

# Model SG20-NS 12/24vdc LED Stop and Go Traffic Light No Switch

**Stop and Go Traffic Lights** increase safety by providing visual communication anywhere a positive go/no-go signal is required.

## Features:

- Durable Polypropylene plastic housing (available in safety yellow or black) will not rust, pit or corrode.
- Integral eyebrow style sun visors provided extended visibility while shielding the lights from rain and snow.
- Shallow unit depth reduces the risk of damage while convenient mounting holes provide simple installation.
- UL & cUL Listed
- LEDs reduce energy costs by 90% compared to conventional incandescent lights!

Use the SG20 No Switch Model (SG20-12NS/SG20-24NS) Stop & Go Traffic Lights for installations utilizing external controllers such as drive thru indicators and for OEM applications.



## Technical Specifications

Housing	Safety Yellow or Black Polypropylene			
Power Source	12 or 24 Volt DC Operation			
Lens Diameter	4 1/4"			
Dimensions	11 3/8" H x 6 3/8" W x 3 3/4" D			
Shipping Weight	2 lbs. per unit			
Draw	12vdc	2.17 Amps	24vdc	1.10 Amps

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## IMPORTANT SAFETY INFORMATION

**CAUTION!** The individual user should determine prior to use whether this device is suitable, adequate or safe for the use intended. Since individual applications are subject to great variation, the manufacturer makes no representation or warranty as to suitability or fitness of these devices for any specific application.

## Voltage Options: 12vdc, 24 vac/vdc



The Model SG20NS is equipped with an internal flasher and ready for use with a remote switch. It can be used as a “stand alone” unit, or in conjunction with our SG10 of the same voltage.

**CAUTION!** Units with LED lamps require careful control of the DC input voltages if generated from AC power sources. Insure that DC voltage do not exceed 110% of rated voltages.

### Installation:

1. Choose a location within convenient distance of a suitable power source. The power connection can be through the underside of the housing or through the back plate. Use the ½” EMT fitting provided, or through the back plate.
2. Using the housing as a template, mark and drill four (4) corner holes in suitable mounting location. If mounting to brick or masonry, size the holes to accept ¼” diameter lag-type fasteners and anchors.
3. Use back plate gasket provided to secure the back plate when mounting unit to the wall.
4. Connect Remote Switch.
5. Apply power and check operation.

## Replacement Parts List

Part#	
A16115R	Red signal assembly, 115 VAC
A16115G	Green signal assembly, 115 VAC
A1612R	Red signal assembly, 12 VDC
A1612G	Green signal assembly, 12 VDC
A1624RH	Red signal assembly, 24 VAC/VDC
A1624GH	Green signal assembly, 24 VAC/VDC
503005	On/Off Switch
553031	2-Wire Flasher
203014T	Yellow Housing, and rear panel
203017T	Black Housing and rear panel
813008	Wall Gasket
410403	1/2” EMT Fitting

## LIMITED WARRANTY

If it appears within one (1) year from date of delivery to Purchaser that any products or component parts do not conform exactly to the specifications and physical dimensions referred to above, and the Purchaser, at its expense, returns the product or component parts to the Seller together with a report of defects, the Seller shall review the inspection report and inspect the items and shall authorize, at its option, either the repair or replacement of any non-conforming products or component parts, whether on warranty, contract of negligence, shall not in any case exceed the amount to be paid by the Seller in obtaining and repair or replacement of non-conforming products or component parts, and upon expiration of the warranty period, all liability of the Seller shall be terminated.

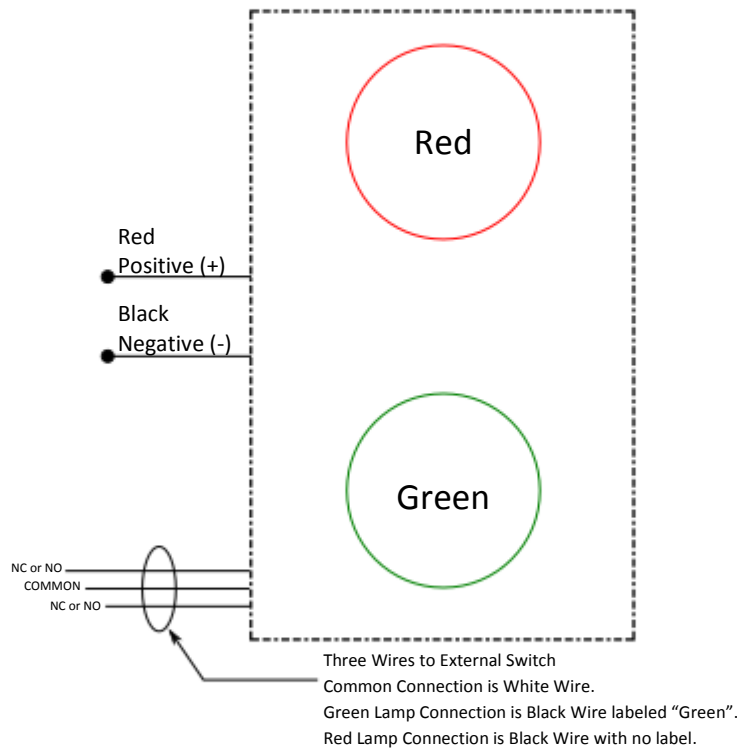
Incandescent bulbs incorporated into Tri Lite products are considered consumable items and are not covered by this warranty.

Seller shall not be liable for any injury, loss or damage, direct or consequential arising out of the use or the ability to use the product. This warranty gives specific legal rights. You may have other rights, which vary from state to state. Some states do not allow the exclusion or limitation of incidental or consequential damages, so that the above limitation of exclusion may not apply to you.

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Wiring Diagram for Models  
SG20-NS (LED) 12vdc & 24vdc

SG20(B)-12NS-LED  
SG20-24NS-LED  
with LED Lamps



● External Connection