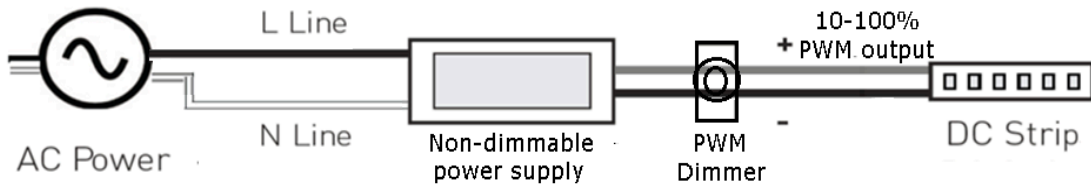
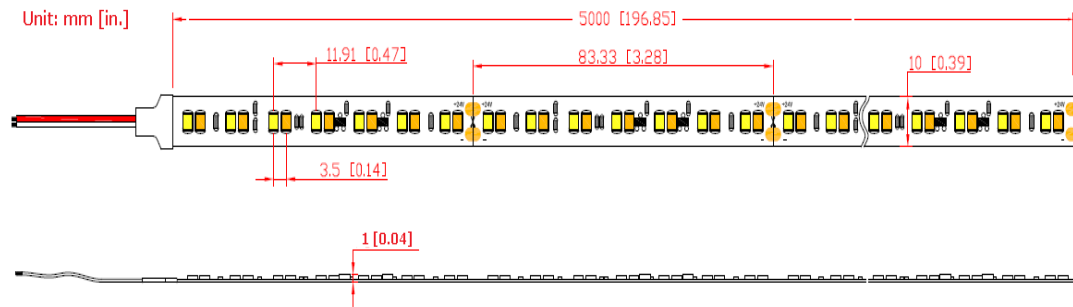


LED Strip Light

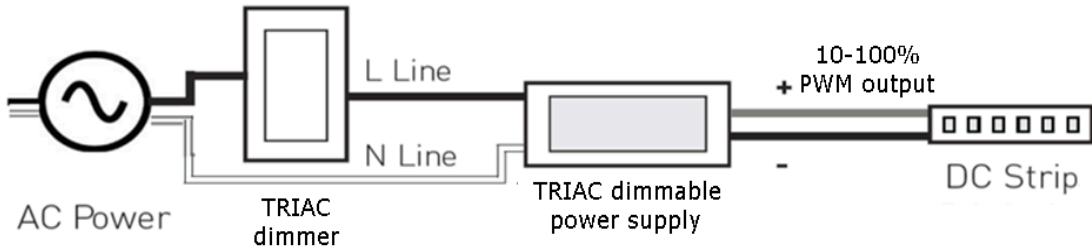
Plus Series

CCT-Tunable Series | 2835 LED Dim-to-Warm PWM |

- Plus Series using top quality material such as Epistar/San'an chip, Intermatix phosphor powder, ShinEtsu & Dow Corning glue, Heraeus 99.99% pure golden wire, pure copper & fresh plastic stand etc. as standard configuration.
- It warms as it is dimmed in only 2 wires. Dim-to-Warm concept is to dim CCT from 3000K (or 2700K) to 1800K while its brightness is dimmed from 100% to 10% (according to different kinds of drivers) synchronously and smoothly, perfectly simulating the warmth and dimming curve of incandescent and halogen lamp, which create a comfortable and natural lighting performance.
- Direct dimming with PWM (Pulse-Width Modulation) output type of driver, no remote controller, no receiver, no battery, simple and convenient wiring.
- Decorating backlight and indirect lighting for showcase, shelf, cabinet, billboard, signage, hotel, garden, bridge, corridor, ceiling, stair, floor, cove, theatre, lift etc.



Dimming Connection Diagram (e.g.: PWM dimmer at the output side)

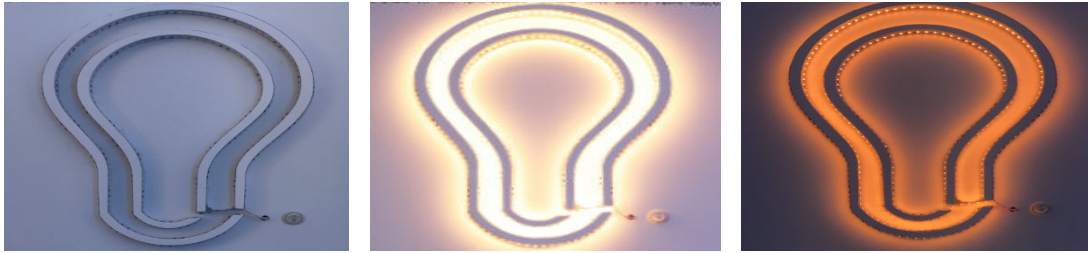


Dimming Connection Diagram (e.g.: TRIAC dimmer at the input side)



Measurements shown in degrees Kelvin.

CCT-Tunable Series | 2835 LED Dim-to-Warm PWM |



Part No.	Dimension (L*W*H)	IP Rating	Lumen Flux ± 10% @CR180&3000K	Light Eff. @CR180&3000K	Lumen Flux ± 10% @CR180&1800K	Light Eff. @CR180&1800K
GL-24-FG69N-A [GL-N2835XX-24-CC-168-FG69]	5000*10*1mm [197*0.4*0.04in.]	IP20 [dry]	1160lm/M [354lm/ft.]	105lm/W	65lm/M [20lm/ft.]	50lm/W
GL-24-FG69C-B [GL-C2835XX-24-CC-168-FG69]	5000*10*1.5mm [197*0.4*0.06in.]	IP54 [damp]	1160*90%lm/M [354*90%lm/ft.]	105*90%lm/W	65*90%lm/M [20*90%lm/ft.]	50*90%lm/W
GL-24-FG69A-B [GL-A2835XX-24-CC-168-FG69]	5000*12*4mm [197*0.47*0.16in.]	IP65 [wet]	1160*95%lm/M [354*95%lm/ft.]	105*95%lm/W	65*95%lm/M [20*95%lm/ft.]	50*95%lm/W
GL-24-FG69B-B [GL-B2835XX-24-CC-168-FG69]	5000*12*4mm [197*0.47*0.16in.]	IP67 [wet]	1160*90%lm/M [354*90%lm/ft.]	105*90%lm/W	65*90%lm/M [20*90%lm/ft.]	50*90%lm/W
GL-24-FG69E-B [GL-E2835XX-24-CC-168-FG69]	5000*12*4mm [197*0.47*0.16in.]	IP68 [wet]	1160*90%lm/M [354*90%lm/ft.]	105*90%lm/W	65*90%lm/M [20*90%lm/ft.]	50*90%lm/W
GL-24-FG69K-B [GL-K2835XX-24-CC-168-FG69]	5000*10*5mm [197*0.4*0.2in.]	IP54 Plus [damp]	1160*95%lm/M [354*95%lm/ft.]	105*95%lm/W	65*95%lm/M [20*95%lm/ft.]	50*95%lm/W
GL-24-FG69H-B [GL-H2835XX-24-CC-168-FG69]	5000*12*5mm [197*0.47*0.2in.]	IP67 Plus [wet]	1160*95%lm/M [354*95%lm/ft.]	105*95%lm/W	65*95%lm/M [20*95%lm/ft.]	50*95%lm/W

GENERAL PARAMETERS		PHOTOELECTRIC PARAMETERS	
Standard Length	5M [16.4ft] (power fed on one side)	Power ± 10%	11W/M [3.35W/ft.]@3000K, 1.3W/M [0.4W/ft.]@1800K
Min. Unit & LED QTY	83.33mm [3.28in.] & 14 LEDs	Input Voltage	24VDC
LED Type	SMD2835 white	LED Current	38mA/LED@3000K
LED QTY	168LED/M [51LED/ft.]	LED CCT & Wavelength	1800K~3000K (CCT-Tunable)
PCB Type	2oz white FPC, OSP	SDCM	ErP & ANSI Norm, 3 step
Operating Ambient	Ta: -20~45°C	CRI	Ra≥80&90
Warranty	5 years	Beam Angle	120°
Lifespan	50kh (L70B50@Tc≤65°C, Tc is temperature of LED pin)	Dimming / Toning Method	PWM (dimnable driver method such as RF, Bluetooth, 0/1-10V, Triac, DALI, DMX, WIFI etc.)
Certification	CE, UL, RoHS		

- Note 1: Luminous flux for CCT 2700K is 10% lower, for CCT 3000K/3500K is 5% lower, for CCT 5000K/6500K is the same, compared with 4000K.
- Note 2: Transmittance for IP54/IP67/IP68, 2700K/3000K is 95%, 3500K/4000K is 90%, 5000K/6500K is 80%; for IP65/IP54 Plus/IP67 Plus is 95%.
- Note 3: Applying with extra heat sink is not necessary with self-cooling capacity.
- Note 4: 3M 300LSE yellow adhesive tape attached on backside, is standard configuration of Plus Series.
- Note 5: One end of 200mm red/white silicon cable or waterproof connector kit according to specific IP rating, is standard configuration of Plus Series.
- Note 6: Transparent reel and silvery ESD bag, are standard configuration of Plus Series.
- Note 7: Installation accessories such as clip, screw, plug etc. are all optional base on specific demand.

POWER vs. LENGTH CHARACTERISTIC (POWER FED ON ONE SIDE)					
Length	1M [3.28ft]	2M [6.56ft]	3M [9.84ft]	4M [13.12ft]	5M [16.4ft]
Actual Power					
Voltage Drop Coefficient					

- Note 8: Voltage drop coefficient=actual power of certain length/(certain length x actual power of 1m), please apply with corresponding length refer to it.
- Note 9: Compatible with Hippo Series connector: part No. of PCB to PCB type is GL-SE-N12BB-2G, part No. of cable to PCB type is GL-SE-N12XB-2G.

