BL05D2 — LED STICK HIGH EFFICIENCY

Wamco LIGHTING

INTRODUCTION

Wamco LED Stick series BL05-D2 is a linear lighting system for interior applications such as path, cove, shelf, and display case lighting. BL05-D2 is available in white and warm white in 300, 600, 900 and 1200mm lengths. BL05-D2 provides many advantages including brilliant light output, high efficiency, significant energy savings, and reduced maintenance costs.

FEATURES

- Easily attached to the 90° corner of a shelf or display case
- Attached by 3M adhesive tape
- 4 length options
- Also available in 4000K color temperature upon request
- Long service life (up to 40,000 hrs in white color)
- Safety due to low working voltage (24VDC)
- 3 year warranty

APPLICATIONS

- Path and cove lighting
- Shelf lighting and display case lighting

CERTIFICATIONS

- CE, RoHS

CE   RoHS   ISO 9001 ISO14001

SPECIFICATIONS

- Operating Temp. : -20ºC ～+50ºC

MODEL	COLOR	LENGTH (PCB/TOTAL)	INPUT VOL.	POWER	VIEW ANGLE	LUM.FLUX
WL-B05D204W0300 (BL05D2-White-300mm)	White (Typ.6000K)	(300/313)mm	24VDC	4.3W	120°	460Lm
WL-B05D209W0600 (BL05D2-White-600mm)	White (Typ.6000K)	(600/614)mm	24VDC	8.6W	120°	920Lm
WL-B05D213W0900 (BL05D2-White-900mm)	White (Typ.6000K)	(900/915)mm	24VDC	13W	120°	1380Lm
WL-B05D218W1200 (BL05D2-White-1200mm)	White (Typ.6000K)	(1200/1216)mm	24VDC	17.3W	120°	1840Lm
WL-B05D204L0300 (BL05D2-Warm W-300mm)	Warm-White (Typ.3000K)	(300/313)mm	24VDC	4.3W	120°	440Lm
WL-B05D209L0600 (BL05D2-Warm W-600mm)	Warm-White (Typ.3000K)	(600/614)mm	24VDC	8.6W	120°	880Lm
WL-B05D213L0900 (BL05D2-Warm W-900mm)	Warm-White (Typ.3000K)	(900/915)mm	24VDC	13W	120°	1320Lm
WL-B05D218L1200 (BL05D2-Warm W-1200mm)	Warm-White (Typ.3000K)	(1200/1216)mm	24VDC	17.3W	120°	1760Lm

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PHYSICAL SPECIFICATION (unit: mm)

313 / 614 / 915 / 1216

300 / 600 / 900 / 1200
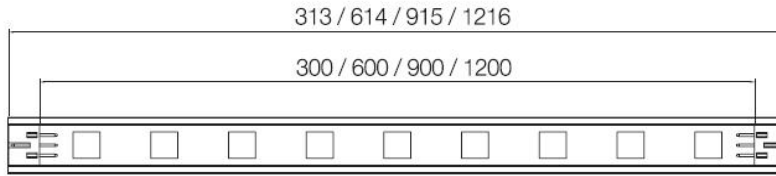
Unit : mm

TOP VIEW

FRONT VIEW

11

10
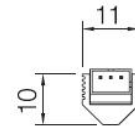
SIDE VIEW

## LIGHT DISTRIBUTION

152cd
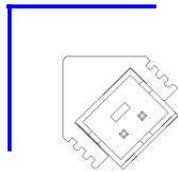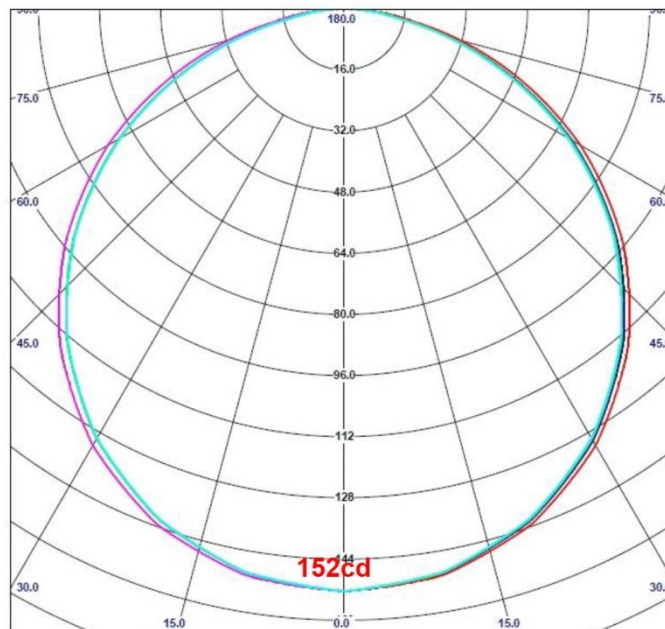
BL05-D 3000K 300mm

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 BL05D2
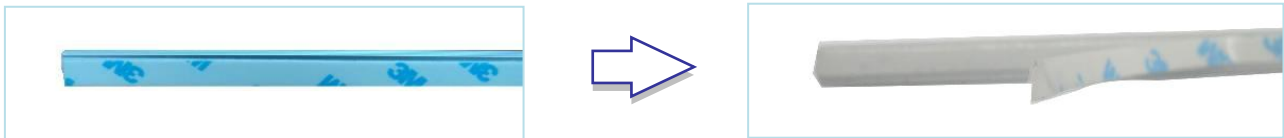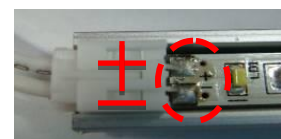

2. Mount the fixtures
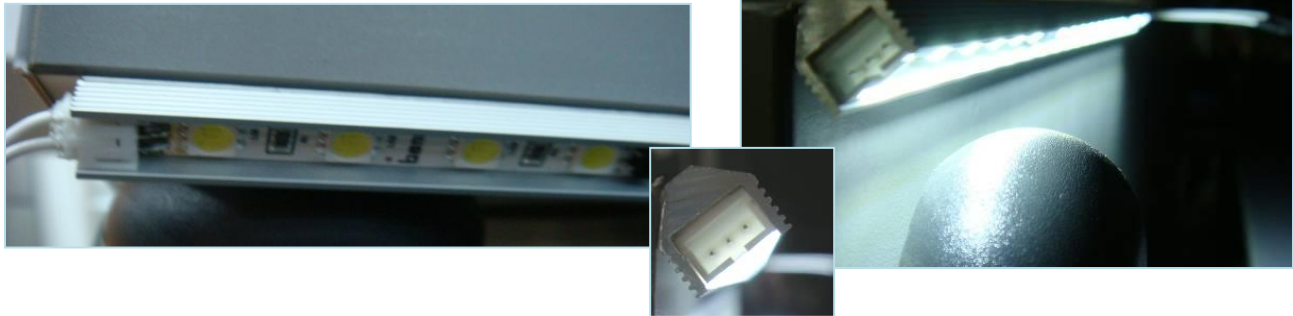
3. Connect additional fixtures using connector cable

Jumper cable
Length
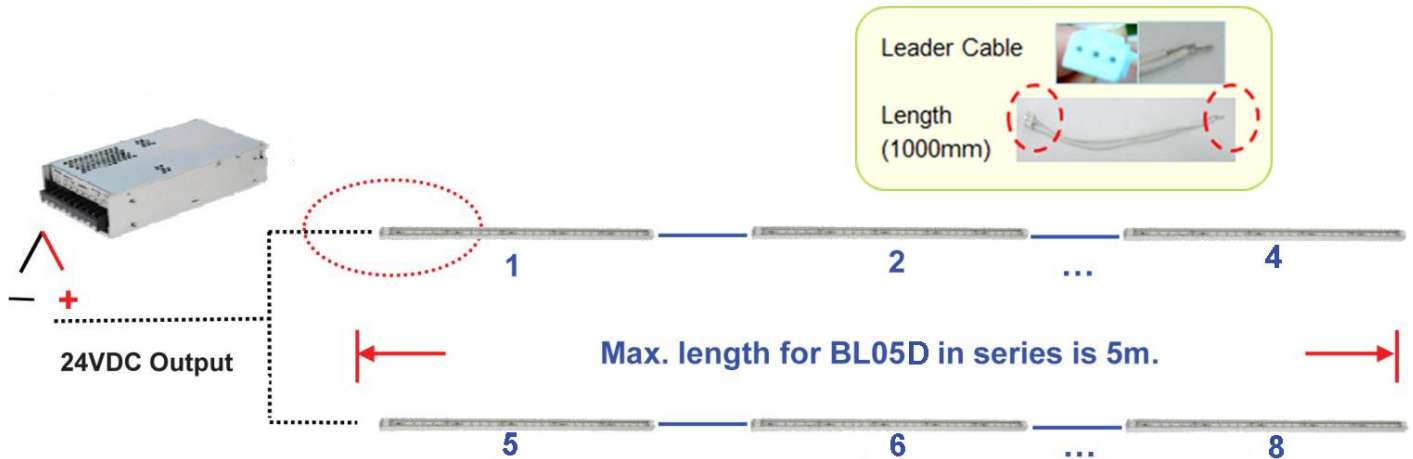(100mm*, 300mm,
600mm, 1200mm)

⚠ 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.

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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
BL05D2 1200mm	17.3W	5 pieces	15 pieces
BL05D2 900mm	13W	6 pieces	18 pieces
BL05D2 600mm	8.6W	10 pieces	30 pieces
BL05D2 300mm	4.3W	20 pieces	60 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.

CALL
1-714-545-5560

FAX
1-714-545-6093

VISIT
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ACCESSORIES
CONNECTING CABLE

CONNECTING CABLE		LENGTH	MODEL NAME	DESCRIPTION
Jumper Cable	Jumper Cable D1	100mm	W2DC0100	
	*Jumper Cable D2	300mm	W2DC0300	
	*Jumper Cable D3	600mm	W2DC0600	
	*Jumper Cable D4	1200mm	W2DC1200	
	*special order only			
Leader Cable	Leader Cable D1	1000mm	W1DC1000	

NOTES
1) 1 each jumper cable, W2DC0100 100mm provided with LED stick
2) Leader cable, W1DC000 purchased separately

PACKAGING

BL05D Wamco
White 300mm
24VDC Input 2.4W

BL05D2 White 300mm
Type Color Length

White –White,
Yellow – Warm white
Red: Other Colors

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