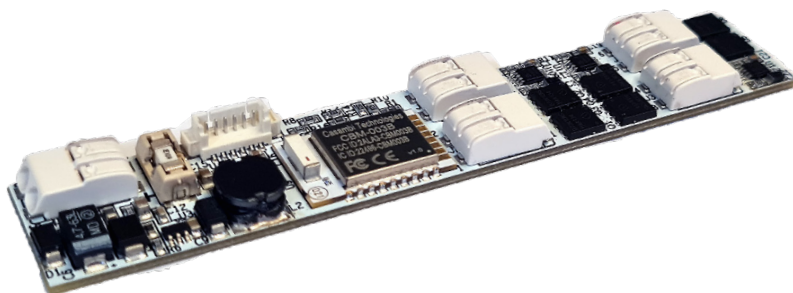# DIMMER CASAMBI 6 CH

Through this device it is possible to adjust the luminous brightness thanks to a command available on "CASAMBI APP".

Download the free Casambi APP on APP STORE and GOOGLE PLAY

RoHS CE

Technical Specification

	Constant Voltage	
Channels	6	
Supply voltage	DC min 12 Vdc .. max 48 Vdc	
Input current	max 9 A	
Output voltage	= Vin	
Output current	max 9 A/ch	max 9 A total
Nominal Power Maximum value, depends on the ventilation conditions.	@12V 108 W max	@48V 432 W max
D-PWM dimming frequency	1000 Hz	
D-PWM resolution	1000 step	
Operating frequencies	2,400...2,483 GHz	
Maximum output power	4dBm (60 m open air)	
Storage temperature	min: -40°C max: +60°C	
Ambient temperature	min: -10°C max: +40°C	
Protection grade	IP20 (indoor use only)	
Wiring	0,2 - 0,75 mm² (24 to 18 AWG)	
Dimension	19x108x6 mm	
Fixing	Biadhesive	

Dimension - Full scale 1:1

108

19

(Channels in GREEN)

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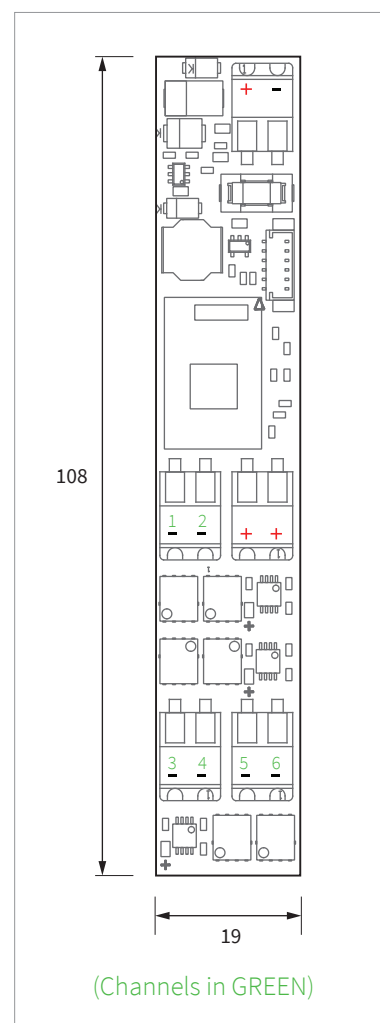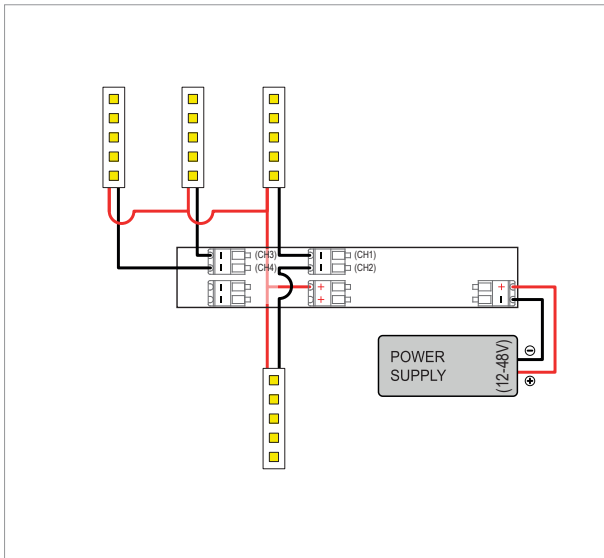
Installation: 4 Channels

Channel Assignment	
Channel 1	CH1
Channel 2	CH2
Channel 3	CH3
Channel 4	CH4
Channel 5	---
Channel 6	---
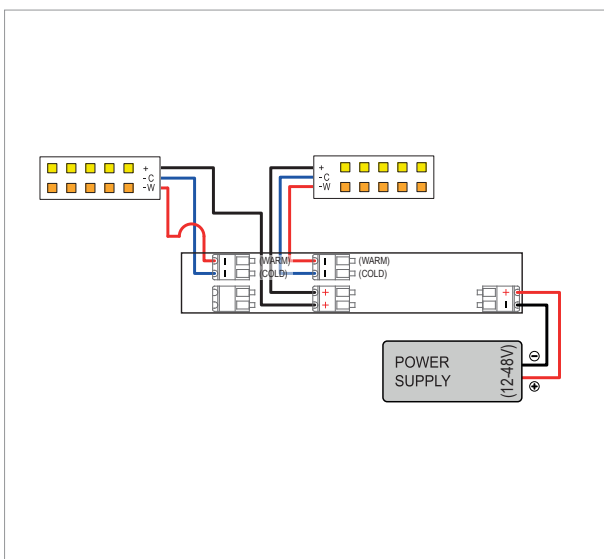
Installation: TW + TW 3 wires

Channel Assignment	
Channel 1	WARM 1
Channel 2	COLD 1
Channel 3	WARM 2
Channel 4	COLD 2
Channel 5	---
Channel 6	---
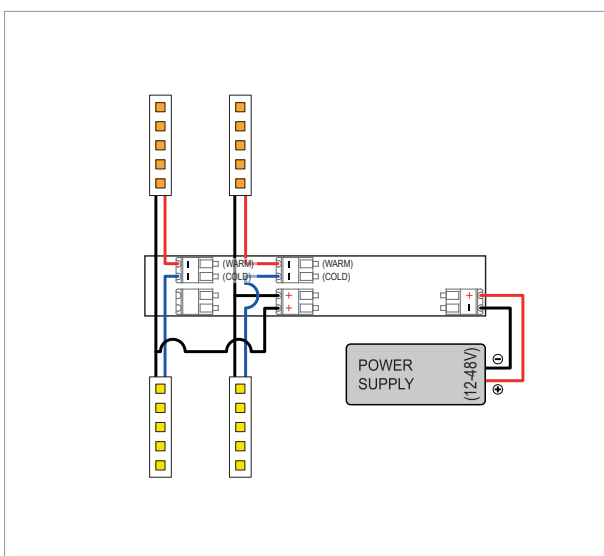
Installation: TW + TW 4 wires

Channel Assignment	
Channel 1	WARM 1
Channel 2	COLD 1
Channel 3	WARM 2
Channel 4	COLD 2
Channel 5	---
Channel 6	---

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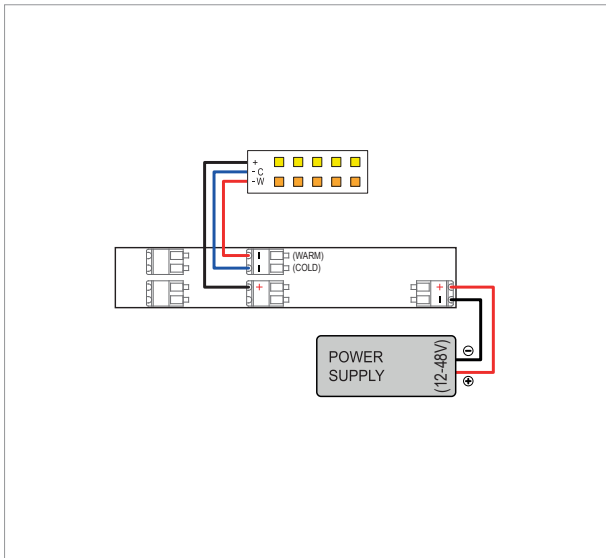
Installation: Dimmer TW 3 wires

Channel Assignment	
Channel 1	WARM
Channel 2	COLD
Channel 3	---
Channel 4	---
Channel 5	---
Channel 6	---
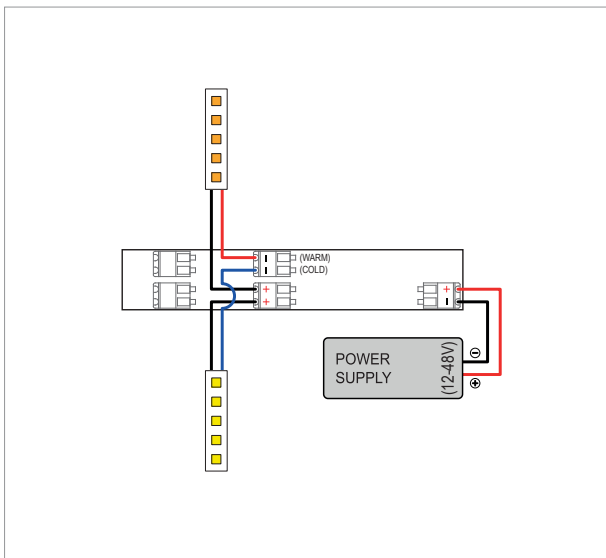
Installation: Dimmer TW 4 wires

Channel Assignment	
Channel 1	WARM
Channel 2	COLD
Channel 3	---
Channel 4	---
Channel 5	---
Channel 6	---
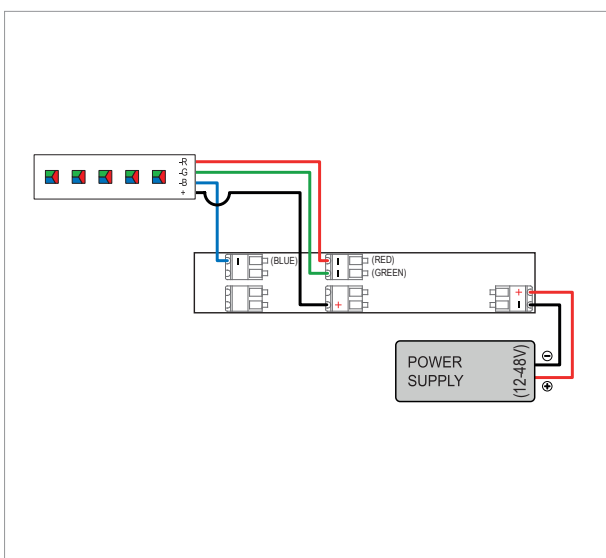
Installation: RGB

Channel Assignment	
Channel 1	R
Channel 2	G
Channel 3	B
Channel 4	---
Channel 5	---
Channel 6	---

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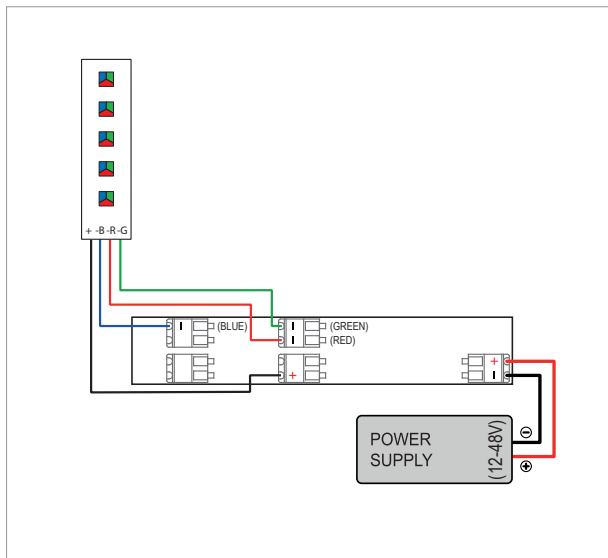
Installation: RGB + TW 3 Channels

Channel Assignment	
Channel 1	R
Channel 2	G
Channel 3	B
Channel 4	---
Channel 5	---
Channel 6	---
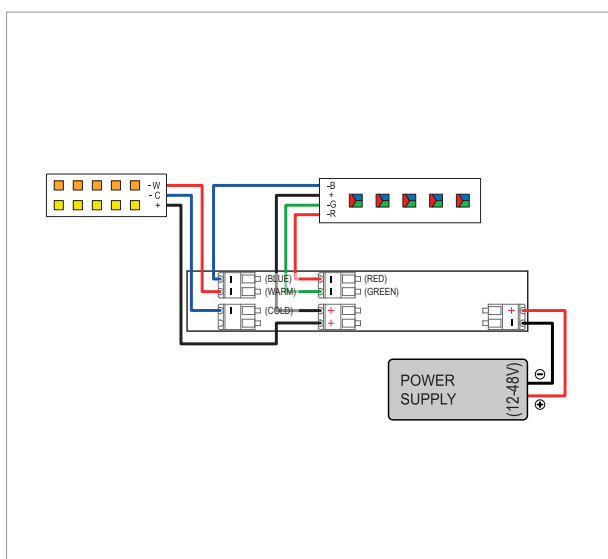
Installation: RGB + TW 5 Channels

Channel Assignment	
Channel 1	R
Channel 2	G
Channel 3	B
Channel 4	WARM
Channel 5	COLD
Channel 6	---
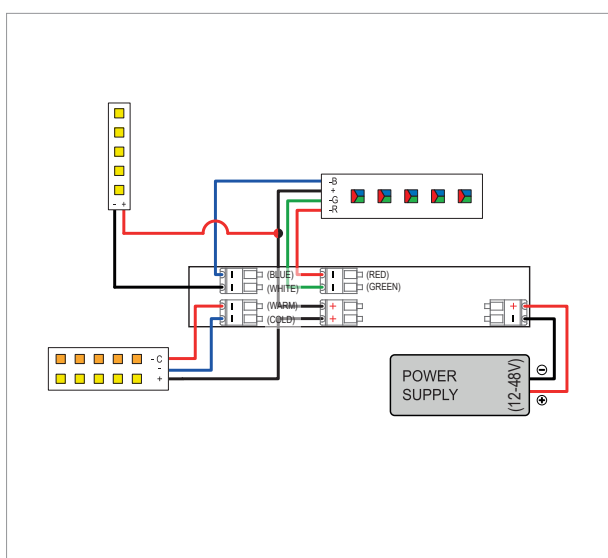
Installation: RGB/W + TW 6 Channels

Channel Assignment	
Channel 1	R
Channel 2	G
Channel 3	B
Channel 4	W
Channel 5	WARM
Channel 6	COLD

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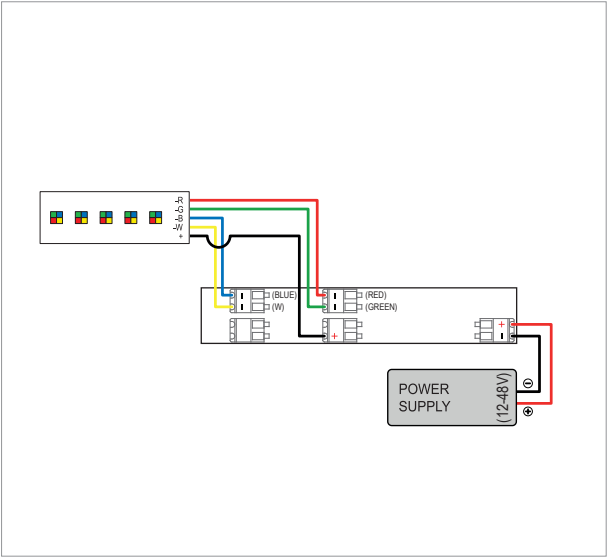
Installation: RGB/W

Channel Assignment	
Channel 1	R
Channel 2	G
Channel 3	B
Channel 4	W
Channel 5	---
Channel 6	---

Within the diagram:
- (BLUE)
- (W)
- (RED)
- (GREEN)
- POWER SUPPLY (12-48V)

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