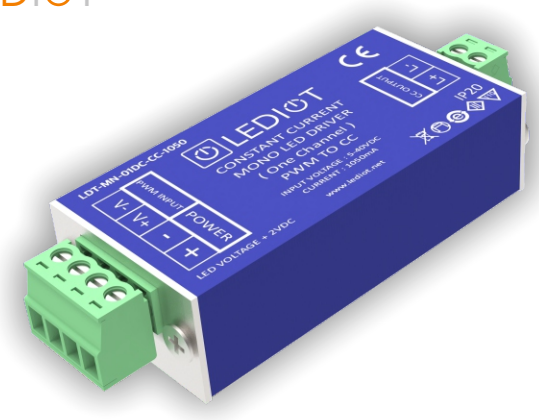
DC-DC One Channel Constant Current LED Driver (350mA - 1050mA)

LDT-MN-01DC-CC



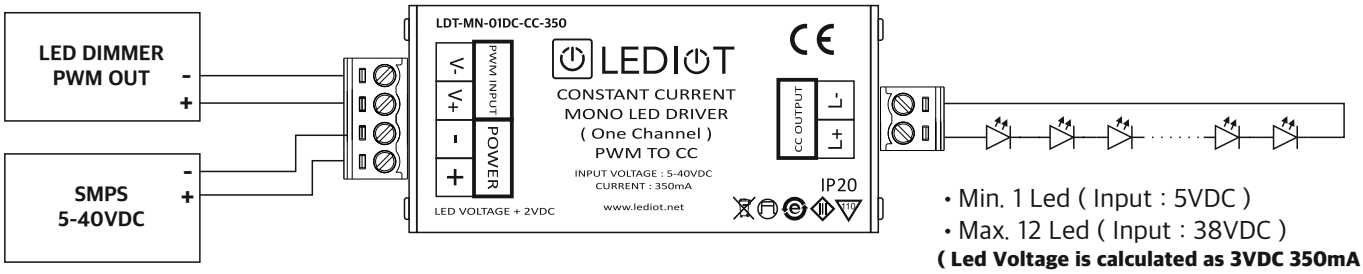
Features

- Constant current output : 350mA to 1050mA
- Wide input voltage : 5V to 40V supply voltage
- 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-01DC-CC-350mA	LDT-MN-01DC-CC-500mA	LDT-MN-01DC-CC-700mA	LDT-MN-01DC-CC-1050mA
OUTPUT CURRENT RANGE	350mA	500mA	700mA	1050mA
INPUT VOLTAGE RANGE	5~ 40VDC			
OUTPUT VOLTAGE RANGE	3~ 38VDC			
CURRENT ACCURACY (Typ.)	±5% at 24VDC input			
EFFICIENCY (max.)	95% at full load and 24VDC/36VDC input			
PWM FREQUENCY	30KHz			
SHORT CIRCUIT	Regulated at rated output current			
OVER TEMPERATURE	Tj 150°C typically(IC1) detect on main control IC			
WORKING TEMP.	-35 ~ +85°C(Refer to derating curve)			
WORKING HUMIDITY	20% ~ 90% RH non-condensing			
OPERATING TEMP. (max.)	100°C			
IP RATINGS	IP 20			
DIMENSION	79.3*30*17mm			
BODY MATERIAL	Aluminium			

Connection Diagram



- Min. 1 Led (Input : 5VDC)
- Max. 12 Led (Input : 38VDC)

(Led Voltage is calculated as 3VDC 350mA)

- **The supply voltage should be MAX. 3 V more than the total led voltage. If more the drive may overheat !!!**
- **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.**