IFS108 · Keilton+autani

Plug-in sensor for office luminaires

The IFS108 plugs into a socket in the luminaire without tools. It detects whether anyone is in the room and measures the daylight. If nobody is there or it is bright enough, it dims the luminaire or switches it off. Its flat design suits office luminaires.



up to 6 m
Mounting height
For normal room heights in offices, schools and corridors.

0.3 W
Power consumption
The sensor's own consumption – very low.

12 V
Power supply
Comes from the luminaire driver – no extra cable.

up to 30 m
Wireless range
Distance over which the luminaires connect wirelessly.

BENEFITS

What the IFS108 does for you

- **Light only when needed**
  Rooms and corridors without people are dimmed down or switched off.
- **Daylight is put to use**
  When enough light comes through the windows, the sensor turns the luminaire down.
- **Simply plug in and swap**
  Luminaires can ship sensor-ready; the sensor is simply plugged in.

AT A GLANCE

What's inside

Detects	**movement and daylight**
Connection	**2.5 mm jack, SC05 socket**
Luminaires	**panel and troffer luminaires**
Ingress protection	**IP20, for indoor use**
Set-up	**via the Keilton+autani app**

IN THE SYSTEM

How the IFS108 fits in

IFS108
in the luminaire, detects movement and light
→
Bluetooth mesh
each luminaire becomes a wireless node
→
CR05
Gateway connects the zone
→
AU-Manager
Analysis, schedules, remote access

In offices with many luminaires this gives a detailed occupancy picture for zoning and schedules.

A GOOD FIT IF ...

- ✓ Offices, meeting rooms and classrooms
- ✓ Panel and troffer luminaires, dim-to-off driver
- ✓ Luminaires with a built-in SC05 socket

DIFFERENT REQUIREMENT?

Fitted in a knockout, wired	**IFS105SE**
Wireless retrofit, battery-powered	**BCS107**
Halls from 6 m height	**EFS106 / EFS104**
Presence with ultrasonic as well	**EFS107E**

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Planning and installation: info@buildingrobotics.de · +49 30 4397929208 · buildingrobotics.de/en/sensors/ifs108/
Manufacturer data (Keilton+autani), as of November 2026. Subject to technical changes.

Technical data

ELECTRICAL		
Input voltage	**12 V DC**	The sensor is powered by the luminaire's driver.
Power consumption	**25 mA max., 0.3 W**	The sensor's own consumption – very low.
Connection	**2.5 mm jack, SC05 socket (not included)**	The sensor plugs in; the socket is ordered separately.
Driver requirement	**Dim-to-off luminaire driver**	Key requirement – please check on the luminaire.

DETECTION AND WIRELESS		
Sensing	**PIR + daylight**	PIR detects people moving, plus light level.
Mounting height	**up to 6 m (20 ft)**	Distance between sensor and floor.
Wireless	**Bluetooth 5.0 (BLE up to 30 m), 2.4 GHz**	Wireless networking, no control cables.

ENVIRONMENT AND HOUSING		
Luminaire type	**Panel and troffer luminaires**	Flat design for typical office luminaires.
Temperature range	**–30 °C to 55 °C**	Wide range, also for unheated rooms.
Ingress protection	**IP20**	For dry indoor spaces.
Housing	**Flame-retardant plastic (class 5VA), white**	
Standards	**CE, RoHS (EU Directive 2011/65/EU)**	CE-marked for the EU market, no restricted substances.

INSTALLATION

Plug in instead of wiring

Socket
Fit the SC05 socket in the luminaire; it is available separately.

Plug in
Plug in the sensor with its 2.5 mm jack, no tools needed.

Switch on
Switch on the luminaire; the driver supplies the sensor with 12 V.

Pair
Add the luminaire in the app and assign it to a group.

ORDERING

Items and accessories

`IFS108.AUX.B1`	Indoor sensor
`SC05`	Connection socket, 2.5 mm

FREQUENTLY ASKED QUESTIONS

What else do I need in addition to the IFS108-AUX?
The SC05 connection socket (2.5 mm), which according to the manufacturer is not included, and a luminaire with a dim-to-off capable driver and a 12 V supply for the sensor.

Which luminaires is the IFS108-AUX intended for?
According to the manufacturer, for panel and troffer luminaires. The compact design is tailored to office luminaires.

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