



Overview

Light Sensor 24 Open Loop (LS24OL) is a photodiode light level sensor for monitoring incoming daylight. LS24OL is compatible with Aperio Platform products. The 0-10VDC signal converts to both Foot-candle (FC) and LUX values to facilitate local as well as BAS daylight harvesting functions. LS24OL features a compact white polymer housing and is configurable for indoor as well as skylight applications.

Features

- UL Listed
- Compatible with all platforms
- Versatile mounting options

General Specifications

- Construction: White ABS/polycarbonate
- Approximate Weight: 0.8oz(24g)
- Operating Environment: dry / indoor environment
- Dimensions: 1.20"(31mm)H x 2.06"(52mm)Dia.
- Mounting Method: Ceiling tile or drywall surface with two #4 screws
- Mounting Location: Ceiling or skylight well with sensor window facing incoming daylight, must not sense electrical light sources

Sensor Specifications

- Type: Photodiode
- Signal: 0-10VDC
- Viewing Angle: 45° from sensor base
- Field of View: 60° in a 360° conical pattern
- Sensor Range: Jumper configurable 3-300FC, 30-3000FC, and 60-6000FC

Electrical Specifications

- Power Input / Draw: 24VDC / 2mA
- Connection: 3 screw terminals
- Wire Requirement: 18AWG (Solid or Stranded)

Certifications

- UL Listed, US/Canada

Warranty

- Five (5) year limited manufacturer warranty from date of shipment (extended warranty optional)

Ordering Information

Part Number	Description
LS24I-OL	Light Level Sensor Open Loop, 10VDC Photodiode for indoor or skylight daylight monitoring