SPECTRUM ILLUMINATION
THE LARGEST IN VISION LIGHTING

ALDM350/1 Series
DRIVER

Replaces ALDM SP1.25 series driver

MONSTER LIGHT

- 0-10VDC Analog Control for intensity ~10% to 100%
- Current Regulating
- 24VDC
- DIN Rail Mount
- PNP/NPN Strobe or Continuous Mode

ELECTRICAL:

Input Voltage:	24 VDC -0.5 / +4V
Input Current:	0.5 Amp
Connection:	Screw terminals

ALDM Top View

#2 GND

#1 24 VDC

#3 NPN STROBE INPUT GND for "ON" Open for "OFF"

#4 PNP STROBE INPUT < 1 VDC for "OFF" >3 VDC for "ON"

#5 ANALOG INPUT 0 – 10 VDC Intensity Control

#1 - White Wire

To LED Light

#2 - Black Wire

#3 & 4 - Not Used

ALDM Bottom View

ALDM350/1 is compatible with the following lights:
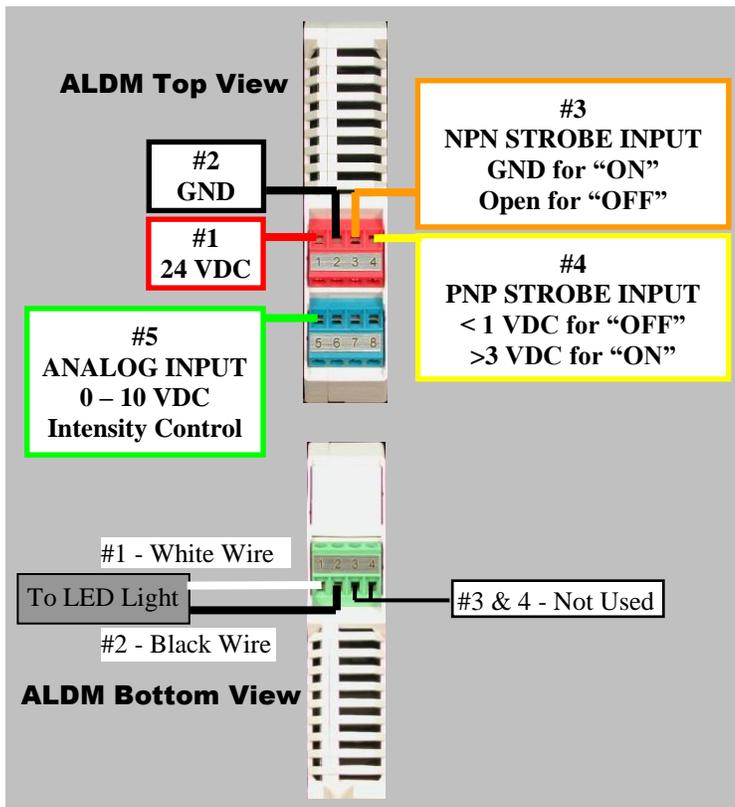
SP1.25 – All Colors

NOTE:
Jumper 24VDC to PNP Strobe Input or GND to NPN Strobe input for light to remain in constant "ON" state.

Strobe is Pulse Width Duration – Light will remain "on" for duration of signal or pulse.

Note: 24V power supply return and GND reference for 0-10V input must be connected to pin #2 (GND) of red connector.

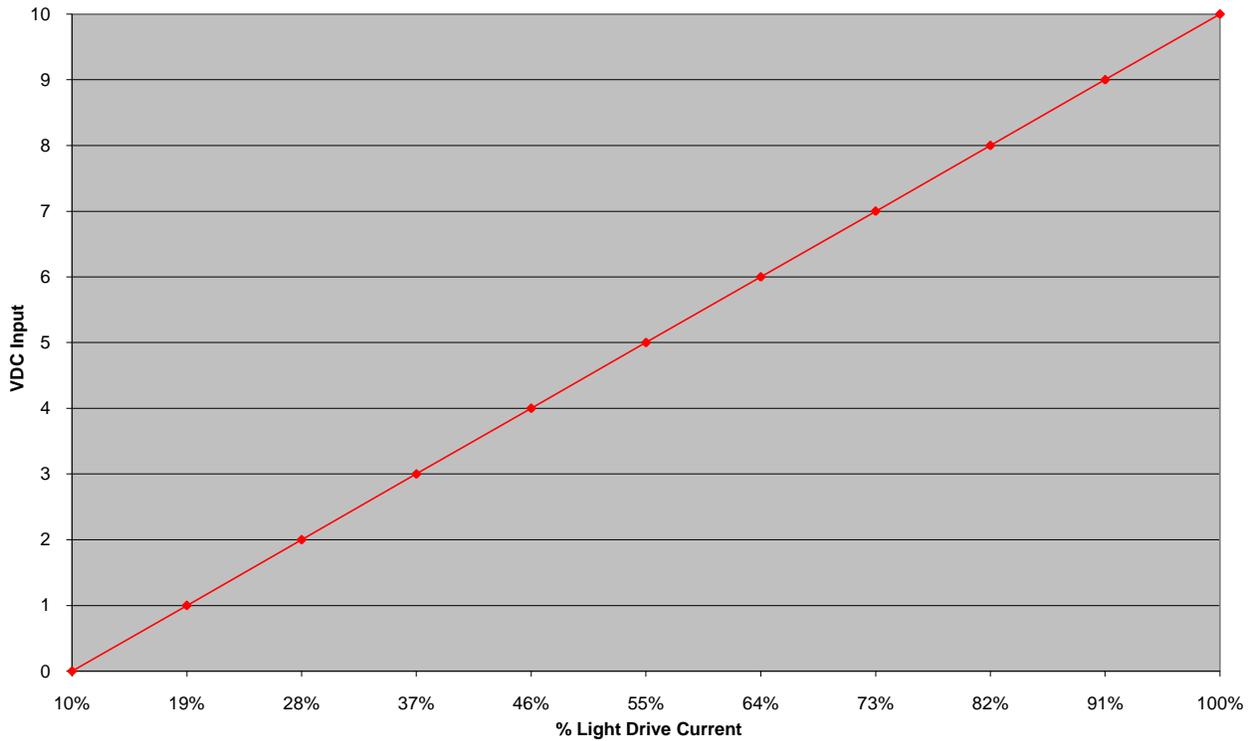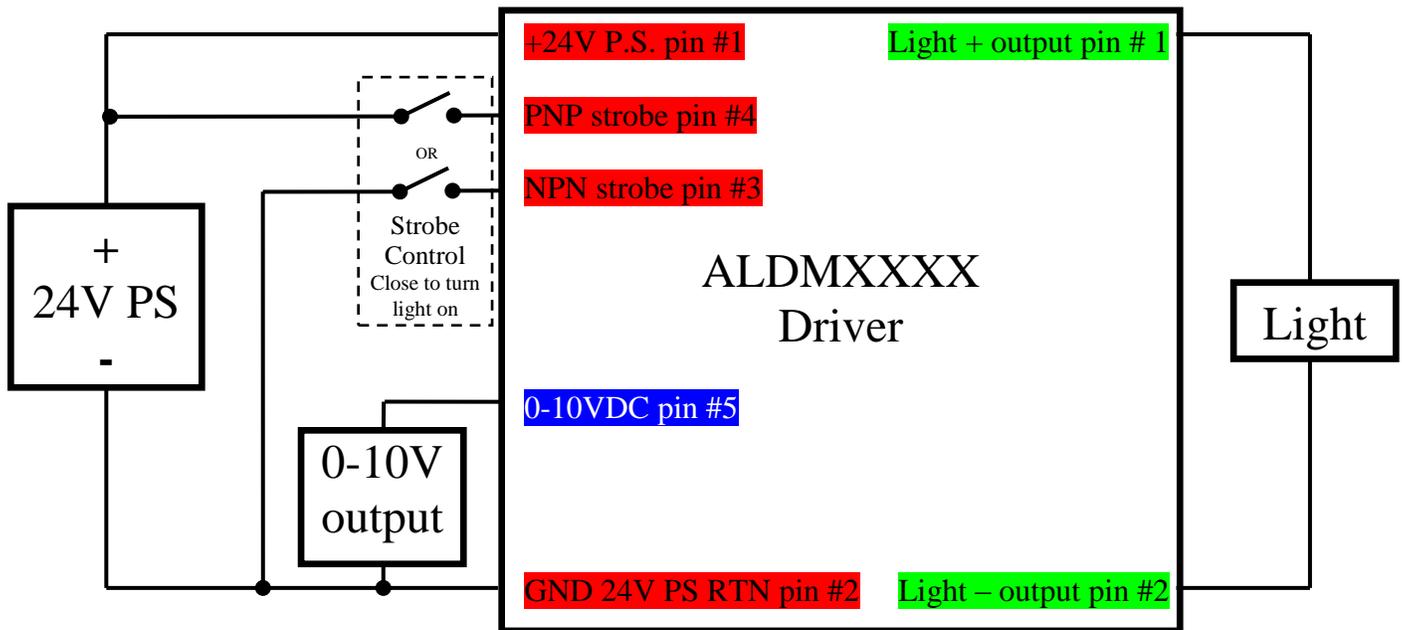Note: Brown, Blue and Green wires are not used on ALDM350/1 Driver

Warning!!!

**USE ONLY SPECTRUM ILLUMINATION LDM DRIVER WITH MONSTER LIGHTS.
DO NOT CONNECT MONSTER LIGHTS DIRECTLY TO 24VDC!**

Rev. Date: 2009-05-21

Analog Voltage vs. Light Drive Current

Wiring Block Diagram

+24V P.S. pin #1

Light + output pin # 1

PNP strobe pin #4

OR

NPN strobe pin #3

Strobe
Control
Close to turn
light on

+
24V PS
-

ALDMXXXX
Driver

Light

0-10VDC pin #5

0-10V
output

GND 24V PS RTN pin #2

Light – output pin #2

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