



Interconnectable White LED Light Strip Illuminator Modules

STP5xxC-xxW-012VW



T1 3/4 (5mm) Standard Dome — Direct Incandescent Replacement — Up to 90% Energy Savings

Operates on 12VDC — 105° Wide Beam Angle — Choice of 6- / 12- / 24-inch Lengths — Warm or True White

FEATURES

- **Lamp Warranty:** 3 Years
- **Minimal Energy Consumption/High Intensity:** Only 1W to 5 Watts per Module
- **Solid-State:** High-Shock & High-Vibration Resistant
- **Long Life:** White LEDs Last up to 50,000 Hours
- **Solid Backing:** Each Strip Backed with 3M™ VHB™ (Very High Bond) Double-Sided Foam Tape
- **Operates on 12-Volt:** Solar-Cell Charged Batteries, 12-Volt Battery or 120-Volt-to-12-Volt Power Pack Converter
- **No Breakage Risk:** Glass-Free



BENEFITS

- **Energy Savings:** Major Reduction in Power Costs
- **Low Maintenance:** Lowers Costs by Reducing Re-lamp Frequency
- **Eco-Friendly:** No Mercury Content, No Lead
- **No Hazardous Emissions:** No UV or IR Radiation — No RF Interference
- **Even Lighting:** High Intensity / No Halation
- **Instant Light:** No Flicker or Delayed Startup Time
- **Cool Operation:** Doesn't Get Hot to the Touch — Minimizes A/C Demand

APPLICATIONS

- Focused Reading and Task Lighting
- Uninterrupted Emergency Lighting
- Concealed Accent Lighting
- Edge Lighting
- Channel Letter Lighting
- Under-Counter Lighting
- Under-Cabinet Lighting in Kitchens

LEDtronics LED light strips used for...



... recessed kitchen cabinet lighting

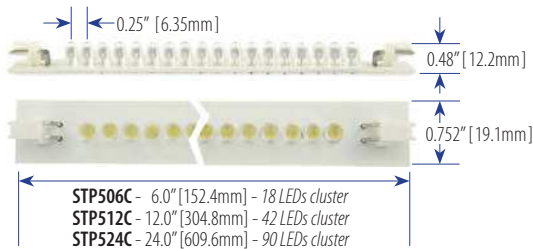


... backlighting floating sconces at Mandalay Bay Place Mall, Las Vegas



... counter lighting at American Airlines Admirals Club, Los Angeles Airport

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



EACH LIGHT STRIP COMES WITH:

- * 1 Module Interconnector CONN-WIRE-STP301-3
- * 2 Light Strip Mounting Bracket Clips MTG-CLIP-STP-002

SUGGESTED MOUNTING



MTG-CLIP-STP-002

- * Velcro
- * Adhesive
- * Bracket
- * Straps

SPECIFICATIONS

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE

PART NUMBER	MODULE LENGTH	MAX MODULES PER 1 AMP	INPUT VOLTAGE	INPUT CURRENT PER MODULE	ENERGY USED PER MODULE	TOTAL LUMENS	MAXIMUM CANDELA	COLOR TEMP.	VIEWING ANGLE*
WARM WHITE (*Full Beam Width @ 50% Intensity)									
STP506C-SIW-012VW	6 in.	11	12VDC	0.090A	1.08 Watts	80 lm	25 cd	2800K~3200K	105°
STP512C-SIW-012VW	12 in.	5	12VDC	0.195A	2.34 Watts	165 lm	59 cd	2800K~3200K	105°
STP524C-SIW-012VW	24 in.	2	12VDC	0.405A	4.86 Watts	410 lm	130 cd	2800K~3200K	105°
TRUE WHITE									
STP506C-TPW-012VW	6 in.	11	12VDC	0.090A	1.08 Watts	133 lm	43 cd	4800K~5200K	105°
STP512C-TPW-012VW	12 in.	5	12VDC	0.195A	2.34 Watts	267 lm	86 cd	4800K~5200K	105°
STP524C-TPW-012VW	24 in.	2	12VDC	0.405A	4.86 Watts	528 lm	171 cd	4800K~5200K	115°

CUSTOM OPTIONS

[For qualified applications & large-quantity OEM orders]

- Special Operating Voltages
- Different Color LEDs: Red, Orange, Yellow, Green, Blue or Other White Color Temperatures

LEDTRONICS®
Creating the Future of Light Since 1983™

© 2012 LEDtronics, Inc.



23105 Kashiwa Court, Torrance, CA 90505
Phone: (800) 579.4875 / (310) 534.1505
Fax: (310) 534.1424
E-mail: info@ledtronics.com
Website: ledtronics.com

www.LEDtronics.com

LOG 23C / Rev.02 -2012

Check LEDTRONICS.COM for latest data. Printed material may be outdated.

STP506C-SIW-012VW

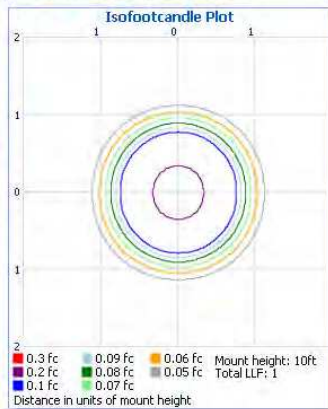
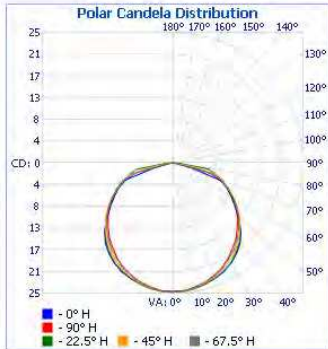
Luminaire Photometric Report

Filename: STP506C-SIW-012VW
Manufacturer: LEDTRONICS
Luminaire: MEASUREMENTS: 1.08W, 12VDC
Luminaire Cat: STP506C-SIW-012VW
Lamp: LUMEN RATING: 80.1Lms.
Lamp Output: 1 lamp(s), rated Lumens/lamp: 80.1
Max Candela: 24.8 at Horizontal: 22.5°, Vertical: 0°
Luminous Opening: Point
Test: 8-10-11

Zone	Lumens	% Lamp	% Luminaire
0-30	19.5	24.4%	24.4%
0-40	32.5	40.6%	40.6%
0-60	59.9	74.8%	74.7%
60-90	20.3	25.3%	25.3%
70-100	8.7	10.8%	10.8%
90-120	0	0%	0%
0-90	80.1	100%	100%
90-180	0	0%	0%
0-180	80.1	100%	100%

Illuminance at a Distance	
Center Beam Fc	Beam Width
1.7ft	8.89 fc 6.3ft
3.3ft	2.22 fc 12.6ft 12.6ft
5.0ft	0.99 fc 18.9ft 18.9ft
6.7ft	0.56 fc 25.2ft 25.2ft
8.3ft	0.36 fc 31.5ft 31.4ft
10.0ft	0.25 fc 37.8ft 37.7ft

Vert. Spread: 124.2° Horiz. Spread: 124.1°



STP512C-SIW-012VW

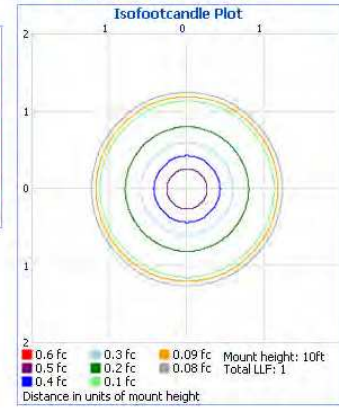
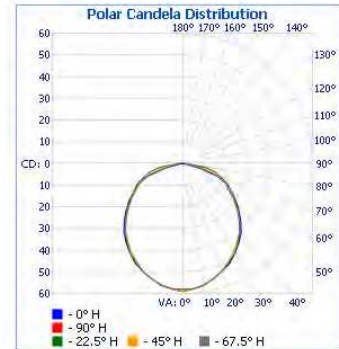
Luminaire Photometric Report

Filename: STP512C-SIW-012VW
Manufacturer: LEDTRONICS
Luminaire: MEASUREMENTS: 2.34W, 12VDC
Luminaire Cat: STP512C-SIW-012VW
Lamp: LUMEN RATING: 165.0Lms.
Lamp Output: 1 lamp(s), rated Lumens/lamp: 165
Max Candela: 59.0 at Horizontal: 0°, Vertical: 0°
Luminous Opening: Point
Test: 8-10-11

Zone	Lumens	% Lamp	% Luminaire
0-30	44.3	26.8%	26.8%
0-40	72.1	43.7%	43.7%
0-60	127.1	77.1%	77.1%
60-90	37.9	22.9%	22.9%
70-100	16.0	9.7%	9.7%
90-120	0	0%	0%
0-90	165.0	100%	100%
90-180	0	0%	0%
0-180	165.0	100%	100%

Illuminance at a Distance	
Center Beam Fc	Beam Width
1.7ft	21.24 fc 4.9ft
3.3ft	5.31 fc 9.7ft 9.3ft
5.0ft	2.36 fc 14.6ft 14.0ft
6.7ft	1.33 fc 19.5ft 18.6ft
8.3ft	0.85 fc 24.4ft 23.3ft
10.0ft	0.59 fc 29.2ft 27.9ft

Vert. Spread: 111.3° Horiz. Spread: 108.8°



STP524C-SIW-012VW

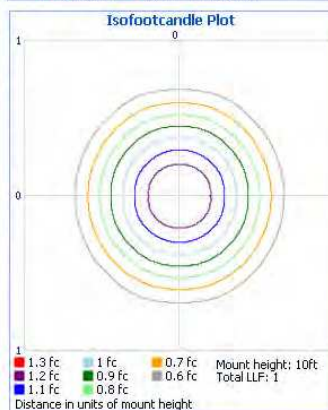
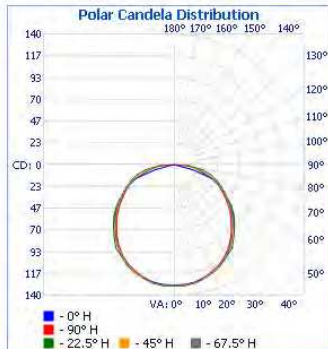
Luminaire Photometric Report

Filename: STP524C-SIW-012VW
Manufacturer: LEDTRONICS
Luminaire: MEASUREMENTS: 4.86W, 12VDC
Luminaire Cat: STP524C-SIW-012VW
Lamp: LUMEN RATING: 410.1Lms.
Lamp Output: 1 lamp(s), rated Lumens/lamp: 410.1
Max Candela: 130.0 at Horizontal: 22.5°, Vertical: 0°
Luminous Opening: Point
Test: 8-10-11

Zone	Lumens	% Lamp	% Luminaire
0-30	102.2	24.9%	24.9%
0-40	168.4	41.1%	41.1%
0-60	302.6	73.8%	73.8%
60-90	107.6	26.2%	26.2%
70-100	53.2	13%	13%
90-120	0	0%	0%
0-90	410.1	100%	100%
90-180	0	0%	0%
0-180	410.1	100%	100%

Illuminance at a Distance	
Center Beam Fc	Beam Width
1.7ft	46.44 fc 5.6ft 5.3ft
3.3ft	11.61 fc 11.3ft 10.6ft
5.0ft	5.16 fc 16.9ft 15.9ft
6.7ft	2.90 fc 22.5ft 21.2ft
8.3ft	1.86 fc 28.1ft 26.4ft
10.0ft	1.29 fc 33.8ft 31.7ft

Vert. Spread: 118.7° Horiz. Spread: 115.6°



POWER SUPPLIES / LED DRIVERS

- UL Recognized (US & Canada) Modular & Wall Socket Power Supplies
- 120VAC-to-12VDC / 1 Amp to 5.2 Amps



- PWR-LP1020-12
20W – 90/264VAC-to-12VDC
- PWR-LP1025-12
25W – 100/277VAC-to-12VDC
- PWR-12VCV-3.33A-PF
40W – 90/264VAC-to-12VDC
- PWR-LP1060-12
60W – 90-264VAC-to-12VDC / 5.0A

- PWR-LP1090-12-001
96W – 90-264/277VAC-to-12VDC / 5.0A
- PLT-1003-301
12W – 120VAC-to-12VDC
- PLT-1003-303
28.8W – 100-240VAC-to-12VDC / 2.4A
- PLT-1003-304
62.4W – 100-240VAC-to-12VDC / 5.2A

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