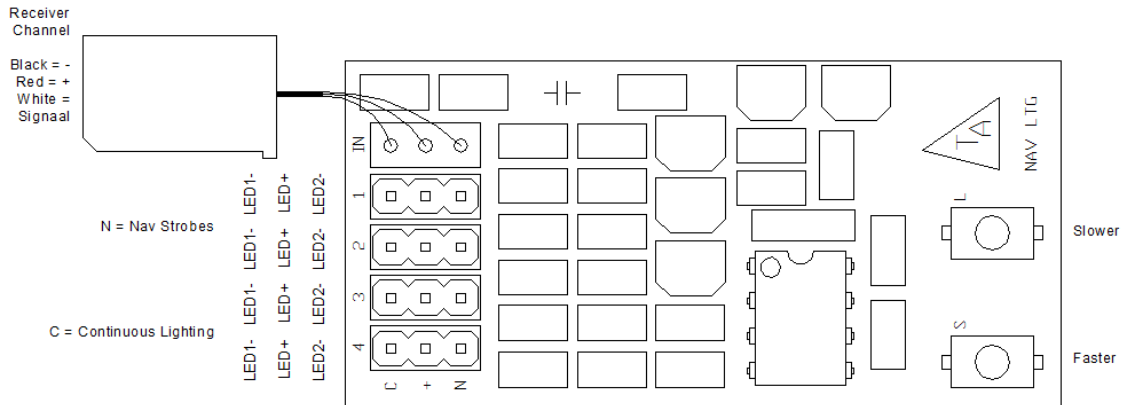




Part nr. 1035-2 rev2.5 firmware: rev 4.1
Power: 3V – 5.5V

Includes: 3 ultra bright LED's
red, green, white



User's Guide

Lights are the finishing touch on whatever you are building. Whether it is an airplane, helicopter, boat, car or whatever, the navigation lighting module can be set just right for it with the touch of a button. The ultra-bright LED's are available in all the necessary colors. The unit can be controlled by an on-off signal from a switch or by a servo channel.

Note: This product requires soldering of the included LED's by the user.

To decrease the flash frequency:
Push the 'L' button and hold for 1 flash cycle.

To increase the flash frequency:
Push the 'S' button and hold for 1 flash cycle.

To choose the next flash pattern:
Push both the 'L' button and the 'S' button hold for 1 flash cycle. (See page 3 for flash patterns)

The pushbuttons are read once before each flash cycle. If the button is held on it will be read and acted upon repeatedly. The new settings are stored in memory and retained even when the power is off

Use a ferrite ring around the cables in case of receiver interference.

Control signals: (See page 2)

1. If the unit is connected to a receiver, the lights can be turned on and off with a receiver channel.
2. A switch can also be connected between the + and Control input wires in the receiver plug.
3. The control input can simply be connected to the +. The module is then always on.

LED Outputs:

Strobe Lights: The LEDs connected to the N pins will flash if the input signal is on.

Continuous Lights: The LEDs connected to the C Pins will be on continuously if the input signal is on.

LED Connections:

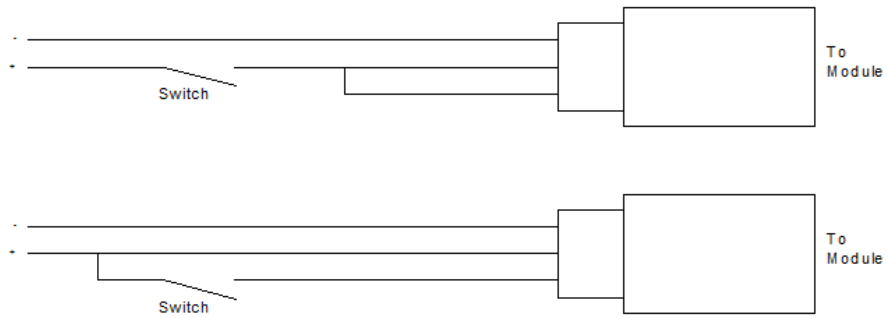
Connect the + lead from the LEDs to the center pin of the connector.

Connect the – lead from one LED to one of the outside pins. Each outer connector pin supports one LEDs Maximum: 8

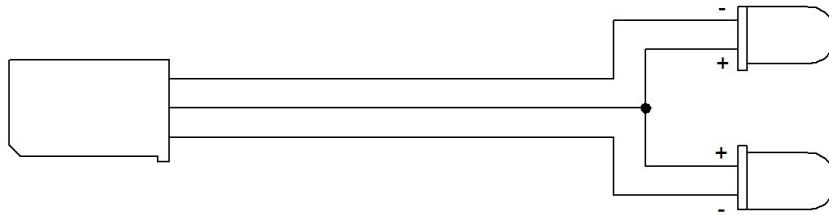
Caution: LED light output is bright enough to cause injuries to the eyes. Precautions must be taken to prevent looking directly at the LED without proper safety equipment.

Switch Input Connection (If you don't use a receiver channel)

Check for the full version of this manual at: <http://www.thomson-automation.com/RC/WebModules/1035/1035en.aspx>



LED Cable schematic



Specifications

Name:	Navigation Lighting Module II
Part nr.	1035-2
Hardware rev:	2.5.2
Firmware rev:	4.1
Control voltage :	3.5V – 5,5V
Current use:	Variable per settings
Weight:	16 gm
Cable length:	29 cm
Available flash patterns:	10
Lamp channels:	8
Output channels:	3
Control input:	1-2ms pulse or switched V+
Standard configuration:	Futaba input, pin header output

Accessories:

LED cable	20"
LED cable	40"
Input cable	(If you don't use a receiver channel)