

# PILOT LIGHTS - INSTRUMENT LIGHTING

## NULITE INSTRUMENT LIGHTING SYSTEM



Replace your existing lighting system of post lights or indirect lighting using the latest technological developed in optical enhancements. The NULITE uses dual incandescent bulbs with a rated life of 10,000 hours in a translucent material designed to look like an internally lighted unit. Nulites are easily installed by anyone in just minutes and are pre-cut to fit all standard instruments operating on 14, or 28 Volts. NULITE light

wedges can be installed over the instrument or between the panel and the instrument. One wire is connected to ground and the other to a dimmable buss. Installation takes about 30 minutes for each unit and does not require any special tooling. The instrument is not altered in any way therefore only a log book entry is required. FAA/PMA approved.

**Will not work with DC to AC inverted systems**

| Volts | Description                     | Model No.   | Part No. | Price |
|-------|---------------------------------|-------------|----------|-------|
| 14v   | 2-1/4" No Cutout                | LW2014      | 11-03851 | .     |
| 14v   | 2-1/4" with Left Cutout         | LW2014A     | 11-01257 | .     |
| 14v   | 2-1/4" with Right Cutout        | LW2014B     | 11-04373 | .     |
| 14v   | 3-1/8" No Cutout                | LW3014      | 11-02572 | .     |
| 14v   | 3-1/8" with Left Cutout         | LW3014A     | 11-02673 | .     |
| 14v   | 3-1/8" with Right Cutout        | LW3014B     | 11-02574 | .     |
| 14v   | 3-1/8" with Left + Right Cutout | LW3014AB    | 11-00818 | .     |
| 14v   | 3-1/8" for Altimeters           | LW3014AA    | 11-02573 | .     |
| 14v   | 3-1/8" for VSI                  | LW3014V     | 11-01099 | .     |
| 28v   | 2-1/4" No Cutout                | LW2028      | 11-02571 | .     |
| 28v   | 2-1/4" with Left Cutout         | LW2028A     | 11-04374 | .     |
| 28v   | 2-1/4" with Right Cutout        | LW2028B     | 11-04375 | .     |
| 28v   | 3-1/8" No Cutout                | LW3028      | 11-03852 | .     |
| 28v   | 3-1/8" with Left Cutout         | LW3028A     | 11-02762 | .     |
| 28v   | 3-1/8" with Right Cutout        | LW3028B     | 11-03853 | .     |
| 28v   | 3-1/8" with Left + Right Cutout | LW3028AB    | 11-01352 | .     |
| 28v   | 3-1/8" for Altimeters           | LW3028AA    | 11-02851 | .     |
| 28v   | 3-1/8" for VSI                  | LW3028V     | 11-01230 | .     |
| 28v   | Replacement Bulb                | LIGHTBAR-28 | 11-18998 | .     |



## NULITE NV6 LIGHTING

**Features:** • Daytime Readability: Because Nulites utilize an open ring bezel, there are no daytime readability issues • Ease of Installation: A typical aircraft installation takes approximately 8 hours and can be done in the field by an A&P

mechanic • Color Shifting: Nulites uses NVIS White Technology that does not shift any color and illuminates what is on the instrument • Upgrades the Panel Not The Instrument: Nulite nv6 does not alter the instrument in any way and reduces the need for rotatables • Lower Cost: A Nulite nv6 conversion cost a third of what traditional filtered conversions cost • Reduce Training Time: With an open ring bezel, there is no need for additional training for Daytime Operations. **Specifications:** • NVIS White long lasting LED • Pulse type dimming circuit • 28 volt systems with lower power consumption (40ma average per unit) • Nulites are FAA approved and STC's are available, .220" thick and tight tolerances of .005" • Meets all FAR burn tests • NVIS radiance per MIL-STD-3009

|                                         |              |
|-----------------------------------------|--------------|
| White Light 28V 3-1/8" Round            | P/N 11-08774 |
| White Light 28V 3-1/8" Left Cutout      | P/N 11-08775 |
| White Light 28V 3-1/8" Altimeter Cutout | P/N 11-08776 |
| White Light 28V Left & Right Cutout     | P/N 11-08777 |
| White Light 28V 3-1/8" Right Cutout     | P/N 11-08778 |
| White Light 28V 3-1/8" VSI Cutout       | P/N 11-08779 |
| White Light 28V 2-1/4" Round            | P/N 11-08780 |
| White Light 28V 2-1/4" Left Cutout      | P/N 11-08781 |
| White Light 28V 2-1/4" Right Cutout     | P/N 11-08782 |

## NULITE LED INSTRUMENT LIGHT BUNDLES



This LED light wedge and dimmer starter kit from Nulite includes two (2), 3-1/8-inch LW3034 and one (1), 3-1/8 inch LW3034AA light wedges, plus one (1) MaxDim 9100-001-A Dimmer controller from Seaton Engineering and operates on 14 volts. Nulite LED aircraft instrument lights use bright, long-lasting LEDs inside of a special bezel that focuses light toward the instrument, rather than toward the pilot's eyes. The MaxDim Dual controller

from Seaton Engineering is the perfect option for controlling lighting and instrument panels in new or existing aircraft.

|                     |              |
|---------------------|--------------|
| 14V LED Bundle      | P/N 11-13951 |
| 28V LED Bundle      | P/N 11-13956 |
| 14V LED Dual Bundle | P/N 11-13957 |
| 28V LED Dual Bundle | P/N 11-13958 |

## GLOW STRIPS - GLARE SHIELD LIGHTING



Superior Panel Technology has developed a brighter, more uniform and longer lasting Glare Shield lighting system. The 18" x 1" Glow Strip electroluminescent lamps provide a beautiful fluorescent-like aviation green or a white light output. The ultra-thin lamps (.065 including the adhesive backing) are very flexible and conform to the curves of the

underside of the glare shield. The Glow Strips meet the FAA 23.853 burn test. Inverters ARE included with the kit. A solid state dimmer and battery back-up system is available and recommended (see part numbers below).

| Green                                                  |          |       |  |
|--------------------------------------------------------|----------|-------|--|
| Description                                            | Part No. | Price |  |
| Single Glow Strip 14V No Dimmer                        | 11-00847 | .     |  |
| Two Glow Strip 14V No Dimmer                           | 11-00848 | .     |  |
| Two Glow Strip 28V No Dimmer                           | 11-00849 | .     |  |
| Single Glow Strip 14V Dimmer with Switch (Recommended) | 11-10617 | .     |  |
| Single Glow Strip 14V Dimmer without Switch            | 11-10613 | .     |  |
| Single Glow Strip 28V Dimmer with Switch (Recommended) | 11-17533 | .     |  |
| Single Glow Strip 28V Dimmer without Switch            | 11-17532 | .     |  |
| Single Glow Strip 28V No Dimmer                        | 11-17531 | .     |  |
| Two Glow Strip 14V Dimmer with Switch (Recommended)    | 11-10618 | .     |  |
| Two Glow Strip 14V Dimmer without Switch               | 11-10614 | .     |  |
| Two Glow Strip 28V Dimmer with Switch (Recommended)    | 11-10619 | .     |  |
| Two Glow Strip 28V Dimmer without Switch               | 11-10616 | .     |  |
| White                                                  |          |       |  |
| Description                                            | Part No. | Price |  |
| Single Glow Strip 14V No Dimmer                        | 11-10525 | .     |  |
| Two Glow Strip 14V No Dimmer                           | 11-10528 | .     |  |
| Two Glow Strip 28V No Dimmer                           | 11-10529 | .     |  |
| Single Glow Strip 14V Dimmer with Switch (Recommended) | 11-10633 | .     |  |
| Single Glow Strip 14V Dimmer without Switch            | 11-10624 | .     |  |
| Single Glow Strip 28V Dimmer with Switch (Recommended) | 11-17536 | .     |  |
| Single Glow Strip 28V Dimmer without Switch            | 11-17535 | .     |  |
| Single Glow Strip 28V No Dimmer                        | 11-17534 | .     |  |
| Two Glow Strip 14V Dimmer with Switch (Recommended)    | 11-10634 | .     |  |
| Two Glow Strip 14V Dimmer without Switch               | 11-10622 | .     |  |
| Two Glow Strip 28V Dimmer with Switch (Recommended)    | 11-10636 | .     |  |
| Two Glow Strip 28V Dimmer without Switch               | 11-10626 | .     |  |

### Accessories

Solid State Dimmer ..... P/N 11-00846 .....

## NULITE INSTRUMENT LED LIGHTING SYSTEMS



NULITEs are a revolutionary lighting system for aircraft instruments. They give the same lighting appearance as internal lighting kits at a fraction of the cost. NULITEs have a special bezel that focus light toward the instrument, preventing light from reflecting into the pilot's eyes. When sandwiched

between the instrument and panel, NULITEs reduce glare and "hotspots" by concentrating 60% of the light on the upper half of the instrument.

| Volts | Description                         | Model No. | Part No. | Price |
|-------|-------------------------------------|-----------|----------|-------|
| 14v   | 2-1/4" LED round                    | LW2034    | 11-13932 | .     |
| 14v   | 2-1/4" LED with Left Cutout         | LW2034A   | 11-13933 | .     |
| 14v   | 2-1/4" LED with Right Cutout        | LW2034B   | 11-13934 | .     |
| 14v   | 3-1/8" LED round                    | LW3034    | 11-13935 | .     |
| 14v   | 3-1/8" LED with Left Cutout         | LW3034A   | 11-13936 | .     |
| 14v   | 3-1/8" LED Altimeter Cutout         | LW3034AA  | 11-13937 | .     |
| 14v   | 3-1/8" LED with Left + Right Cutout | LW3034AB  | 11-13938 | .     |
| 14v   | 3-1/8" LED with Right Cutout        | LW3034B   | 11-13939 | .     |
| 14v   | 3-1/8" LED for VSI Cutout           | LW3034V   | 11-13940 | .     |
| 28v   | 2-1/4" LED round                    | LW2038    | 11-13941 | .     |
| 28v   | 2-1/4" LED with Left Cutout         | LW2038A   | 11-13942 | .     |
| 28v   | 2-1/4" LED with Right Cutout        | LW2038B   | 11-13943 | .     |
| 28v   | 3-1/8" LED round                    | LW3038    | 11-13944 | .     |
| 28v   | 3-1/8" LED with Left Cutout         | LW3038A   | 11-13945 | .     |
| 28v   | 3-1/8" LED Altimeter Cutout         | LW3038AA  | 11-13946 | .     |
| 28v   | 3-1/8" LED with Left + Right Cutout | LW3038AB  | 11-13947 | .     |
| 28v   | 3-1/8" LED with Right Cutout        | LW3038B   | 11-13948 | .     |
| 28v   | 3-1/8" LED for VSI Cutout           | LW3038V   | 11-13949 | .     |