CHROMA™ SERIES

LED Plug & Play Position Lights

WHELEN®
TRUSTED TO PERFORM™

www.whelen.com
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Europe's Trade Supplier
ADAMS AVIATION

CHROMA™ SERIES

LED Plug & Play Position Lights

LED technology is optimal for aviation applications. Whelen LED lights are time and field tested for reliability and long-life performance under the harsh conditions faced by Fire, DOT, and Law Enforcement professionals around the world.

Whelen Aviation Products exceed industry standards. Whether installed on a Boeing 737, a Gulfstream 650, a high altitude reconnaissance aircraft, or on helicopters operating in the North Sea, Whelen products are trusted to perform in every imaginable environment.

- Direct replacements for W129028 / 129028 / A7512-24 / W628 / 628 incandescent bulbs
- Unique reflector design allows for full FAR coverage compliance
- Robust machined base provides vibration resistance tested in accordance with RTCA/DO160 CAT U2, Curves F, F1 for rotorcraft
- All electronic logic conformal coated for weather resistance
- Nickel Plated hard contact eliminates premature wear
- Keeps original lens configuration to maintain FAA approvals of light assembly
- LED bulbs have a 10,000 hour operating life, while incandescent bulbs have a fragile filament and a 300 hour average life
- 85% reduced current draw
- Five year warranty
- FAA Approvals Pending

TYPICAL FILAMENT LAMP
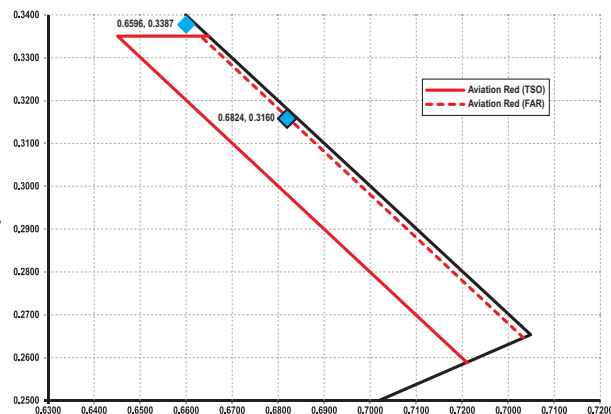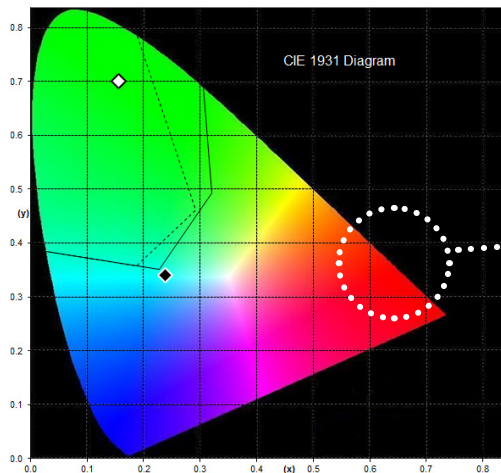
CHROMA LED RED

CHROMA LED GREEN

1.23"

2.05"

CHROMATICITY

- Meets all FAR requirements for Chromaticity, Intensity, and Coverage FAR Part 23.1383 thru 23.1397, FAR Part 27.1383 thru 27.1397
- RED & GREEN color specific. Dominant wavelengths allow for meeting FAR requirements through a wide variety of aviation Red & aviation Green lenses
- Fixed current source design provides consistent light output compared to filament lamps and LED resistor type designs, resulting in complete FAR compliance

◇ **Chroma Series™**
28 VDC
Green

◆ Competitor
28 VDC
Green

◆ **Chroma Series™**
28 VDC
Red

◆ Competitor
28 VDC
Red

CIE 1931 Diagram

Aviation Red (TSO)
Aviation Red (FAR)

0.6596, 0.3387

0.6824, 0.3160

Solid Line - TSO ———————— **Dotted Line - FAR** - - - - - - - -

Model	Part Number	Description	Amps @ Volts	Size
CHROMA2R	01-0771900-R2	Chroma Position LED Lamp, 28V, Red	0.15 Amps @ 28 VDC	2.05" H x 1.23" W
CHROMA2G	01-0771900-G2	Chroma Position LED Lamp, 28V, Green		
CHROMA1R	01-0771900-12	Chroma Position LED Lamp, 14V, Red	**COMING SOON!**	
CHROMA1G	01-0771900-12	Chroma Position LED Lamp, 14V, Green		

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