



Description:

The LS-100 Series are a family of high performance, uniform projecting light sources for use in retro-reflex testing. These devices can be incorporated in a large variety of test measurement systems including:

- Goniophotometers used in SAE, ECE, JIS, FMVSS108, TSD108 (Canada), and other automotive exterior lighting regulations for retro-reflex requirements
- Vertical Photometers/ Comparators for production line retro-reflex inspection
- Retro-reflex color compliance testing and other custom testing

Specifications:

- Intensity Range: Approximately 10.764lux(1fc) @ 100 ft. with a 10 inch circle at 2856 K. (Various intensities, spot sizes, and correlated color temperatures available based on power applied and distance from target.)
- Four-wire Kelvin connection for accurate voltage tracking of lamp life under current control
- Standard 5-way binding posts for secure power connections with bare wire, crimp lugs, and/or banana jacks (Standard DMM lead spacing)
- Tool-free lamp replacement using readily-available projector lamps
- Integral 12 VDC fan for extended lamp life and temperature stability on certain models
- Various spot sizes at specific distances available upon order
- Compact Size: 5" W x 5"H x 12" Long