



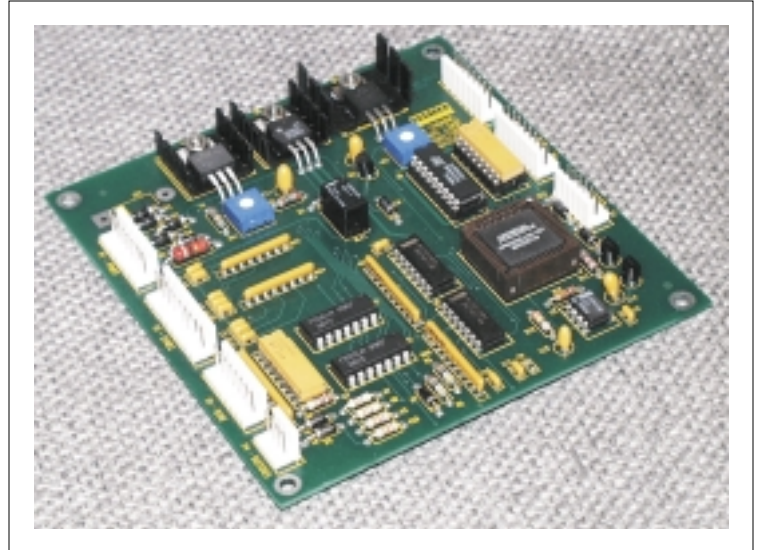
# Product Information

293 Mansfield Place  
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## 8 POINT NAVIGATION LAMP MONITOR

### features

- Individual lamp fail indication**
- Power source monitoring**
- Built in battery charger**
- Dual power source inputs**
- Dimmable indicator lamps**
- Test switch**
- Dimmer override on new alarms**



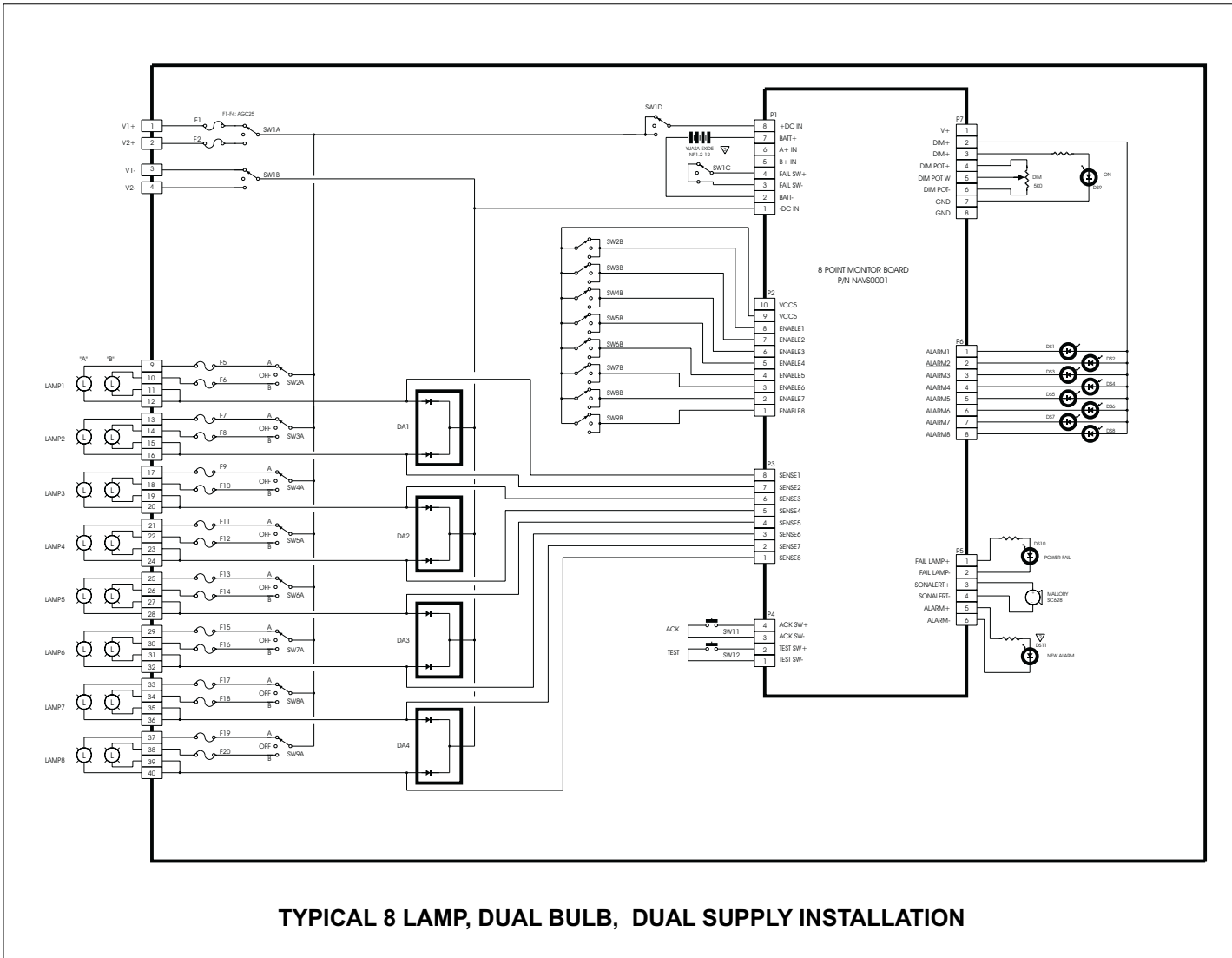
### description

This board provides all the required features necessary for construction of a navigation lamp monitor. These features include built in fail sensing circuits, dual input supplies, power supply monitoring and an optional battery charger for a local gel-cell.

Each navigation lamp is individually monitored and a fail condition is indicated by a flashing lamp along with an audible signal. Once the failure has been acknowledged, the indication will change to a steady lamp and the audible signal will be silenced. There is a separate output provided for an external alarm indication. Correction of the fault condition will remove the alarm indication once it has been acknowledged. Any alarms that have not been acknowledged will be latched so that intermittent faults will be captured.

The input power is monitored at all times and will indicate an alarm if the primary supply fails. In order to provide the necessary power for this circuit, either a second power source or the optional internal battery supply is required. A regulated trickle charger is incorporated on the board for use with this battery.

For further information on this or other Nortek products, please contact us via any of the following methods-  
Telephone: (604) 980 2811 / Facsimile: (604) 980 0907 / Internet: <http://www.nortek.com>



**TYPICAL 8 LAMP, DUAL BULB, DUAL SUPPLY INSTALLATION**

## SPECIFICATIONS

Number of monitored points.....	8
Supply voltage .....	12, 24 or 32 VDC
Size .....	4.95" x 4.7" (12.57cm X 11.94cm)
Weight.....	3.9 oz (110.5g)
Current drain (excluding external indicators) .....	.55Ma (max)
Input switches .....	2 (Silence and Acknowledge)
Lamp fail indication .....	Flashing lamp and audible alarm
Transient failures.....	Latched until acknowledged
Power fail indicator.....	Yes
Power available indicator .....	Yes
Optional battery backup for power fail .....	Yes
Built in trickle charger.....	Yes
Built in dimmer circuit.....	Yes
Dimmer override .....	Yes on all new alarms

All specifications are subject to change. Nortek Electronics reserves the right to modify the above product without notice in order to improve performance and other specifications.