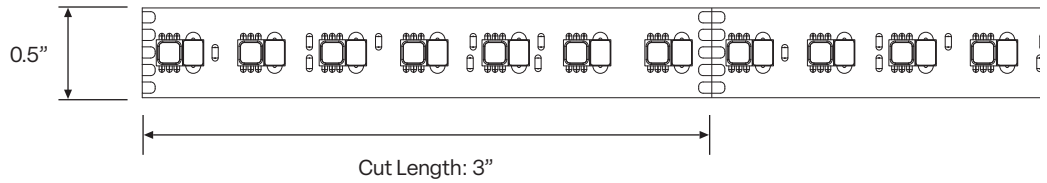




# Inspire RGBW

24V DC Color-Changing LED Tape Light

Fixture Type	
Part Number	
Quantity	
Project Name	
Signature	



## Specifications

Input Power	24V DC
Watts per Foot	6
Max Run Length	16FT (192")
Cut Length	Every 3"
Product Color	White
Max Operating Temp.	-22°F to 140°F (-30°C to 60°C)
Max Ambient Temp.	-4°F to 113°F (-20°C to 45°C)
Beam Angle	120°
Lamp Life	50,000 Hours
Environment	IP20 Indoor (tape light only) IP54 Indoor (with Inspire Channel)
Certifications	UL Listed for The United States and Canada - File # E467147  UL Listed per UL2108 Low Voltage Lighting Systems/CSA C22.2 No. 250.0-08-Luminaires/UL8750  Title 24 JA8 Compliant
Lighting Controls	Casambi (Bluetooth Mesh), DMX
Dimming	Dimmable using Lighting Controls

## Performance

Color	Lumens/FT	Efficacy	CRI	Nanometer
3000K	175	64 lm/W	94+	n/a
RGB+30K	380	63 lm/W	n/a	n/a
RGB White	180	30 lm/W	n/a	n/a
Red	60	10 lm/W	n/a	625
Blue	40	7 lm/W	n/a	472
Green	150	25 lm/W	n/a	529



# Inspire RGBW

24V DC Color-Changing LED Tape Light

Fixture Type	
Part Number	
Quantity	
Project Name	
Signature	

## Specify

Example with Channel: SP1-RGBW-SQ-TFR-WHT-B4-CAS-15FT4IN

Example without Channel: SP1-RGBW-NCH-CAS-15FT4IN

Part Number:

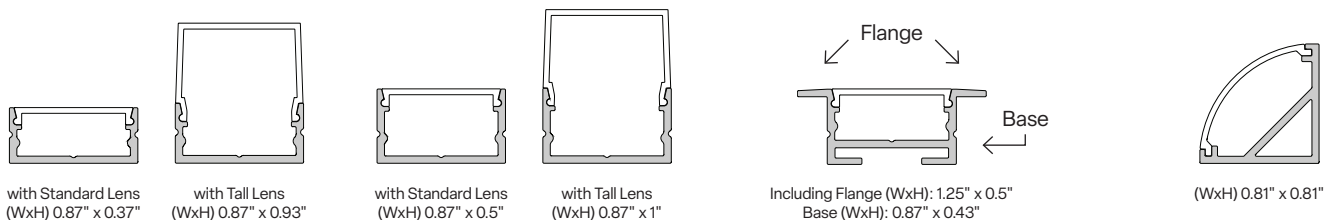
Series	Model	Channel	Lens	Channel Finish	Build Type	Control	Length		
SP1	RGBW	<b>NCH</b> No Channel	Skip these boxes if "NCH" (no channel) is selected.			<b>CAS</b> Casambi Controlled	<b>[INSERT LENGTH]</b>  Example: 15FT4IN		
		<b>SLM</b> Slim	<b>STFR</b> Standard Frosted	<b>SLV</b> Silver	<b>B1</b> Exact Length; Unassembled	<b>DMX</b> DMX			
			<b>STCL</b> Standard Clear					<b>WHT</b> White	<b>B2</b> Optimized Length; Unassembled
			<b>TFR</b> Tall Frosted						
		<b>REC</b> Recessed	<b>STFR</b> Standard Frosted	<b>BRN</b> Brown	<b>B4</b> Optimized Length; Assembled				
			<b>STCL</b> Standard Clear			See below for details			
		<b>ANG</b> Angled	<b>ANGFR</b> Angled Frosted						
			<b>ANGCL</b> Angled Clear						

## Build Type Details

- B1:** Channel cut to the exact length specified. Gaps in light may be visible at each end of the channel. Ships unassembled.
- B2:** Channel cut to the closest length that best fits the LED tape light and eliminates any gaps in light. Actual length may vary based on the LED tape light cut length. Ships unassembled.
- B3:** Channel cut to the exact length specified. Gaps in light may be visible at each end of the channel. Ships assembled if less than 6FT (72"). Channels longer than 6FT (72") must ship unassembled.
- B4:** Channel cut to the closest length that best fits the LED tape light and eliminates any gaps in light. Actual length may vary based on the LED tape light cut length. Ships assembled if less than 6FT (72"). Channels longer than 6FT (72") must ship unassembled.

## Inspire Channel

See above for ordering options. For additional specifications and ordering options, please see the specific Inspire Channel spec sheet.



**Slim Channel**

**Square Channel**

**Recessed Channel**

**Angled Channel**



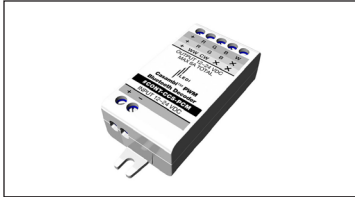
# Inspire RGBW

24V DC Color-Changing LED Tape Light

Fixture Type	
Part Number	
Quantity	
Project Name	
Signature	

## Compatible Lighting Controls

See the specific lighting control spec sheet for specifications. Additional components may be required.



### Casambi PWM Bluetooth Decoder

Installed between the Neon Flex and the LED driver. Communicates wirelessly with the Casambi app and Casambi Wireless Wall Controller.

Part Number	Communication	Compatible LED Driver
CONT-CCS-PCM	Bluetooth Mesh	Electronic 0-10V & Plug-In



### Casambi Wireless Wall Controller

Wall-mounted controller that communicates wirelessly with the Casambi app and Casambi PWM Bluetooth Decoder.

Part Number	Communication	Required Components
CONT-CCS-WSC	Bluetooth Mesh	Casambi PWM Bluetooth Decoder



### Stick 3 Multi-Zone DMX Wall Controller

Wall-mounted controller that controls multiple areas of lighting independently or together.

Part Number	Communication	Required Components
RGB-DMX-CONT-STICK3	DMX	DMX Decoder



### DMX Decoder

Translates a DMX signal. For use with DMX wall controllers.

Part Number	Communication	Required Components
RGB-DMX-DECODER	DMX	DMX Wall Controller



# Inspire RGBW

24V DC Color-Changing LED Tape Light

Fixture Type	
Part Number	
Quantity	
Project Name	
Signature	

## Compatible LED Drivers

See the specific driver spec sheet for specifications.



### Electronic 0-10V Dimmable Drivers

Part Number	Capacity	Class 2	Dimming Type	Input Voltage
DR-60W-24VDC-U-2-10-c	60W	Yes		
DR-100W-24VDC-U-2-10-c	100W	Yes	0-10V	120-277V AC
DR-200W-24VDC-U-2-10-g	(2) 100W	Yes		



### Plug-In Drivers

Part Number	Capacity	Class 2	Dimmable	Input Voltage
DR-36W-24VDC-120V-2-ND-e	30W	Yes		
DR-96W-24VDC-120V-2-ND-e	96W	Yes	No	120-240V AC
DR-144W-24VDC-120V-1-ND-e	144W	No		