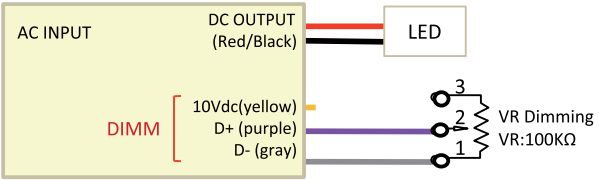


Dimming Instruction-A

For Model : LP1036 (40W), LP1056 (60W), LP1057 (70W), LP1096 (100W), LP1097 (100W),
 LF1075 (75W), LF1153 (150W), LF1156 (150W), LF1240 (240W), PCBA150 (150W)
 p.s. As for the detail specifications, please refer to the data sheet of the series.

① VR Dimming Mode ✂ Turn right (clockwise) Wiring / VR (Variable Resistor) Dimming

Wiring Diagram

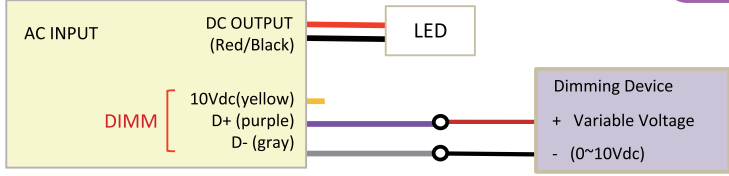


D+ ⇄ D- Voltage (Fig : 1)	< 1V	DC Output : 0% (OFF)
	1V~10V	DC Output : 10% ~100%
D+ ⇄ D-Current	0.1mA CC	100KΩ=10V ~ 10KΩ=1V

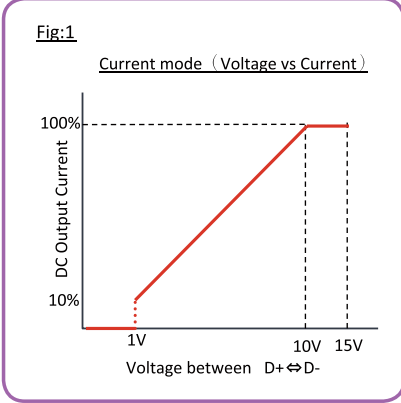
(VR)
 ✂ Take function , PIN location of general VR for example.
 Please confirm the operation instruction of VR

② DC 0-10V Dimming Mode :

Wiring Diagram

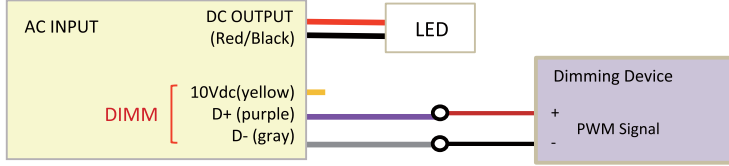


D+ ⇄ D- (Fig : 1)	< 1V	DC Output : 0% (OFF)	
	1V~10V	DC Output : 10% ~100%	
	min.	Ty.	max
D+ Input Voltage	0V	10V	15V
Sink Current	--	0.1mA	--

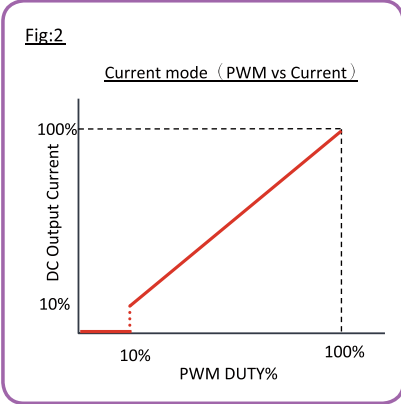


③ PWM Dimming Mode

Wiring Diagram



PWM vs Current Value (Fig : 2)	<10%	DC Output : 0% (OFF)	
	10%~100%	DC Output : 10%~100%	
Sink Current		Typical 0.1mA	
	min.	Ty.	max
High Signal Level	--	10V	15V
Low Signal Level	--	0V	--
PWM Signal frequency	200Hz	--	5,000Hz
Dimmable Duty %	0%	--	100%



Note:
 10Vdc Voltage (Vaux) -- 12V (max. 20mA), Power Supply for IR or PIR, etc.
 DC 10V yellow wire only for model: LP1036/ LP1056/ LP1096/ LF1075
 □ Multiple Models by Dimming Control
 ● Max. 20PCS

