

Keilton + autani

IFS108 Series Fixture Mounted Sensor



IFS108.A0

Description

The Keilton IFS108 series are designed for Luminaire Level Lighting Control (LLLC/ NLC5) with integrated daylight harvesting and PIR motion sensors which can convert a luminaire into a smart lighting fixture. The compact structure is designed for panel, troffer, strip, wrap and some architecture lighting fixtures. IFS108 is a low-voltage, luminaire mounted sensor equipped with the **AlgoH™** algorithm to maximise detection for applications without false triggers.

Features

- Integral Bluetooth
- PWM dimming available (IFS108.B1)
- Daylight Harvesting + PIR digital sensing technology
- Low-profile linear design with minimal height above luminaire
- 4-pin design enables color-tuning

Requirements

- Requires customized hole by tooling to install this sensor
- Requires a DC (sensor) cable (not included)
- Requires a Dim to OFF LED Driver with 12VDC output

Specifications

Input Voltage	DC 12V
Input Current	25mA Max
Input Power	0.3W
Output Current	10mA Max
Output Power	0.1W
Dimming	Class 2, 0-10V DC 10mA Max
Sinking Current	10mA Max
Bluetooth Transmit	100ft Max
Radio Frequency	2.4GHz ± 75MHz
Bluetooth Version	5.0
Housing Material	UL 94-5VA
Detection Range	40ft Max
Mounting Height	18ft Max
Indoor/Outdoor Use	Indoor Use Only
Operating Temperature	-30°C to 55°C, -22°F to 131°F
Storage Temperature	-30°C to 85°C, -22°F to 185°F
IP Rating	IP20
Color	White
Warranty	5 years warranty
Compliance	UL8750,UL1376,RoHS
Safety	cULus Recognized Component LED Controller E504054 FCC ID: 2A26YLTKTVT2021 DID: D057145 DLC: NLTRC5KL0TN

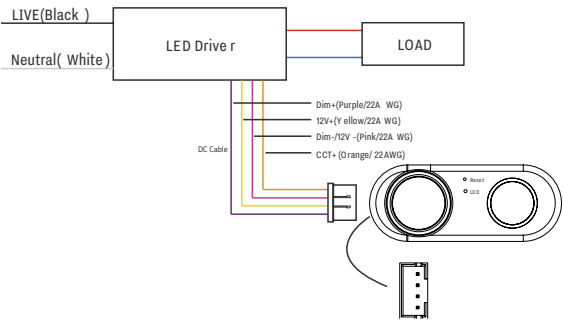
Ordering Information

Model	Description
IFS108.B1	Fixture Mounted Sensor Dual 0-10V, Daylight Harvesting, PIR, 5.0 BLE
IFS108.C1	Fixture Mounted Sensor Dual 0-10V+PWM Dimming Daylight Harvesting, PIR, 5.0 BLE

Ordering Information - Accessories

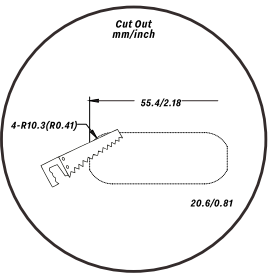
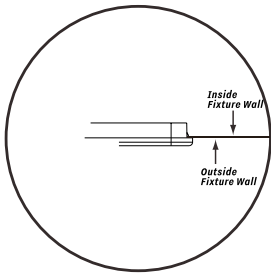
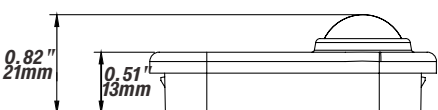
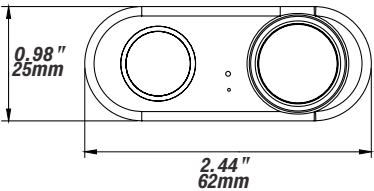
Model	Description
DC30	1007 22AWG 300V 80°C Length:300mm, PH2.0-4P on left side, dip tin 10mm on right side
DC60	1007 22AWG 300V 80°C Length:600mm, PH2.0-4P on left side, dip tin 10mm on right side
DC120	1007 22AWG 300V 80°C Length:1200mm, PH2.0-4P on left side, dip tin 10mm on right side

Wiring

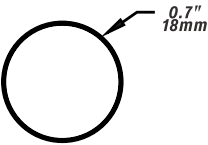
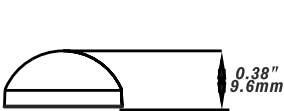


Dimensions

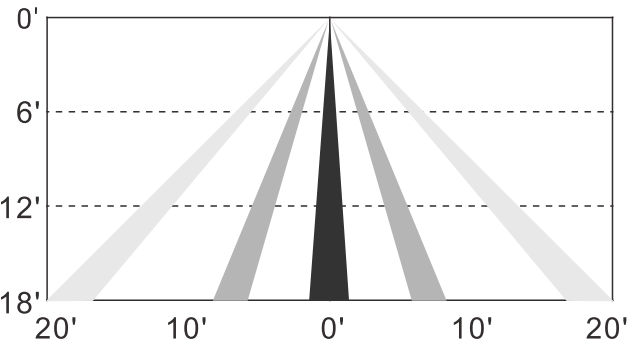
Unit:inch /mm



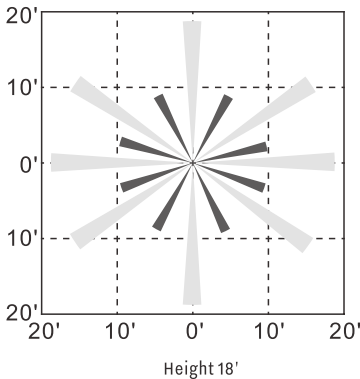
Coverage Patterns



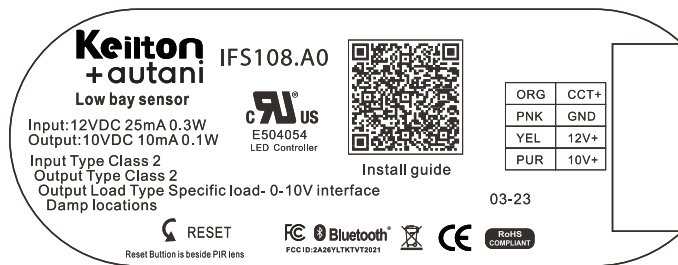
Coverage Side View



Coverage Top View



Marketing



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Due to our continued efforts to improve our products, specifications are subject to change without notice.

Contact Us

7090 Columbia Gateway Drive, Columbia, MD 21046, USA

T: +1 202 630 7746

E: sales@litetrace.com