

## Brilliance by design

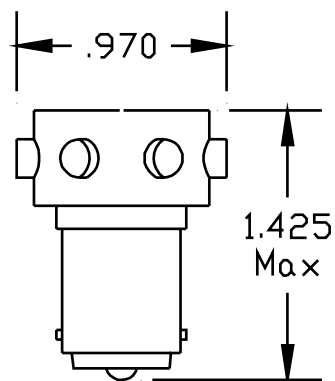
### S8 Model 460 Machine Signal Stack Light

#### MODEL 460

Bayonet base LED stack light. 360 degree viewing angle. All models are dual polarity which accommodates positive center, negative center and AC applications.

#### FEATURES

- Low power consumption
- Long life
- Double contact bayonet base
- Versatile applications



460

#### HOW TO ORDER

| <u>Voltage</u> | <u>Model No.</u> |
|----------------|------------------|
| 24V            | 460-24X          |
| 28V            | 460-28X          |
| 60V            | 460-60X          |
| 120V           | 460-120X         |

Where the 'X' appears insert: 1-Red, 2-Green, 3-Yellow, 4-Amber, 5-Ultra Green, 6-Ultra Blue, 7-Pure White

NOTE:

\*for voltage/current specs, see page 7-9

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### LED Replacements for Incandescent Lamps

#### LED Specifications and Technical Data

LED data for models 160, 162, 164, 460, 510, 516, 522, 532, 513, 541

| Color Choice | LED Size | Raw Chip Material | Emitted Color | Wave Length | Viewing Angle (Deg.) | Iv (mcd) Typical | If (mA) Typical | Vf (V) Typical |
|--------------|----------|-------------------|---------------|-------------|----------------------|------------------|-----------------|----------------|
| 1            | T 1-3/4  | GaAlAs            | Red           | 660         | 22                   | 3000-4000        | 20              | 2.1            |
| 2            | T 1-3/4  | Gap               | Green         | 565         | 20                   | 750              | 20              | 1.8            |
| 3            | T 1-3/4  | AlInGap           | Yellow        | 595         | 22                   | 2000-3000        | 25              | 2.1            |
| 4            | T 1-3/4  | AlInGap           | Amber         | 611         | 22                   | 2000-3000        | 25              | 2.1            |
| 5            | T 1-3/4  | InGaN             | Ultra Green   | 575         | 30                   | 2200             | 25              | 3.5            |
| 6            | T 1-3/4  | InGaN             | Blue          | 470         | 30                   | 500              | 25              | 3.5            |
| 7            | T 1-3/4  | InGaN/ YAG        | Pure White    |             | 45                   | 1200             | 25              | 3.5            |

LED data for models 159, 197, 311

| Color Choice | LED Size | Raw Chip Material | Emitted Color | Wave Length | Viewing Angle (Deg.) | Iv (mcd) Typical | If (mA) Typical | Vf (V) Typical |
|--------------|----------|-------------------|---------------|-------------|----------------------|------------------|-----------------|----------------|
| 1            | T-1      | GaAlAs            | Red           | 660         | 30                   | 1250             | 20              | 1.8            |
| 2            | T-1      | Gap               | Green         | 568         | 20                   | 500              | 20              | 1.8            |
| 3            | T-1      | AlInGap           | Yellow        | 595         | 30                   | 500              | 25              | 2.1            |
| 4            | T-1      | AlInGap           | Amber         | 611         | 30                   | 500              | 25              | 2.1            |
| 5            | T-1      | InGaN             | Ultra Green   | 575         | 30                   | 1700             | 25              | 3.5            |
| 6            | T-1      | InGaN             | Blue          | 470         | 30                   | 650              | 25              | 3.5            |
| 7            | T-1      | InGaN/ YAG        | Pure White    |             | 45                   | 630              | 25              | 3.5            |

Note: The specifications listed above are subject to change. For special LED requirements and color please contact SloanLED.