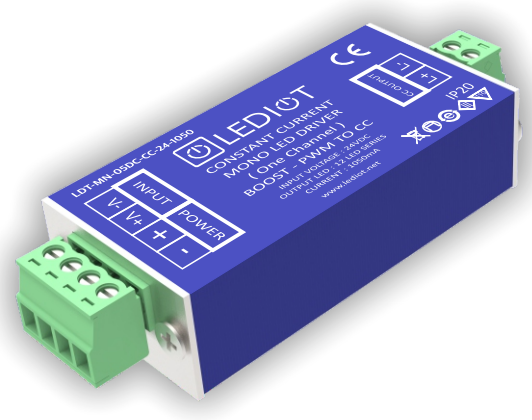
24VDC One Channel Constant Current Boost LED Driver (350mA - 1050mA) LDT-MN-05DC-CC-24

LEDIOT



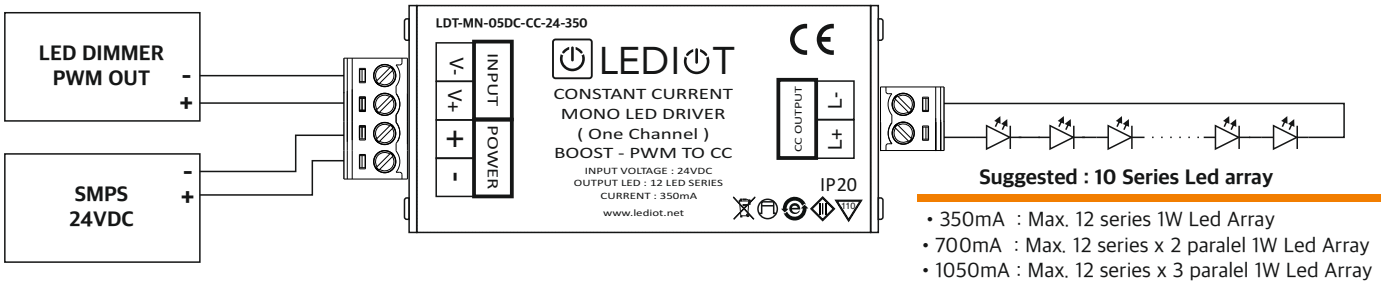
Features

- Constant current output : 350mA - 700mA - 1050mA
- Input voltage : 24VDC supply voltage
- Boost Led Driver
- High efficiency up to 95%
- Built-in PWM dimming and remote ON/OFF control
- PWM input is isolated Optocoupler protected
- Protections : Short circuit / Over temperature
- Cooling by free air convection
- Compact size
- Low cost, high reliability
- 2 years warranty

Specifications

	LDT-MN-05DC-CC-24-350mA	LDT-MN-05DC-CC-24-700mA	LDT-MN-05DC-CC-24-1050mA
OUTPUT CURRENT RANGE	350mA	700mA	1050mA
INPUT VOLTAGE RANGE	24VDC		
OUTPUT VOLTAGE RANGE	24~36VDC		
CURRENT ACCURACY (Typ.)	±5% at 24VDC input		
EFFICIENCY (max.)	95% at full load and 24VDC input		
PWM FREQUENCY	180KHz		
SHORT CIRCUIT	Regulated at rated output current		
OVER TEMPERATURE	Tj 150°C typically(IC1) detect on main control IC		
WORKING TEMP.	-40 ~ +125°C(Refer to derating curve)		
WORKING HUMIDITY	20% ~ 90% RH non-condensing		
OPERATING TEMP. (max.)	50°C		
IP RATINGS	IP 20		
DIMENSION	79.3*30*17mm		
BODY MATERIAL	Aluminium		

Connection Diagram



Suggested : 10 Series Led array

- 350mA : Max. 12 series 1W Led Array
- 700mA : Max. 12 series x 2 paralel 1W Led Array
- 1050mA : Max. 12 series x 3 paralel 1W Led Array

(Led Voltage is calculated as 3VDC 350mA)

- **The supply voltage should be 24VDC fixed.**
- **The product should be selected in accordance with the current of the LEDs and the output LEDs should be connected in parallel in accordance with the product.**