

# BL05 I – LED STICK I TYPE



## INTRODUCTION

Wamco LED Stick series BL05-I is a linear lighting system for direct & indirect accent lighting applications such as building alcoves, shelves, sculptures, etc. The BL05-I system is also designed for side lighting of sign panels in both indoor and outdoor installations. BL05-I is available in white and warm white in 300, 600, 900 and 1200mm lengths. BL05-I provides many advantages including brilliant light output, significant energy savings and reduced maintenance costs.

## FEATURES

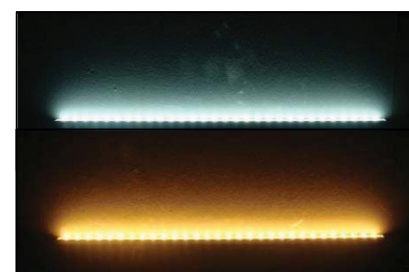
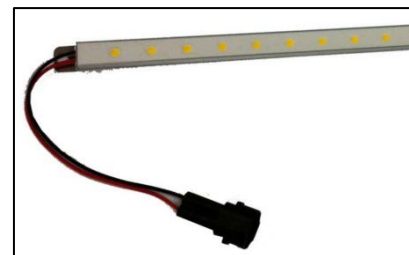
- Mounted via affixed brackets or mounting clips
- Two color options (white-6000K / warm-white-3000K)
- Four length options (300mm / 600mm / 900mm / 1200mm)
- Water resistant (outdoor use, IP65)
- Long life time (up to 40,000 hours)
- Safety due to low working voltage (**24VDC**)
- 3 year warranty

## APPLICATIONS

- Accent lighting (building, bridge, etc.)
- Indoor and outdoor decorative lighting

## CERTIFICATIONS

- CE, RoHS



## SPECIFICATIONS

MODEL	COLOR	LENGTH	LED QUANTITY	INPUT VOL.	POWER	VIEW ANGLE	LUM.FLUX
WL-B05I03W0300	White (Typ.6000K)	337mm	18 pieces	24VDC	2.9W	120°	248lm
WL-B05I06W0600	White (Typ.6000K)	638mm	36 pieces	24VDC	5.8W	120°	496lm
WL-B05I09W0900	White (Typ.6000K)	939mm	54 pieces	24VDC	8.7W	120°	744lm
WL-B05I12W1200	White (Typ.6000K)	1239mm	72 pieces	24VDC	11.6W	120°	992lm
WL-B05I03L0300	Warm-White (Typ.3000K)	337mm	18 pieces	24VDC	2.9W	120°	230lm
WL-B05I06L0600	Warm-White (Typ.3000K)	638mm	36 pieces	24VDC	5.8W	120°	460lm
WL-B05I09L0900	Warm-White (Typ.3000K)	939mm	54 pieces	24VDC	8.7W	120°	690lm
WL-B05I12L1200	Warm-White (Typ.3000K)	1239mm	72 pieces	24VDC	11.6W	120°	920lm

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1-714-545-5560

FAX  
1-714-545-6093

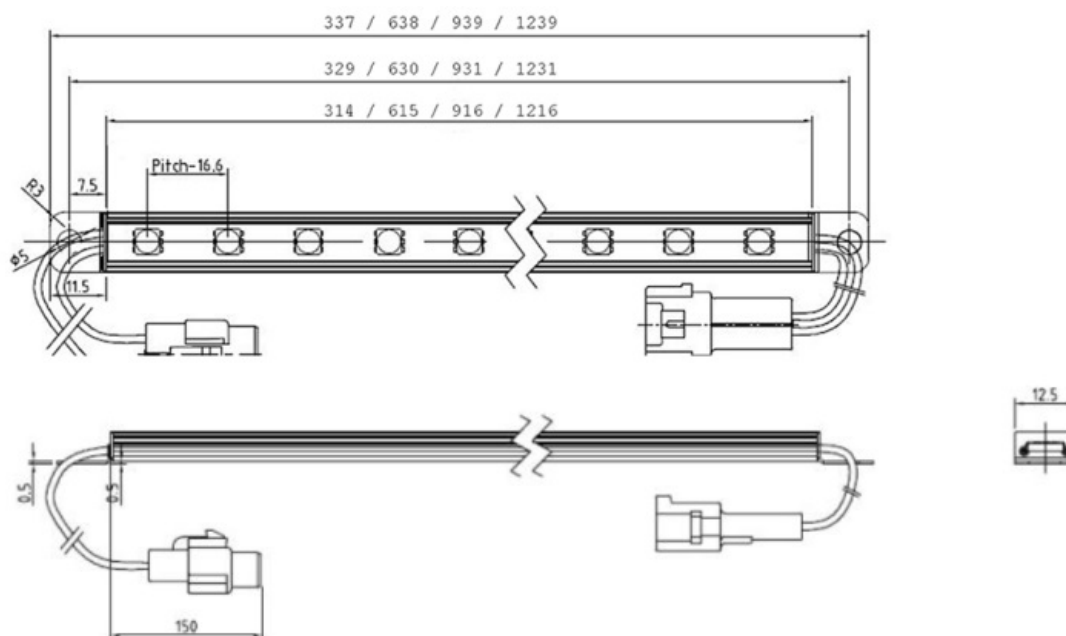
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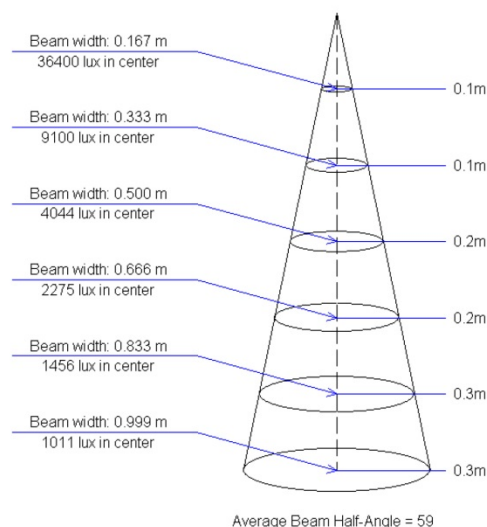
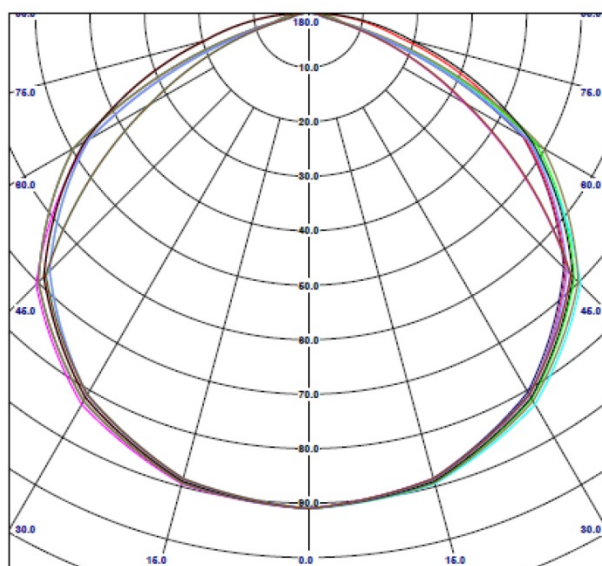
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## PHYSICAL SPECIFICATION (unit: mm)



## LIGHT DISTRIBUTION



BL05I\_White\_300mm (6000K/18LEDs)

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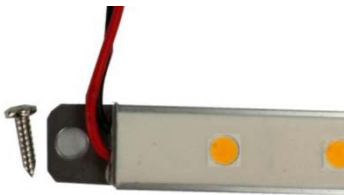


## INSTALLATION

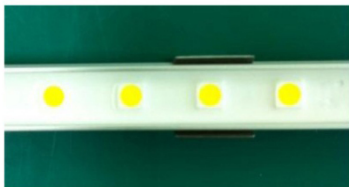
☑ Before you begin

- 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. Install using screws and the brackets on each end of the stick



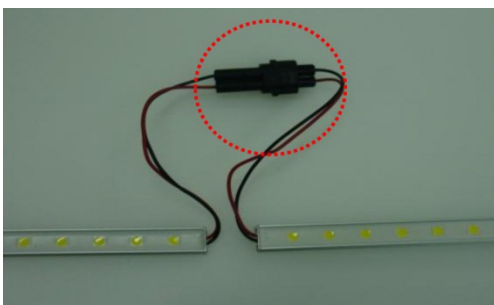
2. Or using mounting clips



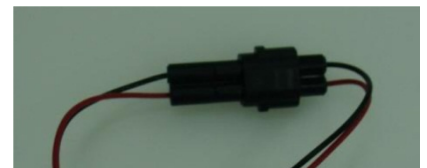
Mounting clip



3. Connect additional fixtures using connector cable



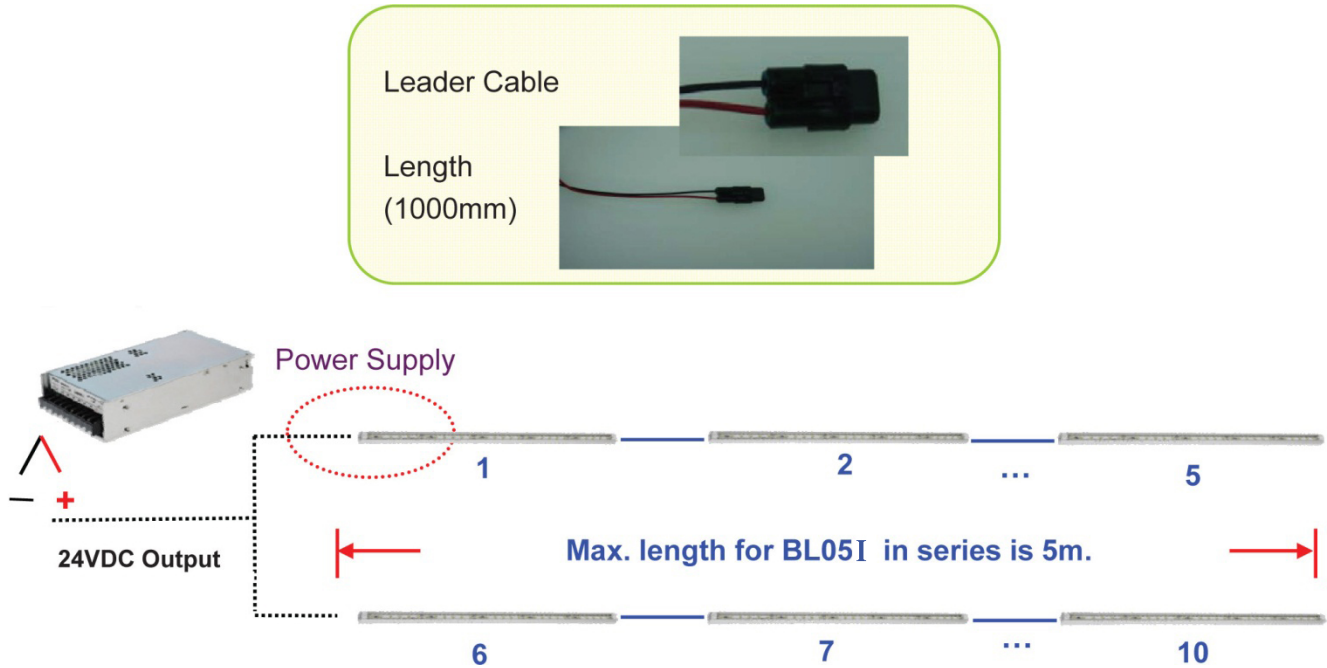
Please note that a positive pole (+) and a negative pole (-) should be connected in the same lines when you connect additional fixtures. If the connection is not correct, BL05 will not work properly.



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4. Connect DC power supply (24VDC output) using leader cable



## CAPACITY TABLE

LENGTH (unit: mm)	WATT (a piece)	DC POWER SUPPLY MAX NUMBER CONNECTED	
		100W	300W
WL-B05I300mm	2.9W	24 pieces	72 pieces
WL-B05I600mm	5.8W	12 pieces	36 pieces
WL-B05I900mm	8.7W	8 pieces	24 pieces
WL-B05I1200mm	11.6W	6 pieces	18 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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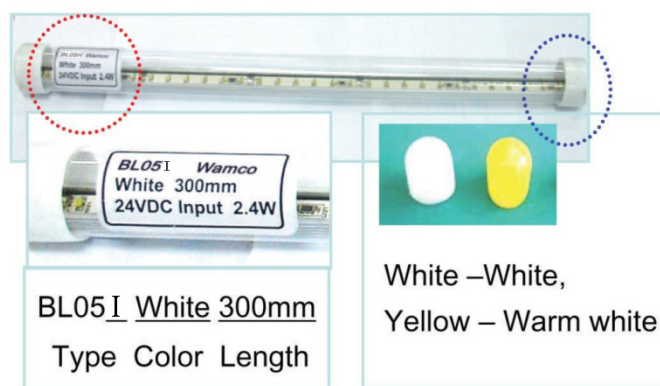


## ACCESSORIES

### CONNECTING CABLE

CONNECTING CABLE		LENGTH	MODEL NAME	DESCRIPTION
Leader cable	* Leader cable H1	1000mm	WL-W1HC1000	

## PACKAGING



WL-BL05I Rev 1 06/17/2013

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