

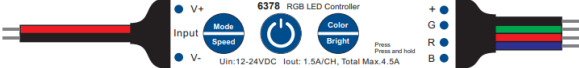
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FC  CE RoHS  LVD

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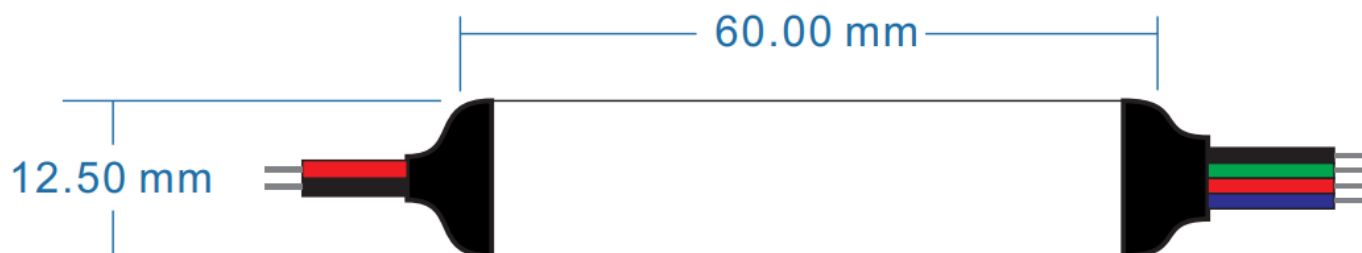
Model List

Model	Photo	Power Connector	LED Connector
6378		Red/Black Cable 10cm	4-color Flat Cable 10cm

Features

- 3 channel constant voltage RGB LED mini controller.
- 3 key operation with on/off, mode and color adjustment.
- 1.5A per channel, output connect with 5 meters RGB LED strip.
- 256 levels 0-100% dimming smoothly without any flash.
- Built in 10 dynamic mode, include jump or gradual change style.

Dimension



Technical Parameters

Input and Output	
Input voltage	12-24VDC
Output voltage	12-24VDC
Output current	1.5A/CH, Total Max. 4.5A
Output type	Constant voltage

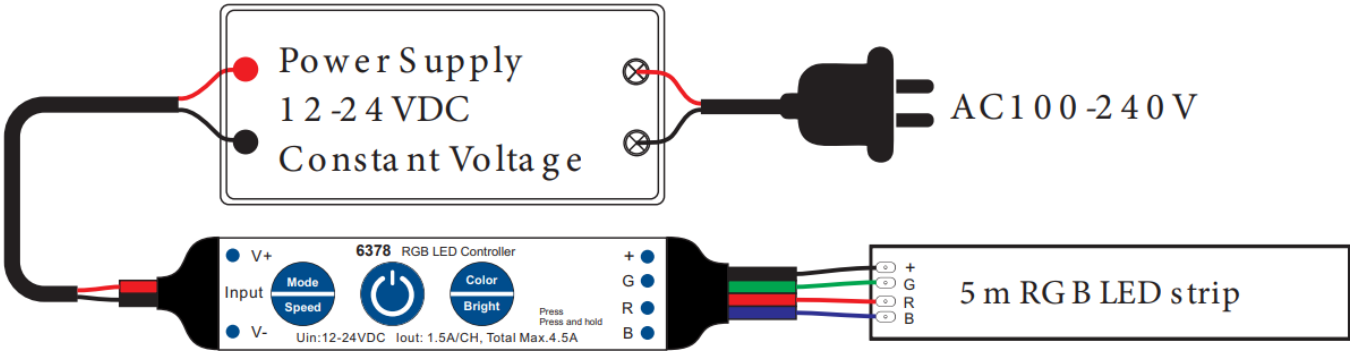
Environment	
Operation temperature	Ta: -30 OC ~ +55 OC
Case temperature (Max.)	T c: +85OC
IP rating	IP20

Warranty and Protection	
Warranty	3 years
Protection	Reverse polarity Over heat

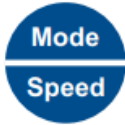
Dimming data	
Dimming level	256 levels
Dimming range	0 -100%
Dimming curve	Linear
PWM Frequency	750Hz (default)

Safety and EMC	
EMC standard (EMC)	EN301 489,EN 62479
Safety standard(LVD)	EN60950
Certification	CE,EMC,LVD

Wiring Diagram



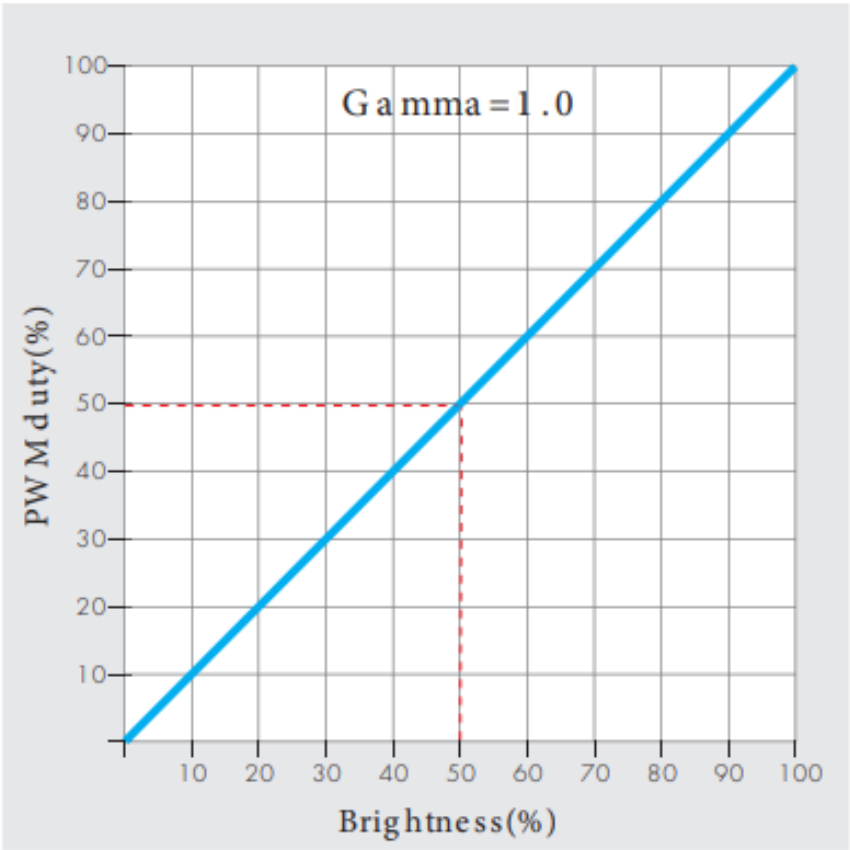
Key Function

	Turn on or off light
	Short press change 10 dynamic mode, Long press 2s adjust speed, 10 levels.
	Short press change 24 static RGB color, Long press 1-6s for continuous 256 levels brightness adjustment.

RGB dynamic mode list

No.	Name	No.	Name
1	RGB jump	6	RGB fade in and out
2	RGB smooth	7	Red fade in and out
3	6 color jump	8	Green fade in and out
4	6 color smooth	9	Blue fade in and out
5	Yellow cyan purple smooth	10	White fade in and out

Dimming Curve



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Documents / Resources

	OPTONICA SKU-6378 3-Key RGB LED Mini Controller without remote function [pdf] User Manual SKU-6378 3-Key RGB LED Mini Controller without remote function, SKU-6378, 3-Key RGB LED Mini Controller without remote function, SKU-6378 LED Mini Controller without remote function, SKU-6378 Mini Controller without remote function, SKU-6378 remote function
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