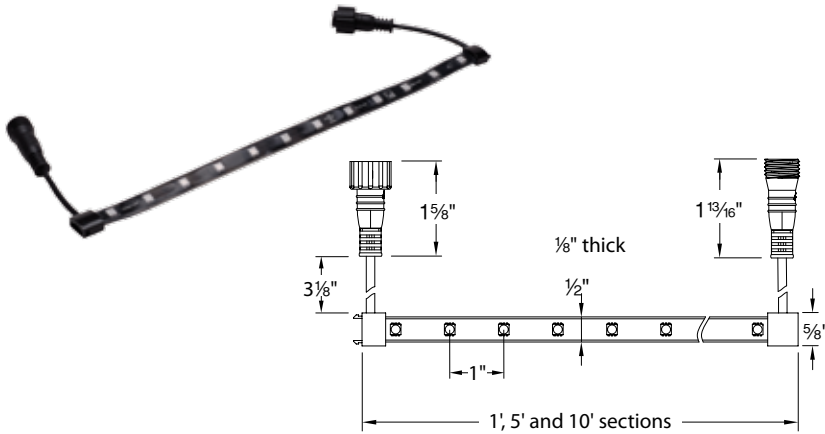# InvisiLED® Palette Outdoor
24V Outdoor Color Changing LED Tape Light

WAC LIGHTING
Responsible Lighting®

Fixture Type:

Catalog Number:

Project:

Location:

1⅝"

1¹³⁄₁₆"

⅛" thick

3⅛"

½"

⅝"

1"

1', 5' and 10' sections

PRODUCT DESCRIPTION

Color changing 24V system for any and all outdoor accent lighting applications. Uses the latest LED technology water sealed in silicone cased tape, while still delivering crisp, quality light and effortless navigation of curves.

FEATURES

- IP-68 rated, allows for submersion up to five feet
- Power supply is UL and CUL listed
- Wet location listed
- DMX controller option (consult factory)
- Select from any color to visibly change an interior design
- Switch to warm 3500K white light with the push of a button
- Ultra thin profile at ⅛"
- Diodes spaced evenly at 1" on center
- Minimum run length of 1' and maximum of 40'
- May be field cut every 2" at the end of a run
- Unique tape section connections ensure even LED spacing and no dark spots
- Four mounting options provided for different surfaces
- 80,000 hour rated life
- 5 year WAC Lighting product warranty

SPECIFICATIONS

Construction: Flexible, silicone sealed tape light. Indicating marks on back for field cutting

Power Supply: Remote electronic Class 2 transformer.
120VAC 50/60Hz input, 24VDC 100W output.

Light Source: 12 LED diodes per foot. Runs on 24V at 1.5W per foot.

Dimming: Dimmable using an LED-TO24-WS wireless controller.

Operating Temperature: -4°F – 122°F (-20°C – 50°C), relative humidity 95%.

Standards: UL & CUL Listed. UL (E204239) wet location certified.

POWER SUPPLY

EN-O24100-RB2-T	24VDC/100W Class 2 LED transformer

CONTROLLERS

LED-TO24-WS	4 function wireless controller
LED-TO24-CM	Master controller
LED-TO24-CS	Slave controller

CONTROLLER COMPONENTS

LED-TO24-IC	Joiner cables
LED-TO24-SW	Master to Slave signal wire
LED-TO24-MW	DMX to Master signal wire

TAPE LIGHT ACCESSORIES

LED-TO24-IC-RGB	RGB Joiner Cable
LED-TO24-X-RGB	4 way "X" connector
LED-TO24-Y-RGB	3 way "Y" connector
LED-TO24-EC	End cap
LED-TO24-C1	Mounting clip 1 (10 per pack)
LED-TO24-C2	Mounting clip 2 (10 per pack)
LED-TO24-C3	Mounting clip 3 (10 per pack)
LED-TO24-CH	Retrofit channel

ORDER NUMBER

Model #	Length		Color
LED-TCO	**1**	*1 foot*	**RGB**
	5	*5 feet*	
	10	*10 feet*	

LED-TCO – ☐ – **RGB**

Example: **LED-TCO-10-RGB**

3500K

Stop at any point
for a custom color effect.

WAC Lighting retains the right to modify the design of our products at any time as part of the company's continuous improvement program. APR 2014

InvisiLED® Palette Outdoor
Power Supplies and Accessories

WAC LIGHTING
Responsible Lighting®

POWER SUPPLY		Model #	Input	Output	Dimensions	Description
Remote Class 2 DC Transformer		**EN-O24100-RB2-T**	120V-277V AC	24V DC/96W	11⁷⁄₁₆″ × 4⅛″ × 1¹⁵⁄₁₆″	6′ lead wire included. Requires a minimum load of 1W. Max run 100W: 40′

CONTROLLERS		Model #	Dimensions	Description
Wireless Palette Controller		**LED-TO24-WS**	4″ × 2½″ × ⅝″	**Wireless connection to Master Controller.** • Use to switch from color changing to white light • Play/Pause the color changing effect • Control the brightness and speed of the color changing effect *Includes 2 AAA batteries.*
Master Controller		**LED-TO24-CM**	4″ × 2″ × 1½″	Powers one run up to 40′. Connects and controls all slave controllers for runs over 40′.
Slave Controller		**LED-TO24-CS**	4″ × 2″ × 1½″	Connects to Master Controller for runs over 40′. Uses a separate 120V power supply. Powers up to another 40′, a new Slave Controller is needed for every 40′ extension.

CONTROLLER COMPONENTS		Model #	Dimensions	Description
Joiner Cable		**LED-TO24-IC6** **LED-TO24-IC12** **LED-TO24-IC72** **LED-TO24-IC120**	6" 12" 72" 120"	Extends distance between Power Supply and Master Controller.
Signal wire		**LED-TO24-SW60** **LED-TO24-SW120**	60″ 120″	Connects Master Controller and Slave Controller.
DMX Signal Wire		**LED-TO24-MW60** **LED-TO24-MW120**	60″ 120″	Connects DMX system to Master Controller.

TAPE LIGHT ACCESSORIES		Model #	Dimensions	Description
RGB Joiner Cable		**LED-TO24-IC6-RGB** **LED-TO24-IC12-RGB** **LED-TO24-IC72-RGB** **LED-TO24-IC120-RGB**	6" 12" 72" 120"	Use to connect two sections of InvisiLED® Outdoor Palette tape.
4-Way "X" Connector		**LED-TO24-X-RGB**	wires: 5" each connectors: ¾" each	"X" connector has one male and three female connectors and can be used to easily customize your design layout.
3-Way "Y" Connector		**LED-TO24-Y-RGB**	wires: 5" each connectors: ¾" each	"Y" connector has one male and two female connectors and can be used to easily customize your design layout.
End cap		**LED-TO24-EC**	⅝" × ⅝" × ⅜"	Use to terminate every run to protect against contaminants. Seal cut end with silicone after adding end cap.
Mounting Clip 1 (10 pack)		**LED-TO24-C1**	1⅛" × ⅜" × ¼"	For installation on non-flat surfaces where there is no edge contact. 2 clips per ft are recommended for straight runs.
Mounting Clip 2 (10 pack)		**LED-TO24-C2**	⅞" × ⅜" × ¼"	For installation on non-flat surfaces, allows for contact on one edge. 2 clips per ft are recommended for straight runs.
Mounting Clip 3 (10 pack)		**LED-TO24-C3**	⅝" × ⅝" × ¼"	For installation on non-flat surfaces, allows for contact on both edges. 2 clips per ft are recommended for straight runs.
Retrofit Channel		**LED-TO24-CH1** **LED-TO24-CH5**	12" × ⅝" × ¼" 60" × ⅝" × ¼"	Rigid, non-flexible channel for mounting to a straight, solid surface.

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