



INTUSENS

The future of sensing begins now.

INTUSENS

one sensor. Lots of possibilities.



**Click.
Turn.
Done.**

From simple light switching, DALI-2 Broadcast and DALI-2 Input Device through to Bluetooth® NLC – the IntuSens range is flexibly adapted to different building types and is ideal for installation heights up to 18 metres. Switch and broadcast solutions in particular enable robust and economical lighting control without individual addressing, thus significantly reducing planning complexity. As an input device, IntuSens sensors are of course compatible with the TRILUX LiveLink light management system.

Ready to order and deliver: July 2026

INTUSENS ZHAGA BOOK 18

Sensors for installing in luminaires



Robust. Indoor and outdoor.

The robust IntuSens ZhagaB 18 High Bay sensors for industrial and outdoor applications have high IP66 protection against dust and moisture and are available as DALI and wireless solutions.

Ready to order and deliver: May 2026

INTUSENS

PIR sensors for indoor use, IP20



Mounting method

Ceiling (built-in/surface-mounted)



Mounting height

Low Bay: 2 - 5 m
High Bay: 5 - 18 m
High Bay Corridor: 5 - 18 m



Detection angle

360°



Threshold value / light sensor

10 - 1000 lux



Max. detection range

Low Bay: Ø 16 m
High Bay: Ø 19 m
High Bay Corridor: 28 x 10 m



Colours

white (RAL 9016), black (RAL 9005)



Switch



Applications

LB: Single office, open-plan office, meeting room, classroom, corridor, WC
HB: Highbay racking, sports hall
HB Corridor: Highbay racking

DALI-2 Broadcast



Applications

LB: Single office, open-plan office, meeting room, classroom, corridor, WC
HB: Highbay racking, sports hall
HB Corridor: Highbay racking

DALI-2 Input Device



Applications

LB: Open-plan office, meeting room, classroom, corridor
HB: Highbay racking, sports hall
HB Corridor: Highbay racking

Bluetooth NLC*



Applications

LB: Single office, open-plan office, meeting room, classroom, corridor, WC



Mains voltage

AC 230 V, 50 Hz



Mains voltage

AC 230 V, 50 Hz

DALI output current

60 mA



Planning value

DALI current consumption
6 mA (max. current consumption 10 mA)



Mains voltage

AC 230 V, 50 Hz

*in progress

INTUSENS ZHAGA BOOK 18

PIR sensors with higher protection rating, IP66



Mounting method

Luminaires with Zhaga Book 18 base



Mounting height

High Bay: 5 - 18 m

High Bay Corridor: 5 - 18 m



Detection angle

360°



Light sensor

10 - 1000 lux



Max. detection range

High Bay: Ø 19 m

High Bay Corridor: 28 x 10 m



Colour

transparent



DALI-2 Broadcast



Applications

HB: Highbay racking,
sports hall

HB Corridor:
Highbay racking



Supply voltage

requires external
DALI power supply

DALI-2 Input Device



Applications

HB: Highbay racking,
sports hall

HB Corridor:
Highbay racking



Supply voltage via DALI

Planning value

**DALI current
consumption**
6 mA (max. current
consumption 10 mA)

Bluetooth NLC



Applications

HB: Highbay racking,
sports hall

HB Corridor:
Highbay racking



Supply voltage

requires external
DALI power supply

CASAMBI



Applications

HB: Highbay racking,
sports hall

HB Corridor:
Highbay racking




Supply voltage


requires external
DALI power supply


INTUSENS MINIS / MINIR / RAIL


PIR sensors for installing in luminaires, IP20, IP66


 **Mounting method**
Installation in luminaire

 **Mounting height**
MiniS Low Bay: 2 - 5 m
MiniR High Bay: 5 - 18 m
Rail Low Bay: 2 - 5 m

 **Detection angle**
360°


 **Light sensor**
10 - 1000 lux

 **Max. detection range**
MiniS: 5 x 6 m
MiniR: Ø 19 m
Rail: Ø 12 m


 **Colours**
white, grey, black




MiniS DALI-2 Input Device


 **Applications**
LB: Single office,
open-plan office,
meeting room, class-
room, corridor, WC

MiniR DALI-2 Input Device


 **Applications**
HB: Highbay racking,
sports hall

Rail DALI-2 Input Device


 **Applications**
LB: Single office,
open-plan office,
meeting room, class-
room, corridor, WC

 **Supply voltage**
via DALI

Planning value
DALI current
consumption
6 mA (max. current
consumption 10 mA)

 **Supply voltage**
via DALI

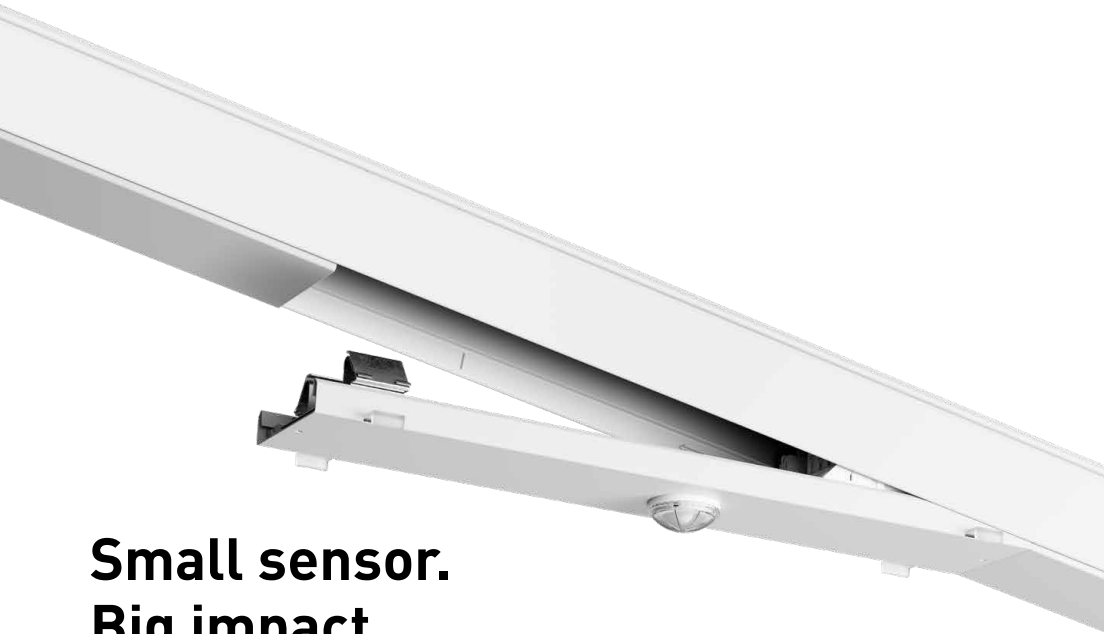
Planning value
DALI current
consumption
6 mA (max. current
consumption 10 mA)

 **Supply voltage**
via DALI

Planning value
DALI current
consumption
6 mA (max. current
consumption 10 mA)

INTUSENS MINI

Discreet integration into the luminaire design



Small sensor. Big impact.

IntuSens Mini sensors are our compact sensor solution for directly integrating into the luminaire. As DALI-2 input devices, the mini-sensors provide the full functionality of modern lighting control and can be factory-installed into selected TRILUX luminaires such as E-Line Pro or the Rail track system. The Low Bay version is suitable for use in offices. The high-performance High Bay version is ideal for use in industrial and warehouse applications.

Ready to order and deliver: May 2026

#intusens

IntuSens – sensor, simply rethought!

IntuSens sensors from TRILUX bring together innovative technology, simple operation and sophisticated design. Whether for offices, education, industry or circulation areas, IntuSens ensures fast installation and reliable presence detection, making buildings fit for energy-efficient automation – made in Germany.



www.trilux.com/intusens

