EuControls
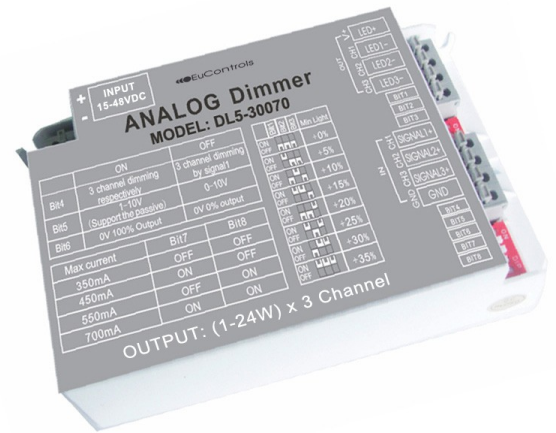COLORS AND LIGHTS UNDER YOUR CONTROL

DL5-30070
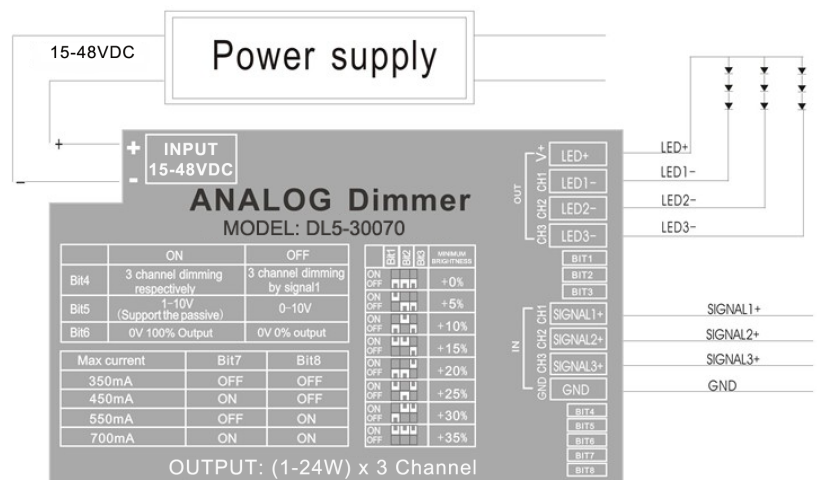## Dimming Driver

Product Features

- 3-Channel constant current output.
- Maximum output current can be adjusted by DIP switches.
- Minimum output current can be adjusted by DIP switches.
- Supports various analog diming signals.
- 0V dimming signal can be set to 0% or 100% by DIP switches.
- 3-channel dimming can be controlled individually by DIP switches.
- Short and open circuit protection and over heat control.

Product Specifications

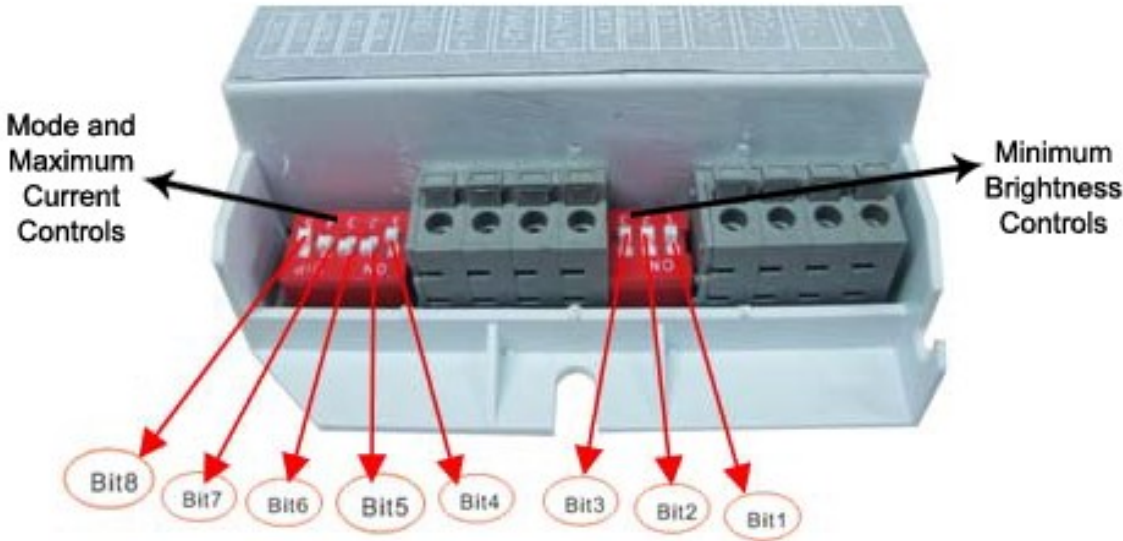|	
Input Voltage	15-48VDC
Channel	3
Types of Maximum Output Current	350mA x 3 Channels
	450mA x 3 Channels
	550mA x 3 Channels
	700mA x 3 Channels
Load Capacity	1-24W per channel
Full-load Efficiency	>90%
Minimum Current Choices	8
Operating Temperature	0 - 50°C
Types of Supported Dimming Signal	0-10V Active dimming signal
	1-10V Passive dimming signal
	1-10V Active dimming signal
Dimensions	(L)154 x (W)75 x (H)30 (mm); 6.06 x 2.95 x 1.18 (inch)
Weight	134g

Connection Instructions

⌂ Note

This controller uses a voltage-reduction driving mode. The power supply voltage required is no less than the total voltage of the light which it is connected to.

Specifications subject to change without notice

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DL5-30070
Dimming Driver

Appearance

Mode and Maximum Current Controls

Minimum Brightness Controls

Bit8 Bit7 Bit6 Bit5 Bit4 Bit3 Bit2 Bit1

Data Tables

	ON	OFF
Bit4	Controls 3-Channel dimming respectively	Controls 3-Channel dimming by signal 1
Bit5	1–10V (Support the passive)	0–10V
Bit6	0V 100% Output	0V 0% output

Max current	Bit7	Bit8
350mA	OFF	OFF
450mA	ON	OFF
550mA	OFF	ON
700mA	ON	ON

	Bit1	Bit2	Bit3	Minimum Brightness
ON / OFF	OFF	OFF	OFF	+0%
ON / OFF	ON	OFF	OFF	+5%
ON / OFF	OFF	ON	OFF	+10%
ON / OFF	ON	ON	OFF	+15%
ON / OFF	OFF	OFF	ON	+20%
ON / OFF	ON	OFF	ON	+25%
ON / OFF	OFF	ON	ON	+30%
ON / OFF	ON	ON	ON	+35%