

BL05 G – LED STICK G TYPE



INTRODUCTION

Wamco LED Stick series **BL05-G** is a linear lighting system for interior applications such as path, cove, shelf, and display case lighting. **BL05-G** uses RGB full color technology allowing for smooth color changing effects. **BL05-G** has 4 length options: 300mm, 600mm, 900mm and 1200mm. **BL05-G** provides many advantages including brilliant light output, significant energy savings, and reduced maintenance costs.



FEATURES

- RGB full color for dramatic color changing
- Attached by 3M adhesive tape
- 4 length options
- Safety due to low voltage operation (24VDC)
- 3 year warranty



APPLICATIONS

- Path and cove lighting
- Shelf and display case lighting

CERTIFICATIONS

- CE, RoHS



SPECIFICATIONS

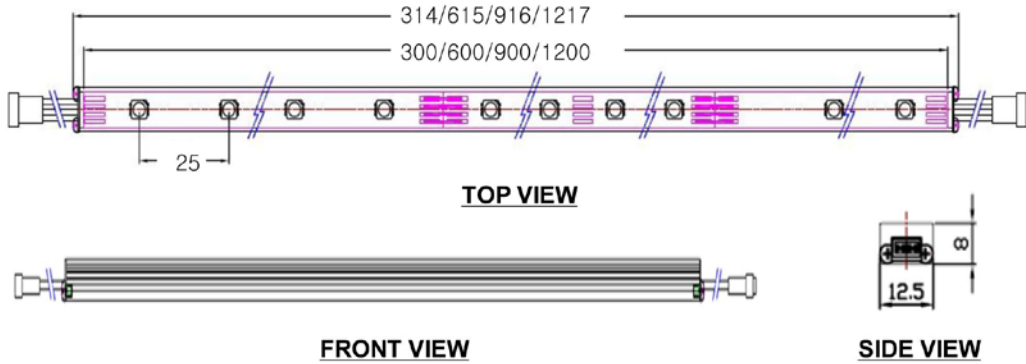
Operating Temp.: -20°C~+50°C

Model	Color	Length (PCB/Total)	LED Quantity	Input Vol.	Power	View Angle	Lum. Flux
WL-BL05G-RGB-300mm (WL-B05G03F0300)	RGB	(300/314)mm	12 pieces	24VDC	3W	120°	100lm
WL-BL05G-RGB-600mm (WL-B05G06F0600)	RGB	(600/615)mm	24 pieces	24VDC	6W	120°	200lm
WL-BL05G-RGB-900mm (WL-B05G09F0900)	RGB	(900/916)mm	36 pieces	24VDC	9W	120°	300lm
WL-BL05G-RGB-1200mm (WL-B05G124F1200)	RGB	(1200/1217)mm	48 pieces	24VDC	12W	120°	400lm

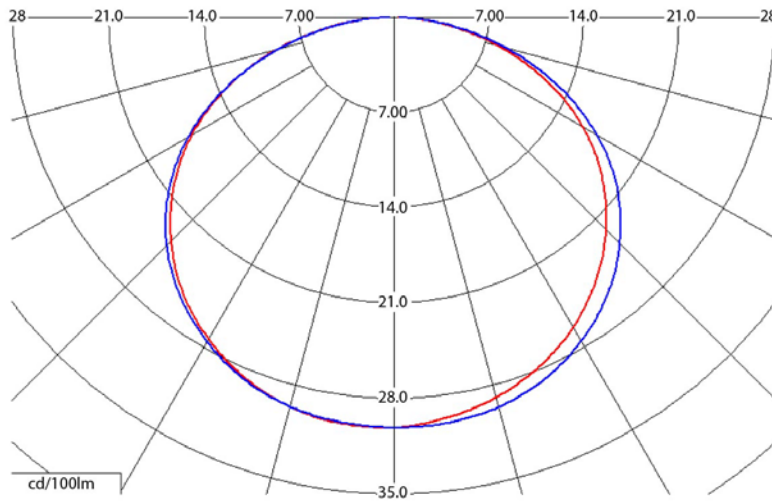
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PHYSICAL SPECIFICATIONS (unit: mm)



LIGHT DISTRIBUTION

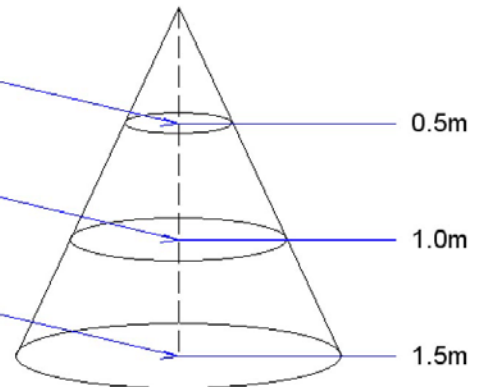


*300mm/Full Color

Beam width: 2.031m
120 lux in center

Beam width: 4.062m
30 lux in center

Beam width: 6.094m
13 lux in center



Average Beam Half-Angle = 64

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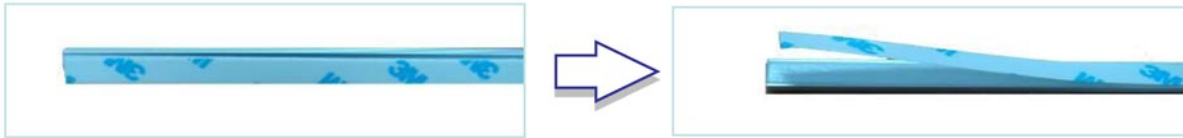


INSTALLATION

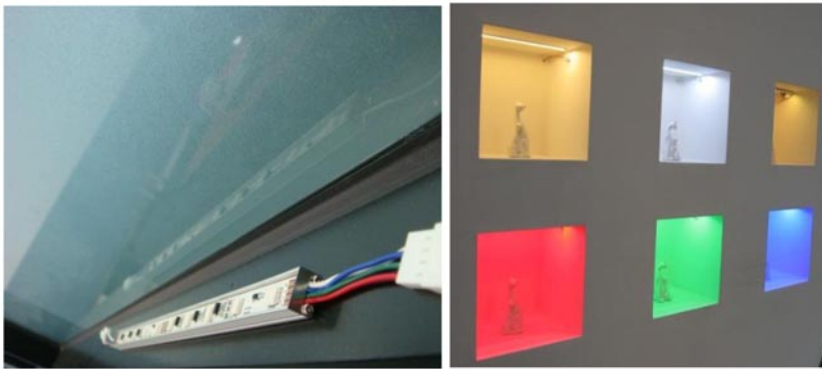
☑ Before you begin

- Lighting must be installed by a qualified electrician in according with all national and local electrical regulations
- Determine proper placement in relation to the size and complexity of your installation
- Make sure Power is off before installation and follow installation process.

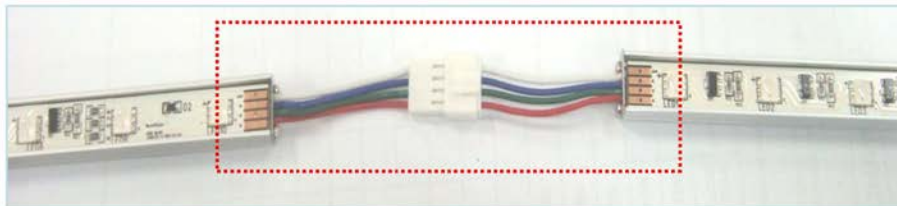
1. Remove 3M adhesive tape on the back side of BL05G



2. Mount the fixtures



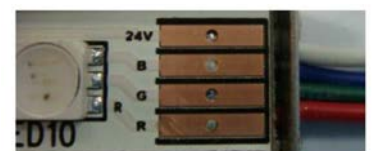
3. Connect additional fixtures using jumper cable



Jumper cable



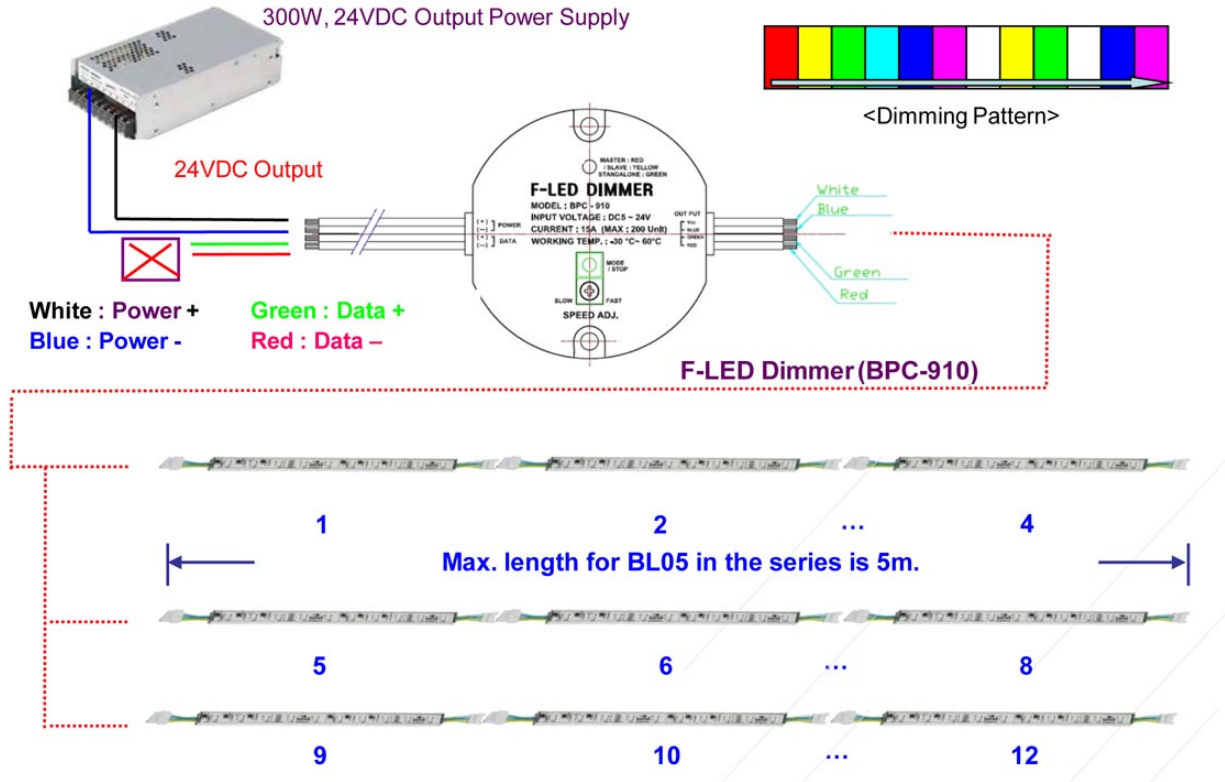
Please note that a 24V, R, G and B should be connected in the same lines when you connect additional fixtures. If the connection is not correct, BL05 will not work properly.



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4. Connect DC power supply (24VDC output) with F-LED dimmer (BPC-910) using leader cable



Length (Unit: mm)	Watt/a pc	Max. number connected to a DC Power Supply	
		100W	300W
BL05G_1200	12W	6 pieces	18 pieces
BL05G_900	9W	8 pieces	24 pieces
BL05G_600	6W	12 pieces	36 pieces
BL05G_300	3W	24 pieces	72 pieces



- Ensure main power supply is off before installing or wiring fixtures.
- Do not exceed the specified voltage and current input for any fixtures.

5. Turn on the power. Check to see if BL05 lights. Please review all installation processes above if BL05 fails to light.




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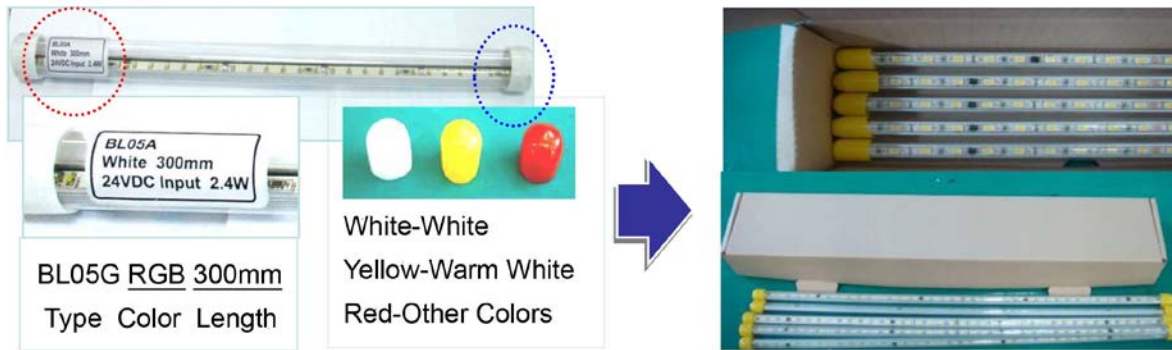


ACCESSORIES

Connecting cable (*: standard)

Connecting Cable		Length	Model Name	Description
Leader Cable	* Leader G1	1000mm	W1GC1000	

PACKAGING



Rev 2