

ActiveAhead Sense (5630) Datasheet

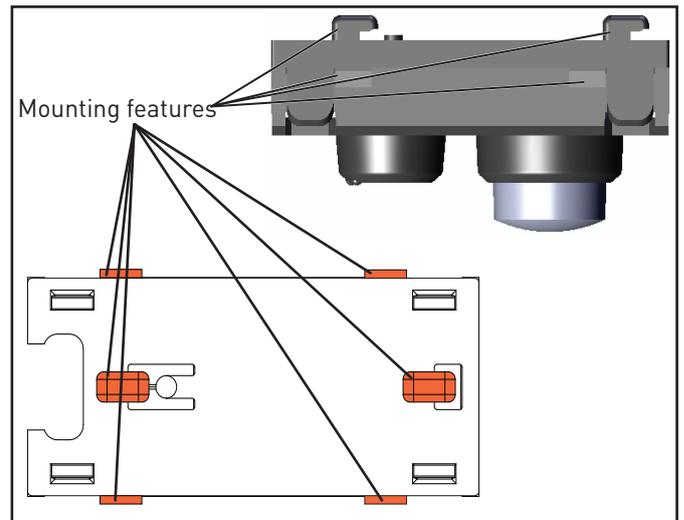
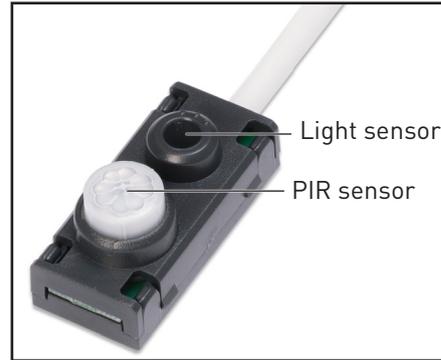
The ActiveAhead Sense is a small luminaire-based sensor that combines a light sensor for constant light control and a passive infrared movement detector.

This sensor can be used on the self-learning smart wireless lighting control solution Helvar ActiveAhead.

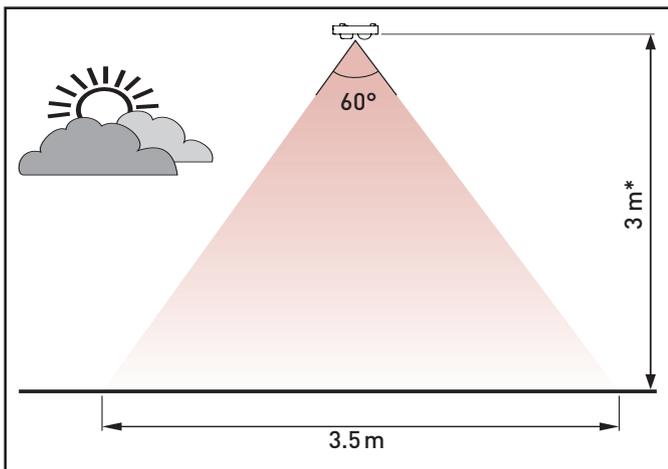
If the sensor is connected to non-SELV control gear, the luminaire must be Class I.

Key Features

- Small and inconspicuous, it does not change the appearance of the luminaire.
- Provided with mounting features that can be snapped into sheet metal: two on each long side, and two on the rear.
- Part of the ActiveAhead self-learning wireless lighting control solution.

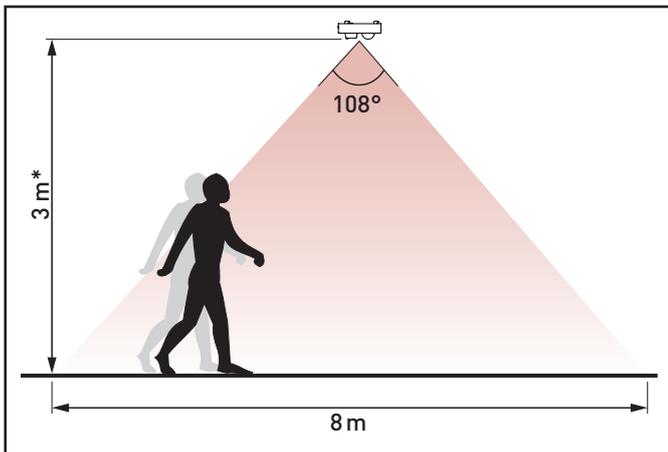


Light Sensor - For constant light functions



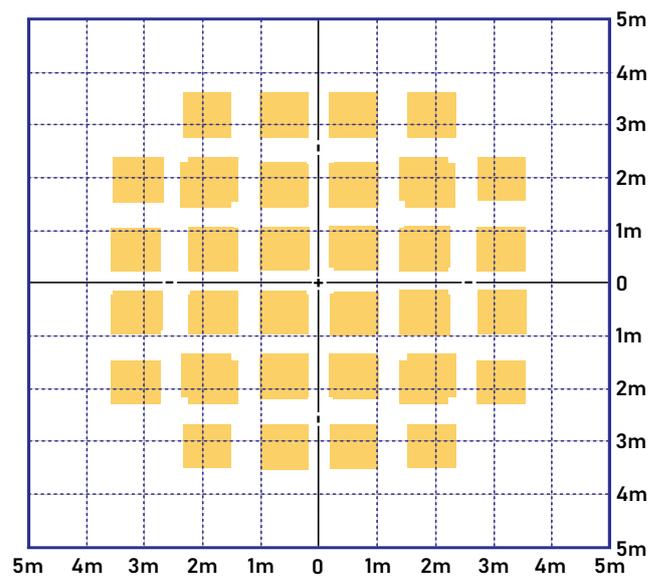
*Max recommended height 3 m

Presence Detector - Passive infrared (PIR)

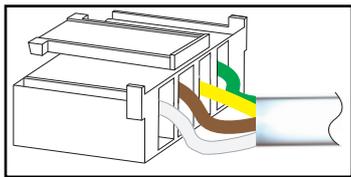


*Max recommended height 4 m

Detection pattern at floor level for 2.5 meters mounting height



Connection

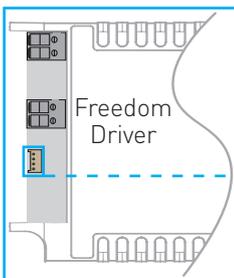


Connector side/rear view



Note: Ensure each connector securely 'clicks' into place when plugged in correctly.

There are two set up scenarios



Set Up 'A' - Using Freedom driver and ActiveAhead Node

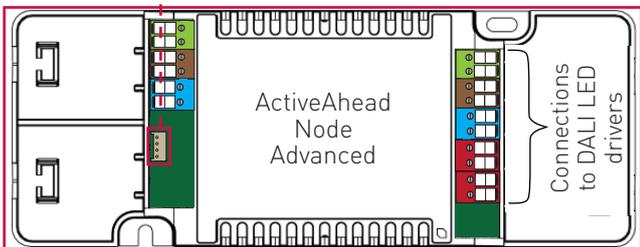


ActiveAhead Sense



ActiveAhead Node

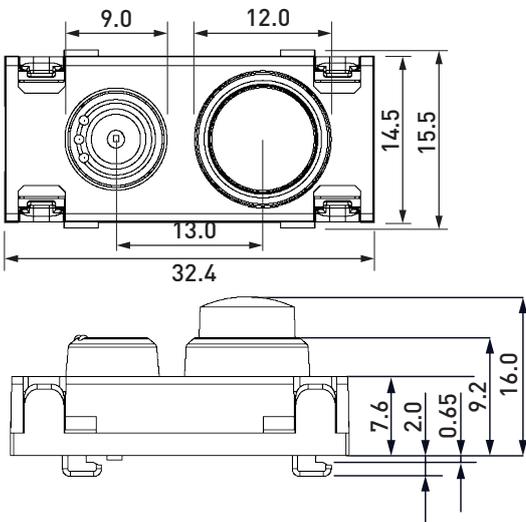
Set Up 'B' - Using ActiveAhead Node Advanced



ActiveAhead Node Advanced

Connections to DALI LED drivers

Dimensions (mm)



Note: Sensor holders are available to be used with the ActiveAhead Sense:

5691 - ActiveAhead Sense Rectangular Sensor holder

5692 - ActiveAhead Sense Circular Sensor holder

Technical Data

Connections

ActiveAhead: Flexible cable terminated with a four-way, 2 mm locking connector
Note: If the sensor is connected to non-SELV control gear, the luminaire must be Class I.

Mechanical data

Dimensions: 32.4 mm × 15.5 mm × 18 mm
Material (casing): Fire-retardant PC/ABS blend.
Colour: White (RAL 9003)
 Black (RAL 7016)
IP code: IP30
Weight: 22 g

Operating conditions

Ambient temperature: -20 °C to +50 °C
Note: The temperature difference between the detection target and the background must be at least 4 °C.

Relative humidity: Max. 85 %, noncondensing

Storage temperature: -20 °C to +70 °C

Illuminance: 5 lx to 5000 lx

Conformity and standards

EMC emission: EN 55015

EMC immunity: EN 61547

Safety: EN 61347-2-11

Environment: Complies with RoHS directive.

Cable Information

Order Code: 5630-30 Length: 30 cm, Colour: White
Order Code: 5630 Length: 80 cm, Colour: White
Order Code: 5630B Length: 80 cm, Colour: Black
Order Code: 5630-150 Length: 150 cm, Colour: White

Mounting

