

Specification

DS8168GWW-24V-10mm



▼General description

- Dim to warm strip, widely adapted with PWM controllers
- 1900K+3000K design
- With life span over 60000H
- Ta: -25~40°C; Tc: 75°C (max)



▼Dimension

※Max.length: 5000mm

Cutting unit: 14leds/83.3mm

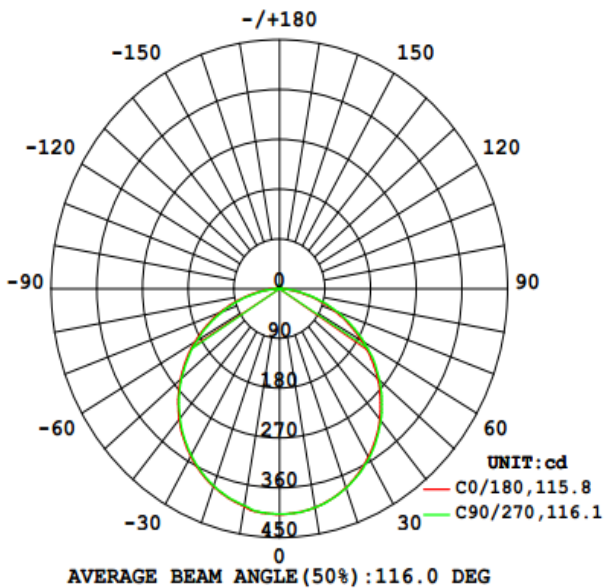
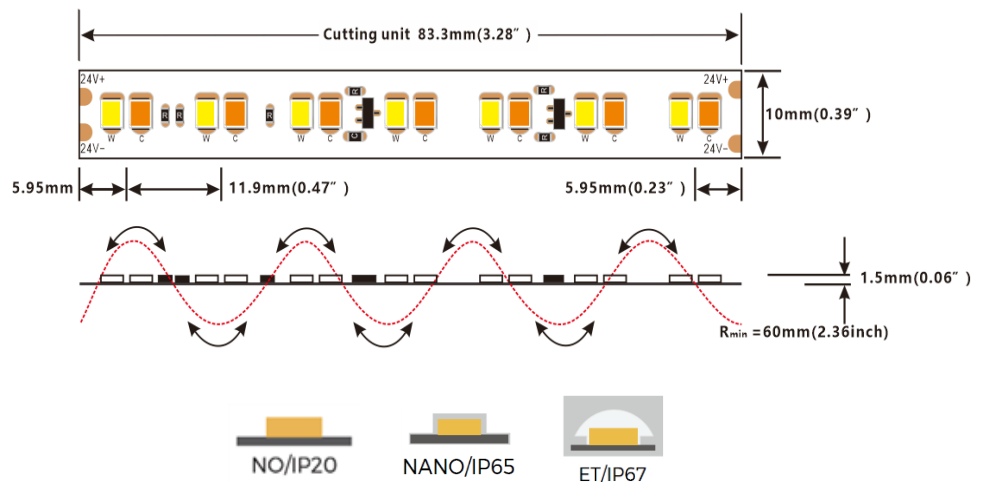
LED pitch: 11.9mm

Min. bend diameter: Φ60mm

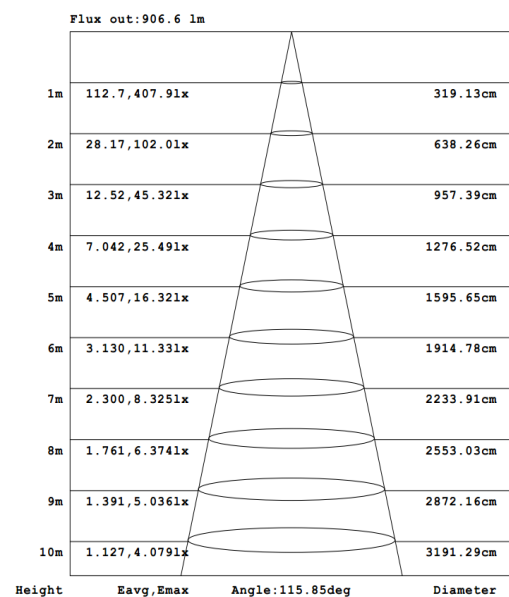
Mounting: 3M tape

IP: IP20/IP65/IP67

※Warranty: 5years



UMINOUS INTENSITY DISTRIBUTION DIAGRAM(WW)



AAI Figure (WW)

※Max.length data is based on 10% voltage drop

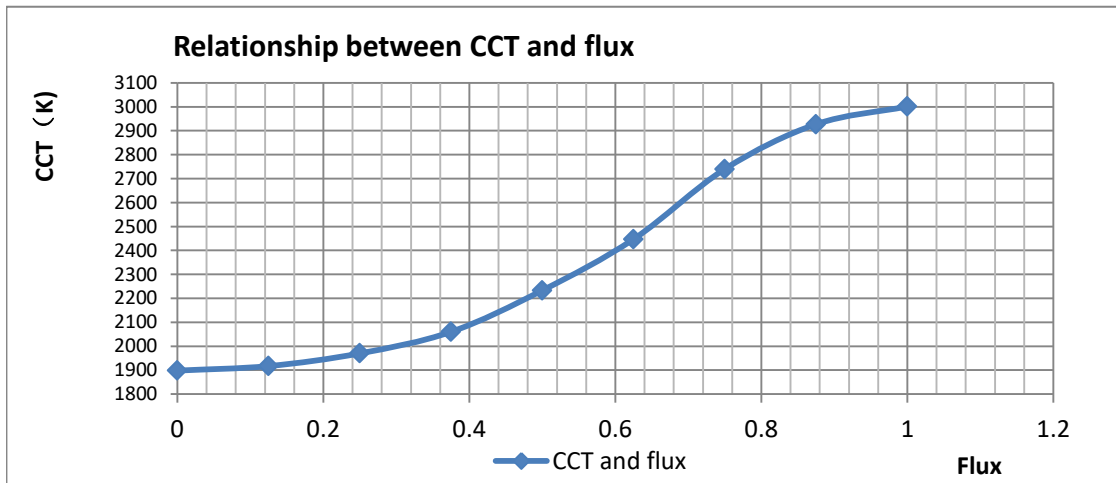
※Warranty is based on indoor use

▼ Electronic & output data

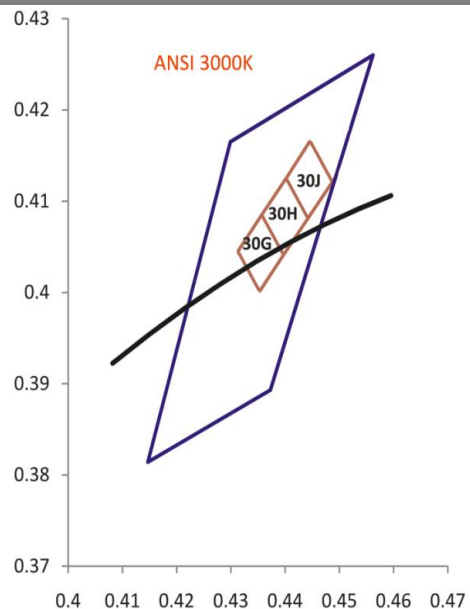
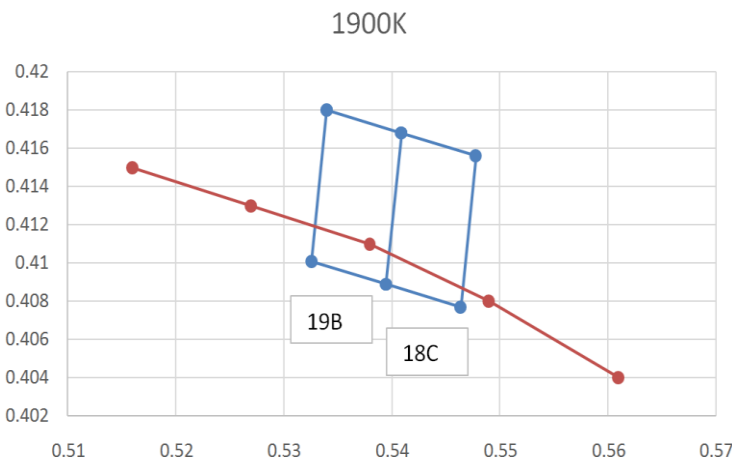
Input voltage: DC24V	Rated current: 0.5A(1m) /2.25A(5m)
Typical Powe: 13.5W(1m)/ 54W(5m)	CRI: >90
Max.power: 14.4W	On-off times: 10000 (test times)
Power range: 12.4 ~ 14.4W	Copper foil: 2oz

CRI	Color	CCT	Lumen(lm)	lm/W	Energy efficiency class
Ra>90	GW	1900K	10	8	/
Ra>90	GWWW	1900-3000K	580	72	A
Ra>90	WW	3000K	1150	85	A+



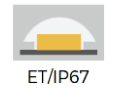
- 1.The tolerance of output data can be vary up to 15%
- 2.the output data tested according to IES TM-30-15
- 3.the output data is based on IP20/1merter, data of 5m in only for reference
- 4.IP protection process leads changes to size, CCT and luminous flux











▼ BIN



▼IP Process

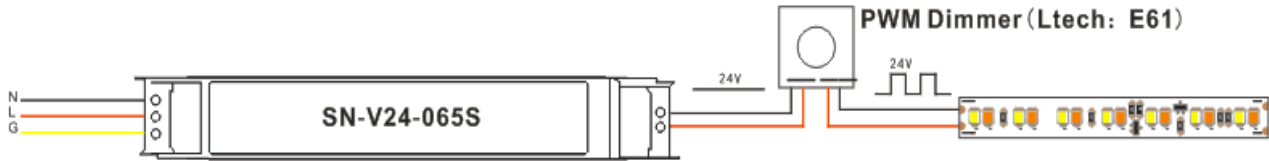
IP Process	Picture	description	Size	optional CCT/color for finished product	lumen output rate
NO	 NO/IP20	No proof	10mm*1.5mm	1900K-3000K	100%
NA	 NANO/IP65	Nano-proof	10mm*1.5mm	1900K-3000K	98%
ET	 ET/IP67	Extrusion tube	12mm*4.8mm	1900K-3000K	88%

▼Accessories Information

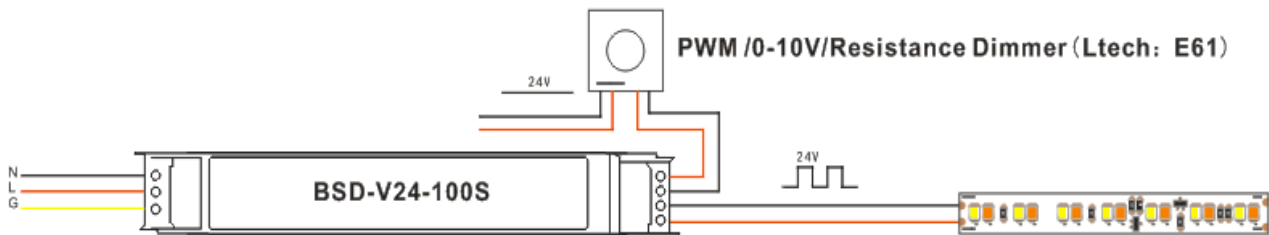
Name	Picture	Code	description
Connector for wire and FPC		94-03-00-0037	10mm width, 2PIN connector of wire and FPC,suitable for white color strip, NO/NA,2PIN wire18- 22AWG
Connector for FPC and FPC		94-42-621020004	10mm width, 2PIN connector of FPC and FPC,suitable for white color strip,NO/NA
Fixed Clip		94-02-00-0003	Silicone clip, screw: PA 3*8mm, suitable for 10mm FPC,EH/EF/ET strip
Silicone end cap set		94-02-00-0022	Silicone end cap set, including end cap and plug, suitable for 10mm FPC,EH/ET/EF silicone extrusion strip
Mounting groove		94-02-00-0025	Transparent PVC mounting groove,suitable for 10mm FPC,silicone extruded EF/ET strip
Stopper glue		94-16-03010001	Silicone gel, suitable for ST/ET/EH/EF/SF waterproof LED strip
Fixed Clip		94-02-00-0018	Fixed clip, transparent, 3*8mm self-tapping screws, suitable for 10mm FPC,NO/NA LED strip
PWM dimmer		23-02-00-0006	E61 Input voltage: 12-24VDC Output current:6A*1CH Output power: 75W/150W(12V/24V)

▼ Connection diagram

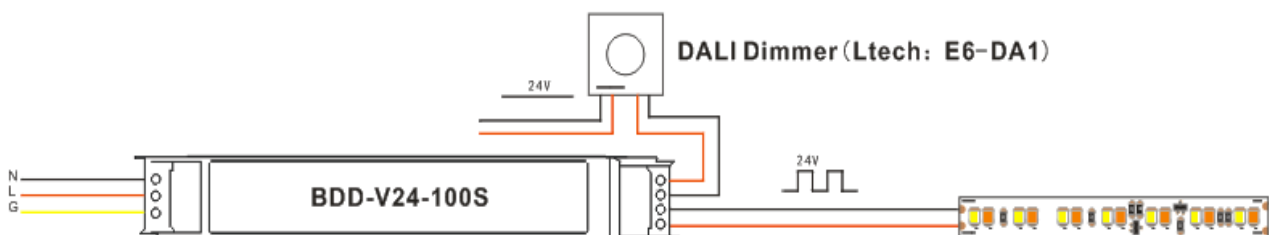
Model 1: Non-Dimmable Constant Voltage LED Driver+PWM Dimmer



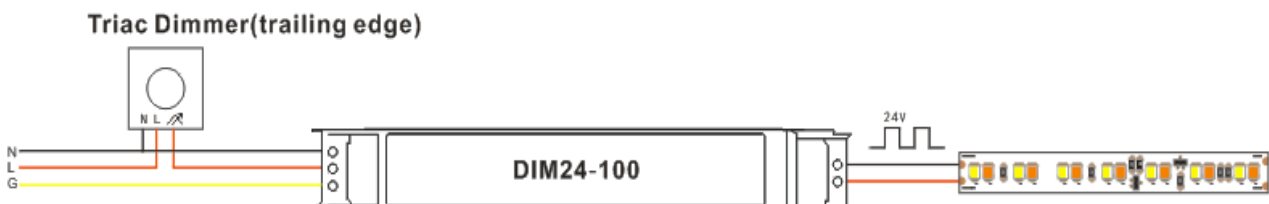
Model 2: PWM /0-10V/Resistance 3 in 1-Dimmable Constant Voltage LED Driver+PWM /0-10V/Resistance Dimmer



Model 3: DALI-Dimmable Constant Voltage LED Driver+DALI Dimmer



Model 4: Triac-Dimmable Constant Voltage LED Driver+Triac Dimmer



▼ Precautions

- ※ Please drive the led strip with 24VDC isolated power, and the ripple of the constant voltage source should be less than 5%.
- ※ Please do not bend the strip into an arc with a diameter less than 60mm to ensure the longevity and reliability.
- ※ Do not fold it in case any damage of LED beads.
- ※ Do not pull the power wire hard to ensure the longevity. Any Crash may damage the LED light is prohibited.
- ※ Please make sure the wire is connected to the anode and cathode correctly. The power output should be consistent with the voltage of the strip to avoid damage.
- ※ LED lights should be stored in dry, sealed environment. Please only unpack it before usage. Ambient temperature: -25°C~40°C.Storage temperature: 0°C~60°C.Please use the strips without waterproof within indoor environment with humidity less than 70%.
- ※ Please be careful during operation. Do not touch the AC power supply in case of electric shock.
- ※ Please leave at least 20% power for the power supply during using to ensure there is enough power supply to drive the product.
- ※ Do not use any acid or alkaline adhesives to fix the product (e.g.: glass cement).