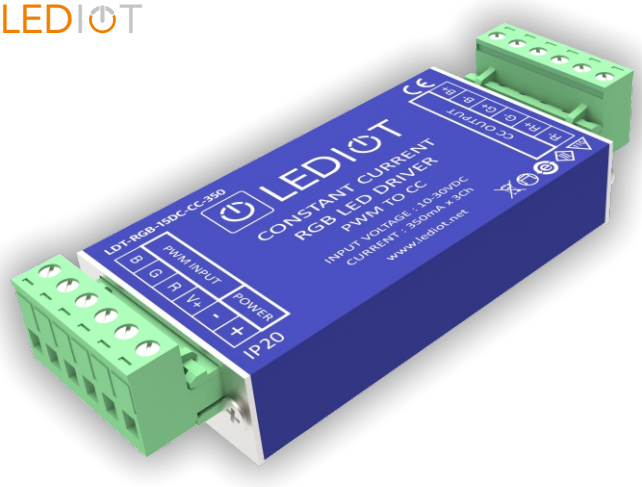
DC-DC Constant Current RGB LED Driver (350mA - 700mA)

LDT-RGB-15DC-CC



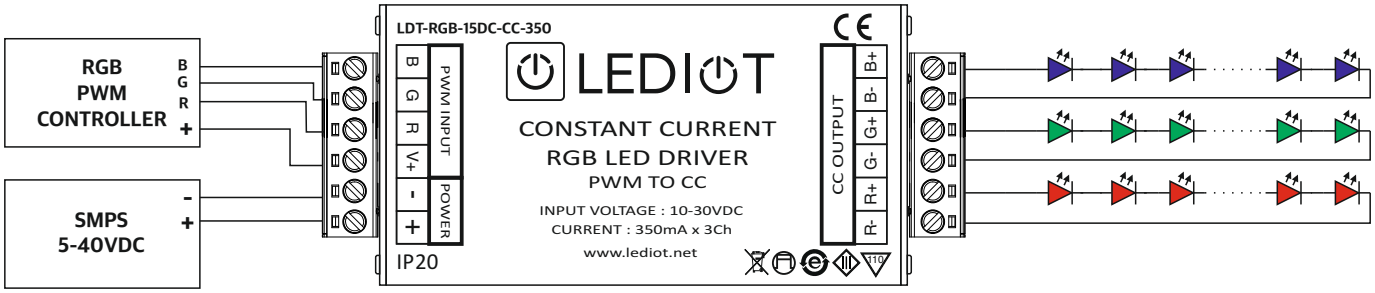
Features

- Constant current output : 350mA - 500mA - 700mA x 3ch
- Wide input voltage : 10V to30V 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-RGB-15DC-CC-350mA	LDT-RGB-15DC-CC-500mA	LDT-RGB-15DC-CC-700mA
OUTPUT CURRENT RANGE	3x350mA	3x500mA	3x700mA
INPUT VOLTAGE RANGE	10~30VDC		
OUTPUT VOLTAGE RANGE	5~24VDC		
CURRENT ACCURACY (Typ.)	±5% at 24VDC input		
EFFICIENCY (max.)	95% at full load and 24VDC input		
PWM FREQUENCY	1KHz		
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	98.6*43*17mm		
BODY MATERIAL	Aluminium		

Connection Diagram



- Min. 2 Led (Input : 10VDC) - per Channel
- Max. 8 Led (Input : 30VDC) - per Channel

(Led Voltage is calculated as 3VDC 350mA)

- **The supply voltage should be MIN. 5V 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.**