



**LOX** ...the most ergonomic, highly functional LED console lamp

The **LOX** is a ruggedized, bi-color LED tethered lamp designed for commercial aerospace and military consoles. Multiple independent docking sockets can be strategically mounted for focused station lighting. Its small footprint enables mounting on a variety of surfaces and is a drop-in replacement for legacy aircraft incandescent utility lights.

**Features:**

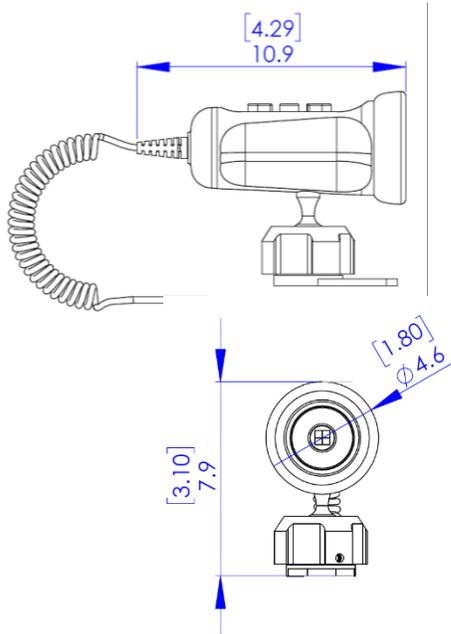
The LOX uses a bi-colored 80,000-hour LED array. If the LED array is ever damaged, it can be replaced in minutes by hand removing the lens cover.



The color ramp intensity and power on-off functions are implemented using single hand control via three tactile buttons. The lamp secures into a 360° universal spring-lock, docking socket subjected to ± 20G crash safety impulse-shock testing.



**Specifications:**



- Power Input:** 28VAC/400Hz or 12-80VDC
- Power Consumption:** Less than 200 mA @ 28V AC/DC
- Housing Material:** 6061-T6 Alum. anodized or powder-coated
- Weight:** 200 grams
- Dimensions:** 3.10"H x 4.29"L x 1.80"W (7.9cm x 10.9cm x 4.6cm)
- Lamp Control:** Independent color ramp intensity, ON/OFF switch
- LED Colors:** 4 LED's Array, 2 colors per array of white / red or green-cyan NVIS Class A, B, C
- LED Intensity:** 0-40 Lumens Max. per LED or custom specification.
- Mounting:** Friction lock docking socket
- Acceptance Testing:** RTCA DO-160G EMI/ENV; Mil-Std. parameters
- Manufacturing:** AS9100 certified in the USA