



# NECSEL™ NOVALUM

RGB NOVALUM LASER DRIVER

Version 1.0



## INTELLIGENT & FUNCTIONAL

The Necsel NovaLum Controller is a multi-channel driver that features a host of functions unique to its small industrial design. The driver featuring color sequential high speed modulation, customizable pulse programs, and a full command API for easy OEM integration.

### FEATURES

- Autostart
- High Speed Pulsing
- Independent Modulation
- Temperature Monitoring
- External Analog Control
- Programmability
- Optional PCB Version

### ATTRIBUTES

- Safety Interlock
- Windows GUI
- TTL External Trigger
- USB & RS-232 Connection
- 15 V DC input Power
- Power On Indicator
- Laser On Indicator

# SPECIFICATIONS SUMMARY

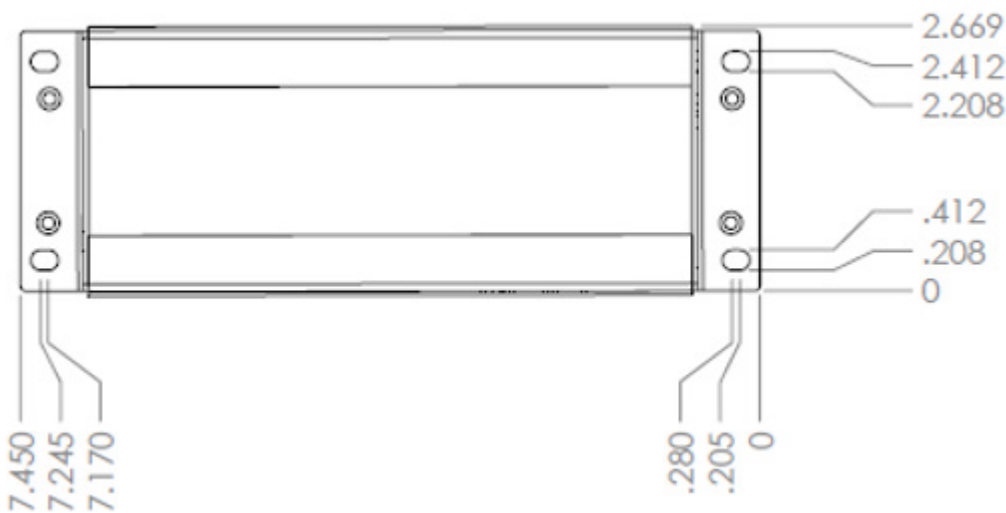
Input Voltage	15 V nominal +/- 5%
Input Current	4 A
Input Power	65 W

# OUTPUT CHARACTERISTICS

First Channel	2-6 V at 2 A max.
Second Channel	2-6 V at 2 A max.
Third Channel	2-10 V at 1 A max.
PARD (periodic & random deviation)	<1% maximum current

# INTERFACE

External Analog Current Bias	0-3 V approx. 0-full scale, one input per laser
External/Intenal Pulse	TTL, 1 KHz max, one input per laser
Laser Temperature	10 Kohm Thermistor, one input per laser



# OPTIONAL ACCESSORIES



TRANSPORT FIBER



DEVELOPER'S KIT



NovaLum LASER