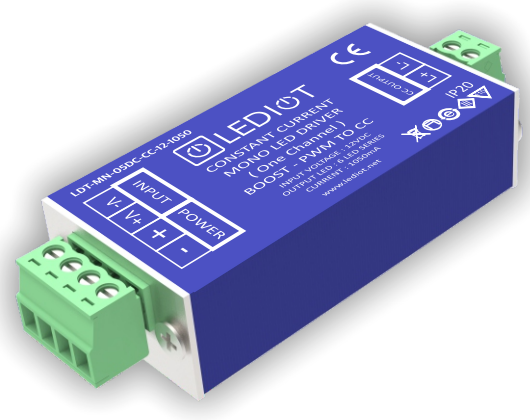
12VDC One Channel Constant Current Boost LED Driver (350mA - 1050mA) LDT-MN-05DC-CC-12



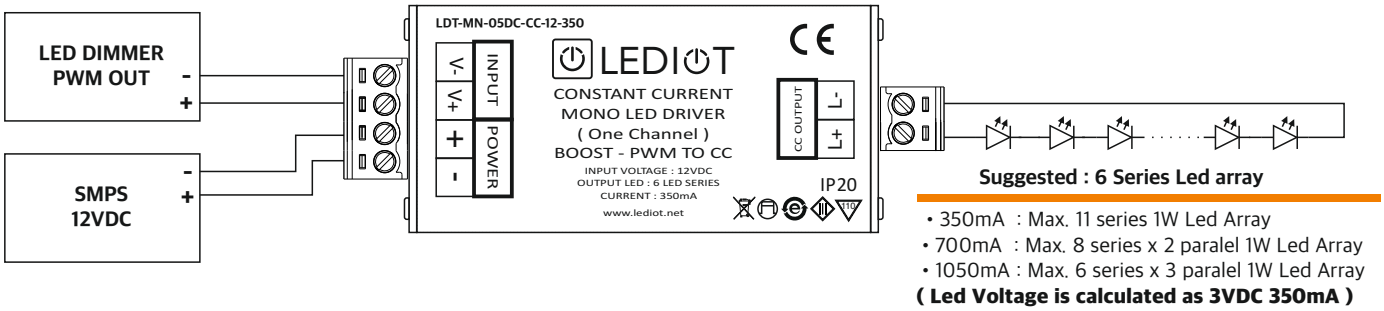
Features

- Constant current output : 350mA - 700mA - 1050mA
- Input voltage : 12VDC 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-12-350mA	LDT-MN-05DC-CC-12-700mA	LDT-MN-05DC-CC-12-1050mA
OUTPUT CURRENT RANGE	350mA	700mA	1050mA
INPUT VOLTAGE RANGE	12VDC		
OUTPUT VOLTAGE RANGE	12~36VDC		
CURRENT ACCURACY (Typ.)	±5% at 12VDC input		
EFFICIENCY (max.)	95% at full load and 12VDC 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 : 6 Series Led array

- 350mA : Max. 11 series 1W Led Array
- 700mA : Max. 8 series x 2 paralel 1W Led Array
- 1050mA : Max. 6 series x 3 paralel 1W Led Array

(Led Voltage is calculated as 3VDC 350mA)

- **The supply voltage should be 12VDC 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.**