24V | TRULUX Specialty Submersible

AMERICAN LIGHTING
BRIGHT IDEAS · INNOVATIVE SOLUTIONS

PROJECT:	TYPE:
LOCATION:	CAT:

Description
Economical and versatile wet location tape light in either single color white (300K or 4000K) or RGB options

Features
- Submersible (IP68) rating
- Cuttable once per reel; maintaines IP68 rating when all ends are sealed with IP68 end caps and silicone
- Linking accessories, controllers, receivers, power supplies, and extrusions are available for Trulux tape light (sold separately)

Mounting
Mounting clips

Applications
Task or accent lighting, edge lighting, cabinetry, shelving, coves, staircases, toe kicks, railings, display cases
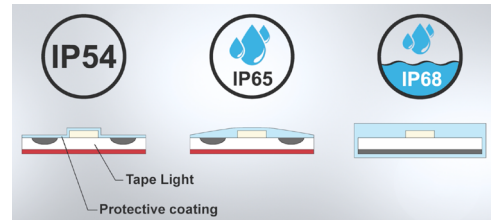
Technical Information

DIMMABLE   c(UL)us LISTED

IP Rating	IP68		IP68 (void if cut)
Voltage	24V DC		24V DC
CCT	3000K	4000K	3-in-1 RGB
CRI	94+		N/A
Wattage	4.6W/ft		4.6W/ft
Lumens	220Lm/ft	240Lm/ft	N/A
Max Run	22ft		16.4ft
Cutting	3.94" (Once per reel - must be sealed with IP68 end caps and silicone		
Dimming	Trulux controllers or most low-voltage electronic dimmers / ELV Drivers		
LED Type	LEDs spaced every 0.63"		
Beam	120°		
Operating Temp	5°C (41°F) to 70°C (158°F)		
Ambient Temp	-20°C (-4°F) to 40°C (104°F)		
Rating	cULus Listed, wet location		cULus Listed, wet location
Rated Life	50,000 Hours		

Dimensions: **IP68 Submersible:** 3000K/4000K
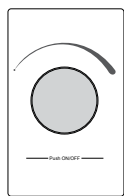4.5mm (3/16")H
12.5mm (1/2")W

Dimensions: **IP68 Submersible:** RGB
6mm (1/4")H
12.5mm (1/2")W

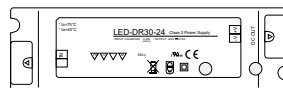IP54   IP65   IP68

Tape Light
Protective coating

When using standard snap connectors, it is recommended to scrape off the coating from each conductor to ensure a proper connection. When using heavy duty snap connectors, this is only necessary for IP65 and IP68 types.
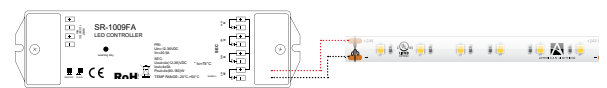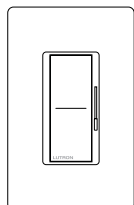
BASIC TRULUX CONTROL SYSTEM

Trulux Controller   +   LED-DR 24V Driver (30W, 60W, 100W, 150W)   +   Trulux RF Receiver (Required)

NON-TRULUX CONTROL SYSTEM

Standard Dimmer   +   ELV 24V Driver (30W, 45W, 60W, 80W)

Trulux Single Color Control Options

Image	Part Number	Description
		Trulux Controllers
	SRF-BATT	Trulux Single Color Radio Frequency Control; Push Dial Wall Mount; Single zone; Battery operated (CR2032 included); Requires the use of a Trulux Radio Frequency receiver
	SRF-4Z-3P	Trulux Single Color Radio Frequency Control; Touch Slider Wall Mount; 1-4 zones; 12V/24V DC input; Requires the use of a Trulux Radio Frequency receiver
	Trulux App	Trulux Mobile Application; Mobile Phone or Tablet ready, interactive dial controls; Available on Google Play or the App Store; Requires the TruHub (RF-WiFi-8) router and receivers (REC-5A-4Z) for 2-8 zones or the RF + WiFi receiver (REC-5A-4Z-WiFi) for single zone applications
		Trulux Receivers
	REC-5A-4Z	Trulux Radio Frequency Receiver; Sync multiple receivers to a single control; 4 x (60-180W) 5A per channel; 12V/24V DC input; For use with Trulux Radio Frequency control or Trulux TruHub plus Trulux App
	REC-5A-4Z-WIFI	Trulux Radio Frequency + WiFi Receiver; Sync multiple receivers to a single control; 4 x (60-180W) 5A per channel; 12V/24V DC input; For use with Trulux Radio Frequency Control or Trulux App
	WIFI-RF-8	TruHub WiFi Hub Control; converts WiFi to RF for 2-8 zones; For use with REC-5A-4Z and Trulux App

Trulux RGB Control Options

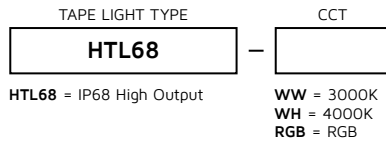| Image	Part Number	Description
		Trulux Controllers
	RF-RGBW-3Z	Trulux RGB+WW Radio Frequency Control; Touch Slide Wall Mount; 1-3 zones; 12V/24V DC input; Requires the use of a Trulux Radio Frequency receiver
	RF-RGBW-3AAA	Trulux Single Color Radio Frequency Control; Handheld Remote; 1-8 zones; Battery operated (3xAAA not included); Requires the use of a Trulux Radio Frequency receiver
	RF-RGBW-USB	Trulux Single Color Radio Frequency Control; Handheld Remote; 1-8 zones; Battery operated (USB Rechargeable); Requires the use of a Trulux Radio Frequency receiver
	Trulux App	Trulux Mobile Application; Mobile Phone or Tablet ready, interactive dial controls; Available on Google Play or the App Store; Requires the TruHub (RF-WiFi-8) router and receivers (REC-5A-4Z) for 2-8 zones or the RF + WiFi receiver (REC-5A-4Z-WiFi) for single zone applications
	DMX-2-2	Trulux RGB DMX Control; Touch Slide Wall Mount; 12V/24V DC input; 2+2 zones; Requires the use of a Trulux DMX receiver
	DMX-3Z	Trulux RGB DMX Control; Touch Slide Wall Mount; 12V/24V DC input; 1-3 zones; Requires the use of a Trulux DMX receiver
	DMX-1Z-3P	Trulux RGB DMX Control; Touch Slide Wall Mount; 12V/24V DC input; single zone; Requires the use of a Trulux DMX receiver
		Trulux Receivers
	REC-5A-4Z	Trulux Radio Frequency Receiver; Sync multiple receivers to a single control; 4 x (60-180W) 5A per channel; 12V/24V DC input; For use with Trulux Radio Frequency control or Trulux TruHub plus Trulux App
	REC-5A-4Z-WIFI	Trulux Radio Frequency + WiFi Receiver; Sync multiple receivers to a single control; 4 x (60-180W) 5A per channel; 12V/24V DC input; For use with Trulux Radio Frequency Control or Trulux App
	WIFI-RF-8	TruHub WiFi Hub Control; converts WiFi to RF for 2-8 zones; For use with REC-5A-4Z and Trulux App
	DMX-5A-4Z-PLUS	Trulux DMX Plus Receiver; 12V/24V DC input; Manual/Auto presets; 1-4 outputs; For use with Trulux DMX Control
	DMX-5A-4Z	Trulux DMX Receiver; 12V/24V DC input; 1-4 outputs; For use with Trulux DMX Control

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Recommended Power Supplies

Part Number	Description	Application	Primary / Secondary	Total Wattage	Listing	Dimensions
For Trulux Controlled Systems						
LED-DR30-24	Constant voltage hardwire driver	Dry location	100-240 AC / 24V DC	30W	cURus	6-1/2"x1-3/4"x1-3/16"
LED-DR60-24	Constant voltage hardwire driver	Dry/Damp location	100-240 AC / 24V DC	60W	cURus	7-13/16"x1-3/4"1-5/8"
LED-DR100-24	Constant voltage hardwire driver	Dry/Wet location	100-240 AC / 24V DC	100W	cURus	7-5/8"x2-1/8"1-1/2"
LED-DR150-24	Constant voltage hardwire driver	Dry/Wet location	100-240 AC / 24V DC	150W	cURus	9"x2-5/8"1-1/2"
For Non-Trulux Controlled Systems						
ELV-30-24	Constant voltage hardwire driver	Dry location	100-130V AC / 24V DC	30W	cETLus	7-1/16"x2-3/8"1-3/8"
ELV-45-24	Constant voltage hardwire driver	Dry location	100-130V AC / 24V DC	45W	cETLus	7-1/16"x2-3/8"1-3/8"
ELV-60J-24	Constant voltage hardwire driver	Wet location	100-130V AC / 24V DC	60W	cETLus	13-3/4"x3-1/16"x2-5/16"
ELV-80J-24	Constant voltage hardwire driver	Wet location	100-130V AC / 24V DC	80W	cETLus	13-3/4"x3-1/16"x2-5/16"

ELV Drivers require 60% minimum load in dimming applications
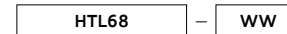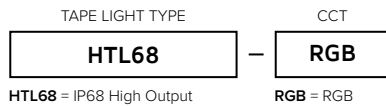
Ordering Information

24V 16.4ft Reels HTL68 Series

TAPE LIGHT TYPE
HTL68
HTL68 = IP68 High Output

CCT
WW = 3000K
WH = 4000K
RGB = RGB

HTL68 (IP68) 16.4ft Reels include:
(1) Female IP68 power connector
(2) IP68 End caps
(1) TL-CLIPS-15 (bag of 15)

Example Part # **HTL68-WW**

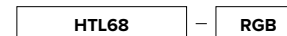| HTL68 | – | WW |

24V 16.4ft Reels HTL68-RGB Series

TAPE LIGHT TYPE
HTL68
HTL68 = IP68 High Output

CCT
RGB
RGB = RGB

HTL68-RGB (IP68) 16.4ft Reels include:
(1) Female IP68 power connector
(1) TL-CLIPS-15 (bag of 15)

Example Part # **HTL68-RGB**

| HTL68 | – | RGB |

Connection Accessories

Image	Part Number	Description
	TL-CLIPS-15	Mounting clips (Bag of 15)
	TL-2JUMP68-10	10ft IP68 Power-to-power jumper (2-wire)
	TL-2JUMP68-20	20ft IP68 Power-to-power jumper (2-wire)
	TL-ENDS65-10	IP68 End Caps (bag of 10)