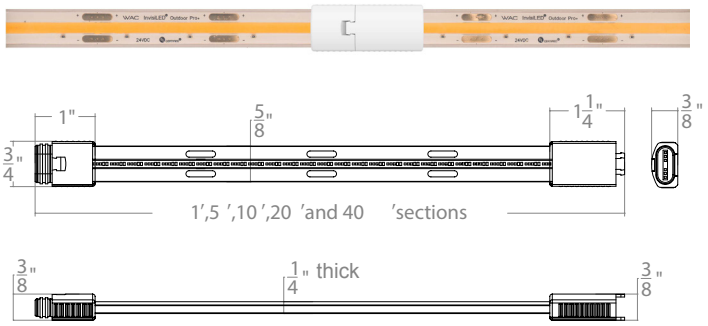
InvisiLED® OUTDOOR Pro+

Wet Rated LED Tape



Fixture Type:

Catalog Number:

Project:

Location:

PRODUCT DESCRIPTION

The IP66 rated COB Static White strip light, with selectable color temperatures of 2700K, 3000K, 3500K, and 4000K, is engineered for exceptional outdoor lighting. Its robust double insulated silicone encasement ensures both moisture protection and installation flexibility. This versatile strip light can be effortlessly controlled either through a standard wall box dimmer (TRIAC/ELV) via power supply for traditional operation or integrated into smart home systems via the WAC outdoor controller for app-based management. It features a modular push-in connector that not only provides a neat and hidden installation within landscape designs but also offers the convenience of adjustable length through a simple plug-and-play system, accommodating any outdoor space with ease and maintaining an aesthetically pleasing look. With a durable lifespan of 50,000 hours, this lighting strip adapts to user preferences and installation needs with seamless sophistication.

FEATURES

- **Weatherproof Resilience:** Boasting a robust wet rating, engineered to maintain vibrancy in rain, snow, or sleet.
- **LED Tape with IP66 Rated Silicone Jacket:** Offers added protection for enhanced durability against challenging outdoor conditions.
- **Radiant White LED Emission:** Specialized white LED chips provide a high-intensity, stable white light output with a Color Rendering Index (CRI) exceeding 90, for precise and authentic color representation in outdoor environments.
- **Dual Control Options:** Manage your LED tape with versatile ease – opt for a TRIAC/ELV dimmer connected through a power supply for refined traditional adjustment, or utilize our Outdoor wireless DMX controller for advanced functionality, granting you the power of DMX control along with mobile app and WallStation connectivity for an integrated, modern lighting solution.
- **Effortless Connectivity:** Our intuitive push-in connectors ensure seamless extending and powering of your LED tape, for hassle-free installation.
- **Smart Compatibility:** Effortlessly sync with the MyWAC app, WallStation, or integrate into your smart home system, including Google Home and Amazon Alexa, using the WAC outdoor controller.
- **Dual Luminosity & Custom Lengths:** Select from 100 or 200 lumens per foot LED tapes available in spools from 1ft to 20ft for both luminosities, with exclusive lengths of 30ft for 200 lm/ft and 40ft for 100 lm/ft, for versatile and precise lighting solutions.
- **Customizable Length:** Tailor the LED tape to your desired size with the ability to cut it every 2 inches and seal the ends with our convenient End Cap accessories

TAPE SELECTIONS

System		Power	Length (in feet)					Color Temp	Finish
T24-OD1 **T24-OD2**	*100+lm/ft* *200+lm/ft*	*1.2W/ft* *2.3W/ft*	**01** **01**	**05** **05**	**10** **10**	**20** **20**	**40** **30**	**27P** *2700K* **30P** *3000K* **35P** *3500K* **40P** *4000K*	*White*

Example: **T24-OD1-20-30P**

SPECIFICATIONS

Construction: Flexible strip light in silicon tube
Cutting Interval: 2"
Input: 24VDC
Max Power ~ 1.2 W/ft @100 lm/ft
~ 2.3 W/ft @200 lm/ft
Lumens: 100 & 200 lm/ft
Max Run: Refer to table below
Controls: Wireless: Through T24-OD-CTR Outdoor Wireless DMX Controller
Wired: Through Std. Power Supply
Dimming: Through wall controller: LED-WCT-WT, and MyWAC app, DMX 512-A, Smart Home assistant (Google Home, Amazon Alexa)
CRI: 90+ (White Light)
McAdams Steps: 3
Color Temp: 2700K/3000K/3500K/4000K
Rated Life: 50,000 hours
Operating Temp: -4°F to 104°F (-20°C to 40°C)
Standards: UL & cUL listed, Wet Location listed, Title 24 Compliant
IP Rating: IP66

Total Length of Lead Wire from Power Supply/ Controller to Tape	Max Run Length			
	100 lm/ft		200 lm/ft	
	TRIAC/ELV Dimming: Power Supply	Wireless Control: Power Supply + Wireless DMX Controller	TRIAC/ELV Dimming: Power Supply	Wireless Control: Power Supply + Wireless DMX Controller
3 FT	40ft	40ft	30ft	30ft
9 FT	40ft	40ft	30ft	26ft
12 FT	40ft	38ft	26ft	22ft
18 FT	33ft	29ft	20ft	17ft
24 FT	26ft	24ft	16ft	14ft
30 FT	22ft	20ft	13ft	12ft
40 FT	17ft	16ft	10ft	9ft

Note: Calculation based on 6 ft. lead wire between Power Supply and controller

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

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ACCESSORIES

	MODEL	Finish		
	T24-OD-IC6-WT	*White*	*6 in*	Joiner Cable *Connects between tape sections,* *Extends power supply lead wire*
	T24-OD-IC12-WT		*1 ft*	
	T24-OD-IC72-WT		*6 ft*	
	T24-OD-IC120-WT		*10 ft*	
	T24-OD-EC-WT	*White*		*End Cap*
	T24-OD-CH5-CL	*Clear*	*5 ft*	*Clear Mounted Channel*
	T24-OD-Y-WT	*White*		*Y Connector* 3 - Ways extension
	T24-OD-X-WT	*White*		*X Connector* 4 - Ways extension
	T24-OD-C1-WT	*White*		*Surface Mount Clips* 10 pcs/pack
	T24-OD-C2-WT	*White*		*Edge Mounting Clips* *10 pcs/pack*
	T24-OD-C3-WT	*White*		*Underside Mounting Clips* *10 pcs/pack*
	T24-OD-SW60	*Black*	*5 ft*	*DMX Joiner Cable - Satellite* *Connect between T24-OD-CTR Master to Satellite*
	T24-OD-SW120		*10 ft*	
	T24-OD-MW60	*Black*	*5 ft*	*DMX Joiner Cable* *Connect between DMX Universe to T24-OD-CTR*
	T24-OD-MW120		*10 ft*	

POWER SUPPLY

	MODEL	Input	Output	Dimming	Dimension	
	PS-24DC-U96R-IP67	120/277VAC	*24VDC, 96W* *6ft output long*	*TRIAC/ELV*	*8 ⅜" x 2 ¹³⁄₁₆" x 1 ¹¹⁄₁₆"*	*Remote Power Supply - Wet Location* *IP67* *Class 2 Output Power Supply*
	PS-24DC-U96R-IP45	120/277VAC	*24VDC, 96W* *6ft output long*	*TRIAC/ELV*	*8 ¹³⁄₁₆" x 2 ⅛" x 1 ¼"*	*Remote Power Supply - Damp Location* *IP45* *Class 2 Output Power Supply*
	PS-24DC-A96P-OD	120VAC	*24VDC, 96W* *6ft output long*	*No Dimming*	*8 ⅜" x 2 ¹³⁄₁₆" x 1 ¹¹⁄₁₆"*	*Portable Power Supply - Wet Location* *IP67* *Class 2 Output Power Supply*

Important Dimming Notice: Must select either the Outdoor Wireless DMX Controller (T24-OD-CTR) for wireless operation or a TRIAC/ELV dimmer for dimming capabilities. Please be aware that these control options cannot be used simultaneously—the LED tape cannot be dimmed using both the TRIAC/ELV dimmer and wirelessly from the mobile app or WallStation. Choose one method to ensure optimal functionality and avoid operational conflicts.

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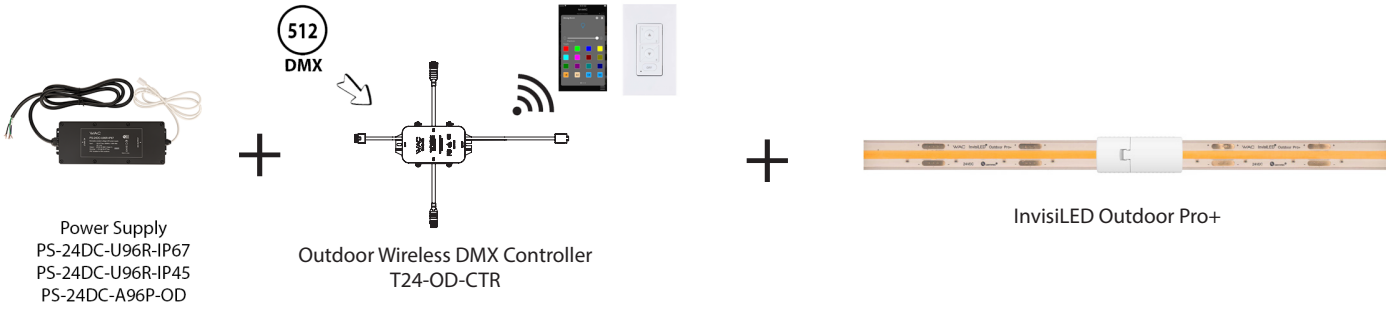
CONTROLLER

	MODEL	Input	Output	Dimension	
	T24-OD-CTR	24VDC, 96W Max from power supply 6" input cable included	*24VDC, 90W Max 3ft output cable included*	*5" x 3 ½" x 1 ½"*	*Outdoor Wireless DMX Controller* *Allows outdoor tape to be wirelessly controlled through MyWAC app, WallStation, or DMX.* *- IP65 wet rated* **Wi-Fi network is required to operate the system*
	LED-WCT-WT	120-230VAC	*N/A*	*4 ⅝" x 2 ¾" x 1 ⅝"*	*WallStation* *- Multi-scene selection* *- Raise/Lower, dedicated Off button* *- Suitable for standard single NEMA wall box* *Setup and configuration via MyWAC mobile application* *- no physical adjustment needed* *- cUL listed*

WIRING DIAGRAM

Control Through Outdoor Wireless DMX Controller



Power Supply
PS-24DC-U96R-IP67
PS-24DC-U96R-IP45
PS-24DC-A96P-OD

Outdoor Wireless DMX Controller
T24-OD-CTR

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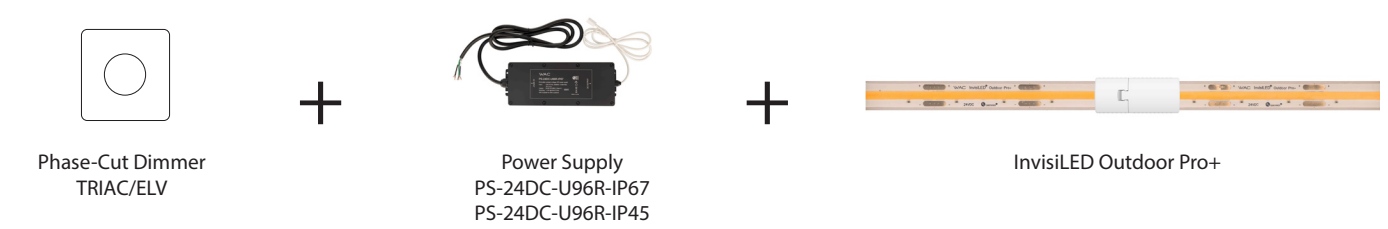
Control Through TRIAC/ELV Dimmer



Phase-Cut Dimmer
TRIAC/ELV

Power Supply
PS-24DC-U96R-IP67
PS-24DC-U96R-IP45

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