

INTRODUCTION

Bandilight LED stick, **BL05-A** is a LED illumination system for interior decoration like path, cove lighting and shelf lighting. **BL05-A** has 2 color options like white and warm white basically and also 4 length options like 300mm, 600mm, 900mm and 1200mm. **BL05-A** provides many advantages like the brilliant light output, energy cost saving and maintenance cost reduction

FEATURES

- Flat type aluminum housing
- Fixed by 3M adhesive tape
- 4 length options(PCB-300/600/900/1200mm, Total-313/614/915/1216mm)
- Long life time (up to 40,000hrs in white color)
- Safety due to low working voltage(**24VDC**)
- 3years warranty

APPLICATIONS

- Path and cove lighting
- Shelf lighting and Display box lighting



CERTIFICATIONS

- C E, RoHS

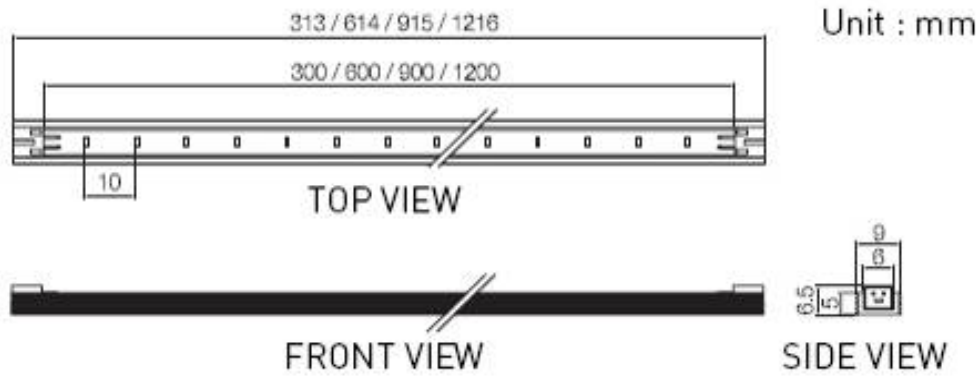


SPECIFICATIONS

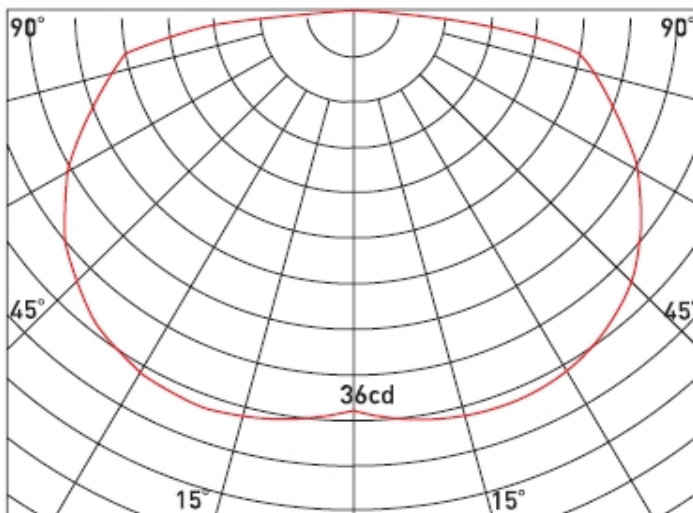
- Operating Temp. : -20°C~+50°C

Model	Color	Length (PCB/Total)	LED Q'ty	Input Vol.	Power	View angle	Lum.Flux
BL05A-White-300mm (B05A02W0300)	White (Typ.6000K)	(300/313)mm	30pcs	24VDC	2,4W	140°	150lm
BL05A-White-600mm (B05A04W0600)	White (Typ.6000K)	(600/614)mm	60pcs	24VDC	4.8W	140°	300lm
BL05A-White-900mm (B05A06W0900)	White (Typ.6000K)	(900/915)mm	90pcs	24VDC	7.2W	140°	450lm
BL05A-White-1200mm (B05A08W1200)	White (Typ.6000K)	(1200/1216)mm	120pcs	24VDC	9.6W	140°	600lm
BL05A-Warm W-300mm (B05A02L0300)	Warm White (Typ.3000K)	(300/313)mm	30pcs	24VDC	2,4W	140°	120lm
BL05A-Warm W-600mm (B05A04L0600)	Warm White (Typ.3000K)	(600/614)mm	60pcs	24VDC	4.8W	140°	240lm
BL05A-Warm W-900mm (B05A06L0900)	Warm White (Typ.3000K)	(900/915)mm	90pcs	24VDC	7.2W	140°	360lm
BL05A-Warm W-1200mm (B05A08L1200)	Warm White (Typ.3000K)	(1200/1216)mm	120pcs	24VDC	9.6W	140°	480lm

PHYSICAL SPECIFICATION (Unit : mm)



LIGHT DISTRIBUTION



∅m		m
3.173	138lx	0.5m
6.346	34lx	1.0m
9.520	15lx	1.5m

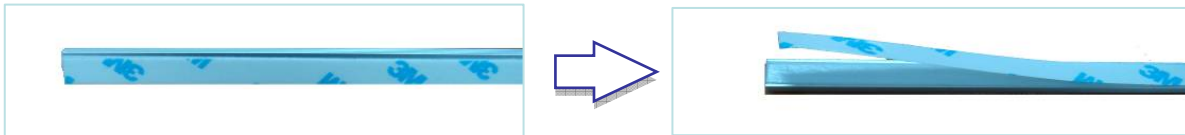
* 300mm/30LEDs/6,000K

Installation

☑ Before you begin

- Lighting must be installed by a qualified electrician in according 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 BL05A



2 Mount the fixtures



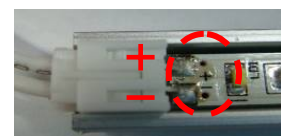
3 Connect additional fixtures, using jumper cable.



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



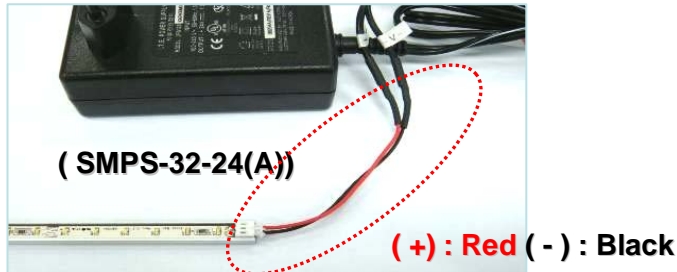
Please note that a positive pole(+) and a negative pole(-) should be connected in the same lines when you connect additional fixtures. If the connection is wrong, BL05 will not work.



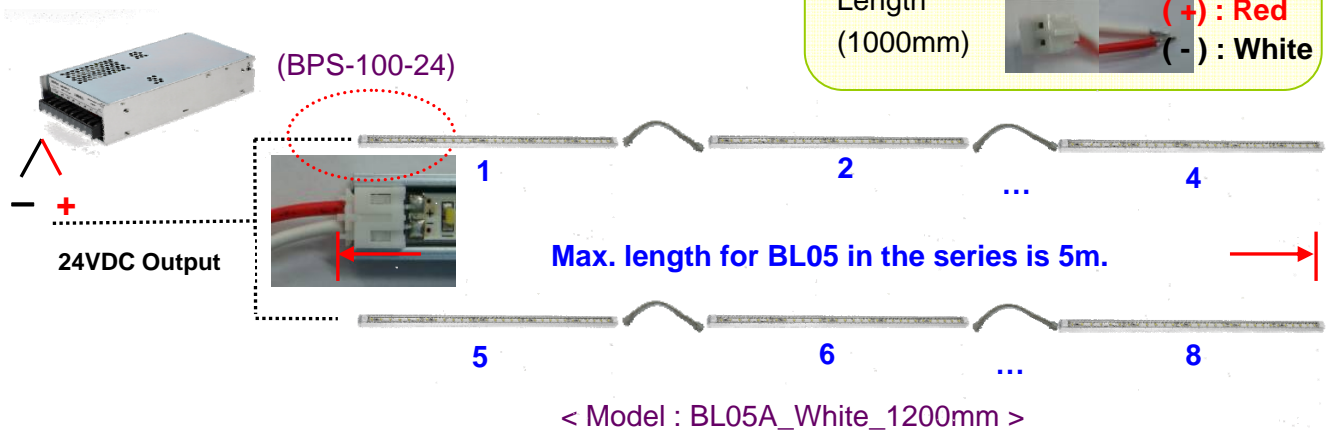
Installation

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

1) DC Power supply (plug type)



2) DC Power supply (Normal)



Capacity Table

Length (Unit: mm)	Watt/a pc	Max. number connected to a DC Power supply		
		Plug Type(32W)	100W	300W
BL05A_1200	9.6W	2pcs	8pcs	25pcs
BL05A_900	7.2W	3pcs	13pcs	33pcs
BL05A_600	4.8W	5pcs	16pcs	50pcs
BL05A_300	2.4W	10pcs	32pcs	100pcs



- 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

Check out if BL05 lights on well.

Please review all installation process above, if there are troubles.



Accessories

1) Connecting cable (* : standard)

Connecting cable		Length	Model Name	Description
Jumper Cable	* Jumper cable A1	100mm	W2AC0100	
	Jumper cable A2	300mm	W2AC0300	
	Jumper cable A3	600mm	W2AC0600	
	Jumper cable A4	1200mm	W2AC1200	
Leader cable	* Leader cable A1	1000mm	W1AC1000	

2) DC Power Supply

Power supply (Plug Type)	Power supply (Normal)	
Model : SMPS - 32 - 24(A)	Model : BPS - 100 - 24	Model : BPS - 300 - 24
Power(Max.) : 32W	Power(Max.) : 100W	Power(Max.) : 300W
Input Voltage : 100~240VAC	Input Voltage : 85~265VAC	Input Voltage : 85~265VAC
Output Voltage : 24VDC	Output Voltage : 24VDC	Output Voltage : 24VDC
Certification : UL,CE	Certification : UL,CE	Certification : UL,CE

Packaging

BL05A White 300mm
24VDC Input 2.4W

BL05A White 300mm
Type Color Length

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

