

# BL05 H - LED Stick H type (Revision1)



## INTRODUCTION

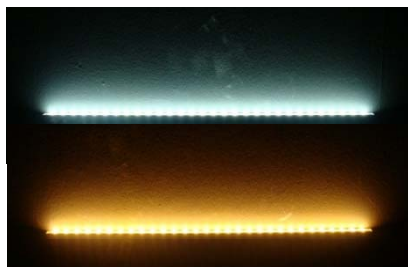
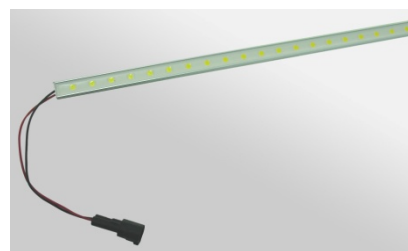
Wamco LED Stick series **BL05-H** is a linear lighting system for direct & indirect accent lighting applications such as buildings alcoves, shelves, sculptures, etc. The **BL05-H** system is also designed for side lighting of sign panels in both indoor and outdoor installations. **BL05-H** is available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

## FEATURES

- Fixed by 3M adhesive tape or Mounting clip
- 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 30,000 hours)
- Safety due to low working voltage (**24VDC**)
- 3 year warranty

## APPLICATIONS

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



## CERTIFICATIONS

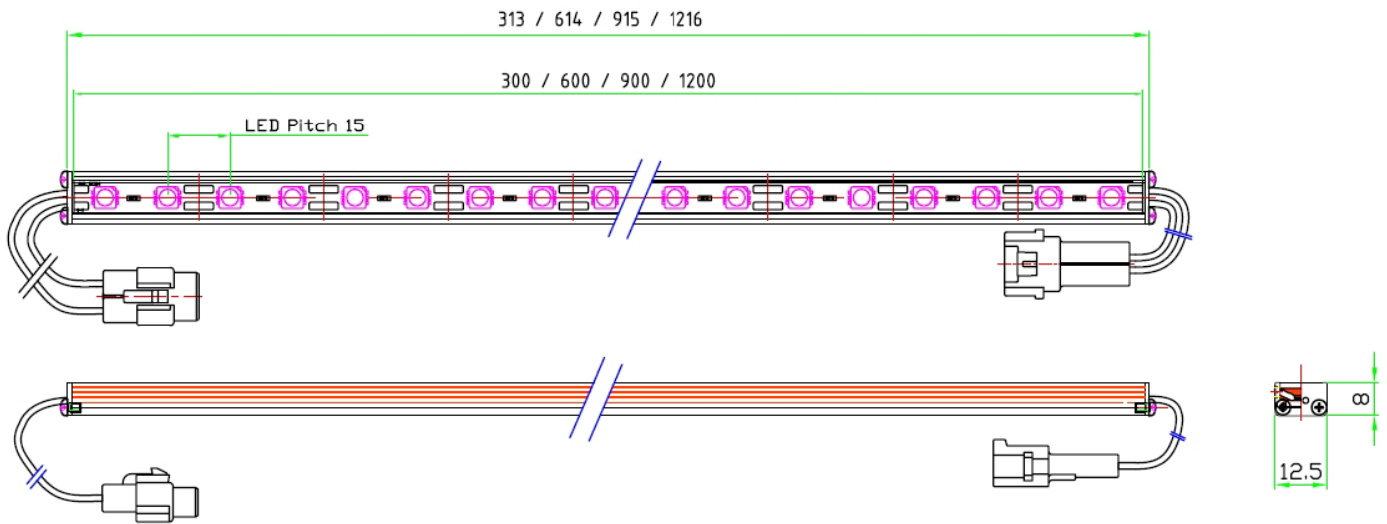
- CE, RoHS



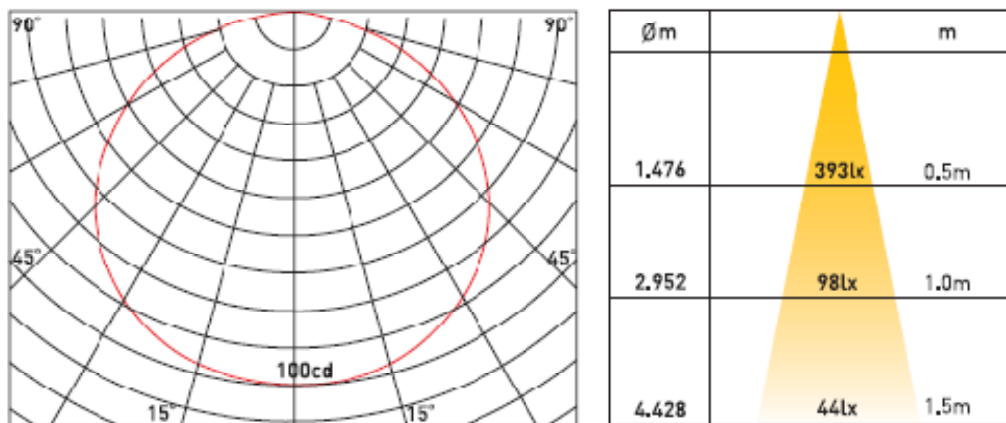
## SPECIFICATIONS

Model	Color	Length (PCB/Total)	LED Q'ty	Input Vol.	Power	View angle	Lum.Flux
WL-B05H04W03	White (Typ.6000K)	(300/313)mm	20pcs	24VDC	4.5W	120°	300lm
WL-B05H09W0600	White (Typ.6000K)	(600/614)mm	40pcs	24VDC	9W	120°	600lm
WLB05H13W0900	White (Typ.6000K)	(900/915)mm	60pcs	24VDC	13.5W	120°	900lm
WL-B05H18W1200	White (Typ.6000K)	(1200/1216)mm	80pcs	24VDC	18W	120°	1200lm
WL-B05H04L0300	Warm-White (Typ.3000K)	(300/313)mm	20pcs	24VDC	4.5W	120°	270lm
WL-B05H09L0600	Warm-White (Typ.3000K)	(600/614)mm	40pcs	24VDC	9W	120°	540lm
WL-B05H13L0900	Warm-White (Typ.3000K)	(900/915)mm	60pcs	24VDC	13.5W	120°	810lm
WL-B05H18L1200	Warm-White (Typ.3000K)	(1200/1215)mm	80pcs	24VDC	18W	120°	1080lm

## PHYSICAL SPECIFICATION (Unit : mm)



## LIGHT DISTRIBUTION



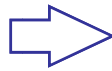
**BL05H\_White\_300mm (6000K/20LEDs)**

## Installation

### ⚠ Before you begin

- Must be install by a qualified electrician in accordance with all national and local electrical regulations
- Determine proper place regarding of 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 BL05H



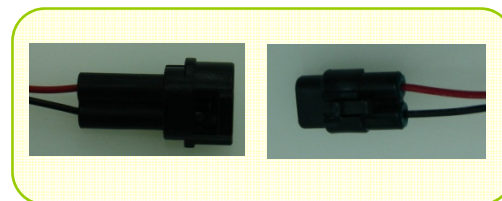
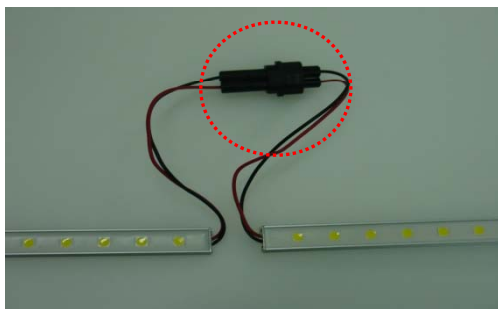
- 2 Using mounting clip, mount the fixtures



Mounting clip



- 3 Connect additional fixtures, using connector cables.



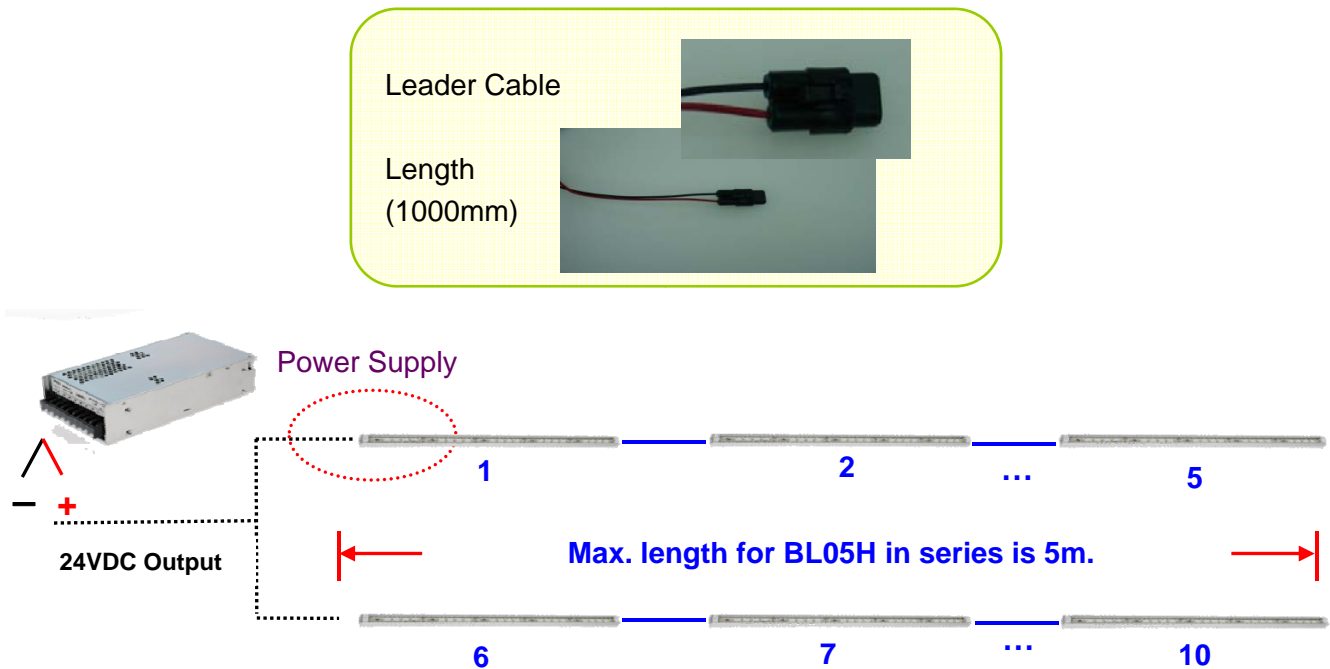
Please note that a positive pole(+) and a negative pole(-) should be connected in the same lines when you connect additional fixtures.

If the connection is wrong, BL05 will not work.



## Installation

- 4 Connect DC power supply (24VDC output), using leader cables



### Capacity Table

Length (Unit: mm)	Watt/a pc	DC Power Supply Max. number connected	
		100W	300W
WL-B05H300mm	4.5W	16pcs	50pcs
WL-B05H600mm	9W	8pcs	25pcs
WL-B05H900mm	13.5W	5pcs	16pcs
WL-B05H1200mm	18W	4pcs	12pcs



- Ensure that 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


Verify proper illumination of BL05 system

If there are any issues, review installation process above



## Accessories

### 1) Connecting cable

Connecting cable		Length	Model Name	Description
Leader cable	* Leader cable H1	1000mm	WL-W1HC1000	

## Packaging

