

POWER CONNECTOR

12VDC, CENTER- POSITIVE, 2.1mmx5.5mm barrel

LOAD CURRENT @ 12vDC ROOM TEMPERATURE

0%= 60.2mA

50%= 190mA

100%= 359mA

POWER LED

ON= 5v board supply is present

HIGH/ LOW CURRENT LED

ON= 700mA maximum LED current, OFF= 350mA maximum LED current

RS232 INTERFACE

Connection to PC made via standard RS232 Cable

3400bps, 8 pit, no parity, one stop bit

USB INTERFACE

Connection to PC made via standard USB cable to USB port

Requires installation of FTDI virtual COM port (VCP) driver on PC

ROTARY ENCODER

Manual LED control- .1% resolution

LED CONNECTOR

6 pin MINI-DIN

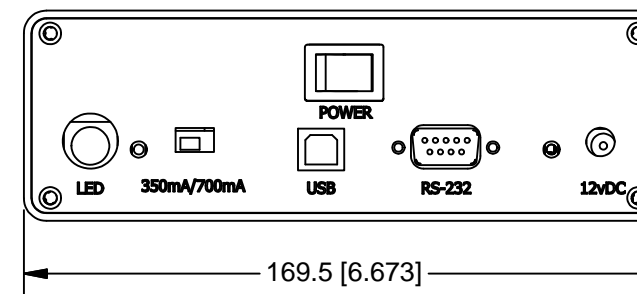
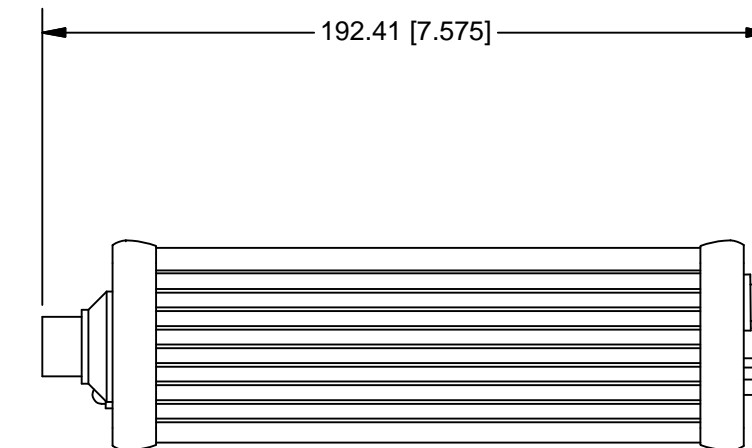
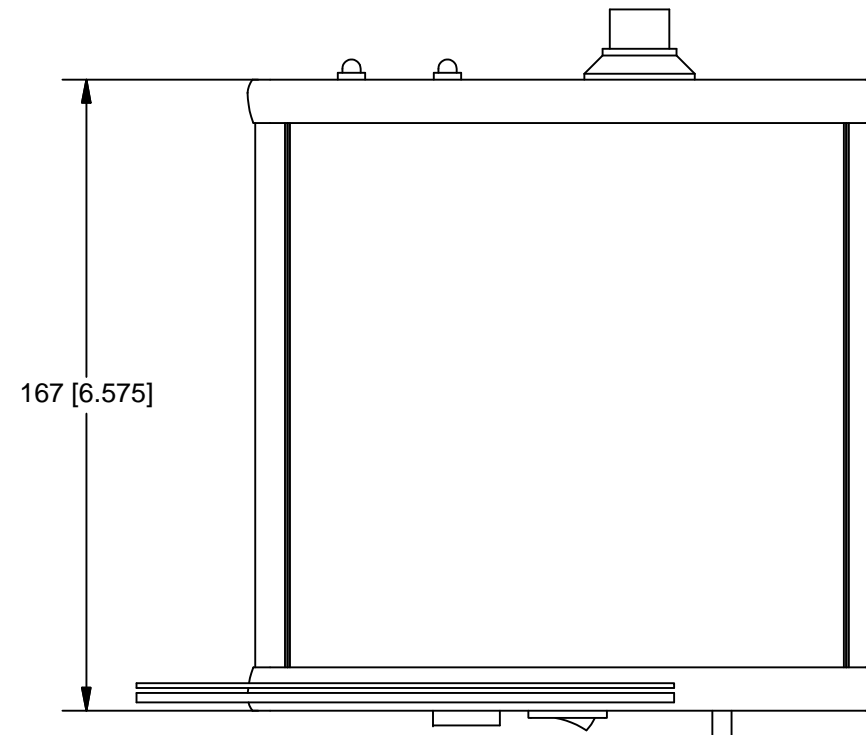
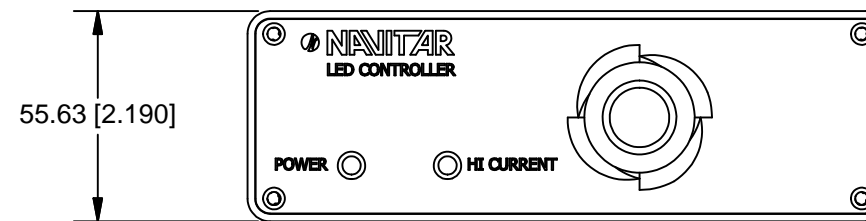
Constant- current sink

To enable HIGH/LOW current switch:

Pins 3->5 and Pins 4->6

must be tied together on LED harness

REVISION HISTORY				
REV	DESCRIPTION	DATE	DR BY	CH BY
A	RELEASE	5/19/2011	CB	REP



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OUTLINE

UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES [MM] AND INCLUDE CHEMICALLY APPLIED OR PLATED FINISHES		PROPRIETARY AND CONFIDENTIAL THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF NAVITAR. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF NAVITAR IS PROHIBITED.			
SCALE:	1:2				
WEIGHT:	N/A			CONTROLLER, 350mA/700mA, NAVITAR LED	
DR BY:	CB				
CH BY:	R. PODLENA			SIZE B	1-40042 SHEET 2 OF 2
PROJECT #:	E2671	DO NOT SCALE DRAWING			
DATE DR:	3/24/2011			REV A	