



Inspire LightLine COB RGB 5.5

Chip-On-Board LED Tape Light

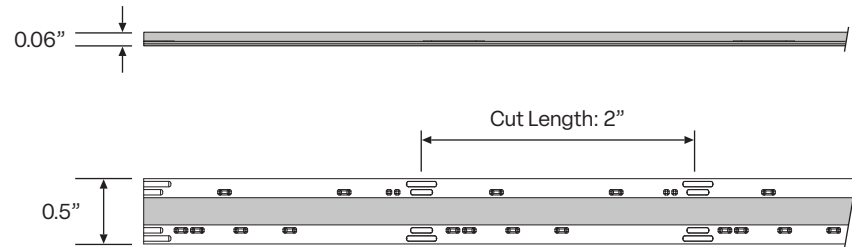
Fixture Type

Part Number

Quantity

Project Name

Signature



Specifications

Input Power	24V DC
Watts per Foot	5.5
Max Run Length	16.5FT (198")
Cut Length	Every 2"
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, and RF (Radio Frequency)
Dimming	Dimmable using Lighting Controls

Performance

Color	Lumens/FT	Efficacy	Nanometer
RGB White	135	25	487
Red	25	5	621
Blue	90	16	473
Green	22	4	525



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Specify

Example with Channel: CB1-55-RGB-SQ-TFR-WHT-B4-CAS-15FT4IN
 Example without Channel: CB1-55-RGB-NCH-CAS-15FT4IN

Part Number: _____

Series	Model	Color	Channel	Lens	Channel Finish	Build Type	Dimming & Control	Length
CB1	55	RGB	NCH No Channel	Skip these boxes if "NCH" (no channel) is selected.			CAS Casambi Controlled	[INSERT LENGTH] Example: 15FT4IN
			SLM Slim	STFR Standard Frosted	SLV Silver	B1 Exact Length; Unassembled	DMX DMX	
			SQ Square	STCL Standard Clear	WHT White	B2 Optimized Length; Unassembled	RF Radio Frequency	
				TFR Tall Frosted	BLK Black	B3 Exact Length; Assembled		
			REC Recessed	STFR Standard Frosted	BRN Brown	B4 Optimized Length; Assembled		
				STCL Standard Clear		See below for details		
			ANG Angled	ANGFR Angled Frosted				
				ANGCL 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.

Quickship Products

Products available to ship within 48-hours (excluding weekends and holidays).

Part Number	Description
CB1-55-RGB-16.5	16.5FT roll of RGB Inspire LightLine COB 5.5.



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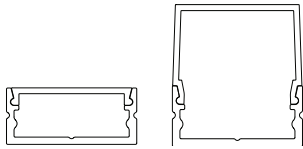
Quantity

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Inspire Channel

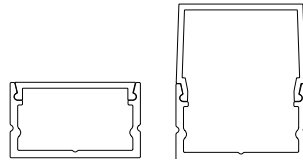
See pg. 2 for ordering options. For additional specifications and ordering options, please see the specific Inspire Channel spec sheet.



with Standard Lens
(WxH) 0.87" x 0.37"

with Tall Lens
(WxH) 0.87" x 0.93"

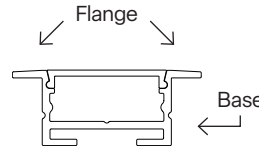
Slim Channel



with Standard Lens
(WxH) 0.87" x 0.5"

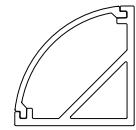
with Tall Lens
(WxH) 0.87" x 1"

Square Channel



Including Flange (WxH): 1.25" x 0.5"
Base (WxH): 0.87" x 0.43"

Recessed Channel



(WxH) 0.81" x 0.81"

Angled Channel

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	0-10V	120-277V AC
DR-100W-24VDC-U-2-10-c	100W	Yes		
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	No	120-240V AC
DR-96W-24VDC-120V-2-ND-e	96W	Yes		
DR-144W-24VDC-120V-1-ND-e	144W	No		



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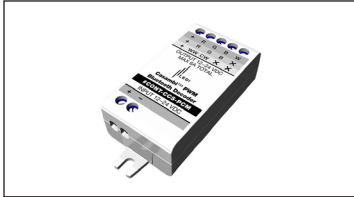
Quantity

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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



Stick CW4 Single-Zone DMX Wall Controller

Wall-mounted controller that controls multiple areas of lighting 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.

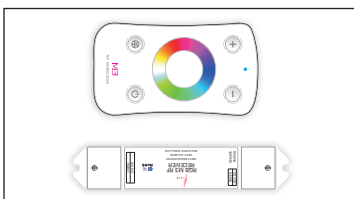
Part Number	Communication	Required Components
RGB-DMX-DECODER	DMX	DMX Wall Controller



T3M Multi-Zone Controller System

Handheld RF controller that controls multiple areas of lighting independently or together.

Part Number	Type	Communication
RGB-RF-AMP-T3M	Handheld Controller	RF (radio frequency)
RGB-RF-CONT-T3M	Amplifier	RF (radio frequency)



M3 Single-Zone Controller

Handheld RF controller that controls multiple areas of lighting together.

Part Number	Type	Communication
RGB-RF-CONT-M3	Handheld Controller & Amplifier	RF (radio frequency)