
- **Input Voltage:** 12VDC – Runs on Solar Cells, 12V Batteries or 120VAC-to-12VDC Power-Pack Converters
- **Solid-State:** High-Shock & High-Vibration-Resistant
- **Eco-Friendly:** RoHS Compliant

Ideal for Use with Alternate or Renewable Energy Resources – Solar & Wind Power

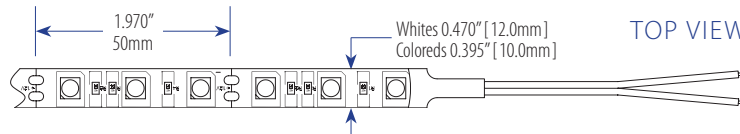


BENEFITS

- Low Power Consumption, High Intensity
- No UV or IR Radiation
- Maintenance Free, Easy Installation
- **Cool Operation:** LEDs Produce Little or No Heat

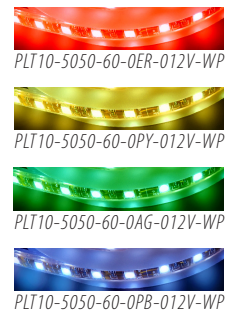
OPTIONAL ACCESSORIES

- UL Recognized Modular & Wall Socket Power Supplies and LED Drivers
- 12-inch 16-Gauge Wire with Female Coaxial Connector



APPLICATIONS

- Cove Lighting
- Architectural Lights for Canopies, Corridors, Windows
- Backlight Or Edge Lighting for Signage
- Do-It-Yourself Home Lighting
- Path & Contour Marking
- Decorative Lights for Holidays, Events, Shows, Exhibitions



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SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NUMBER	LEDs / METER	INPUT VOLTAGE	POWER /5 METER	WORK CURRENT /5 METER	LUMENS /5 METER	EFFICACY /5 METER	MAX RUN LENGTH	COLOR TEMPERATURE	LED EMITTING COLOR	VIEWING ANGLE*
WHITE COLOR TEMPERATURES										
PLT10-5050-60-0WW-012V-WP	60	12VDC	72 W	6A	4800 lm	69 lm/W	16.4 ft (5 m)	2700K~3300K	Warm White	120°
PLT10-5050-60-0PW-012V-WP	60	12VDC	36-42 W	3-3.5A	3500-4000 lm	97~137 lm/W	16.4 ft (5 m)	5500K~6500K	Pure White	120°
COLORED LED s (*Full Beam Width @ 50% Intensity)										
PART NUMBER	LEDs / METER	INPUT VOLTAGE	MAX WATTS /METER	INPUT CURRENT /METER	LUMENS /METER	EFFICACY	MAX RUN LENGTH	PEAK WAVE λp	LED EMITTING COLOR	VIEWING ANGLE*
PLT10-5050-60-0ER-012V-WP	60	12VDC	7.0 W	0.58A	270 lm	18.75 lm/W	16.4 ft (5 m)	620nm~630nm	Hi-Eff Red	120°
PLT10-5050-60-0PY-012V-WP	60	12VDC	7.0 W	0.58A	270 lm	18.75 lm/W	16.4 ft (5 m)	590nm~595nm	Pure Yellow	120°
PLT10-5050-60-0AG-012V-WP	60	12VDC	7.0 W	0.58A	720 lm	50.0 lm/W	16.4 ft (5 m)	520nm~525nm	Aqua Green	120°
PLT10-5050-60-0PB-012V-WP	60	12VDC	7.0 W	0.58A	180 lm	12.5 lm/W	16.4 ft (5 m)	465nm~470nm	Pure Blue	120°

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LOG 408 / Rev 08-2017

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