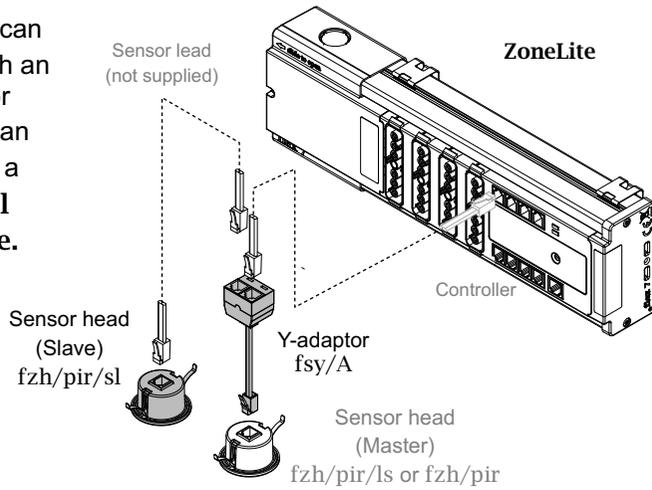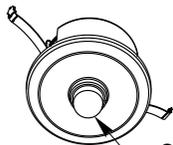## fzh/pir/sl Slave occupancy sensor head

The **fnh/slave** sensor head can <u>only</u> work if in conjunction with an **fzh/pir** or **fzh/pir/ls** sensor head. Occupancy coverage can be increased by adding up to a maximum of three **fzh/pir/sl** slave heads to your **ZoneLite.**
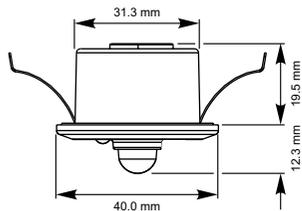
Note that the **fzh/pir/sl** slave head requires no setting up as it automatically adopts the time-out of your existing sensor head.

Sensor lead (not supplied)

ZoneLite

Controller

Sensor head (Slave)
fzh/pir/sl

Y-adaptor
fsy/A

Sensor head (Master)
fzh/pir/ls or fzh/pir

Sensor head and occupancy detection performance

Occupancy sensor
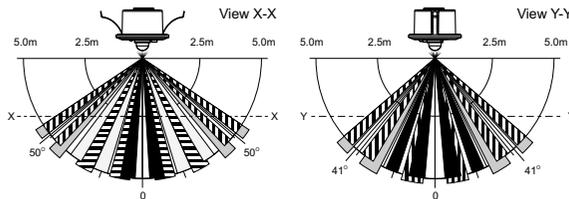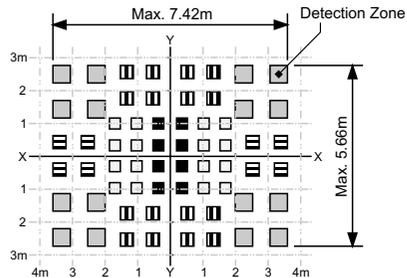
31.3 mm

19.5 mm

12.3 mm

40.0 mm

The sensor head fits into a 32mm diameter hole, with clips which can grip ceiling panels down to 1.5mm thick.

The sensor head has a rectangular occupancy detection range broadly 7.4m x 5.6m at a ceiling height of 2.5m (Longest length of detection aligning with the spring clips). As the ceiling height increases so will the overall detection area but sensitivity to small movements will decrease.
<u>Note:</u> Make sure that the sensor is not adjacent to circulating air, heaters or lamps.

Detection Zone

Max. 7.42m   Detection Zone

Max. 5.66m

3m 2 1 X 1 2 3m

4m 3 2 1 Y 1 2 3 4m

View X-X

5.0m 2.5m 2.5m 5.0m

50°   50°

0

View Y-Y

5.0m 2.5m 2.5m 5.0m

41°   41°

0

The X-Y cross-sectional diagram shows the detection area. The differences in the detection zone patterns indicate the projections of the 16 lenses with a single focal point. Movement of an object with higher than background temperature, between the detection zones, will be detected.

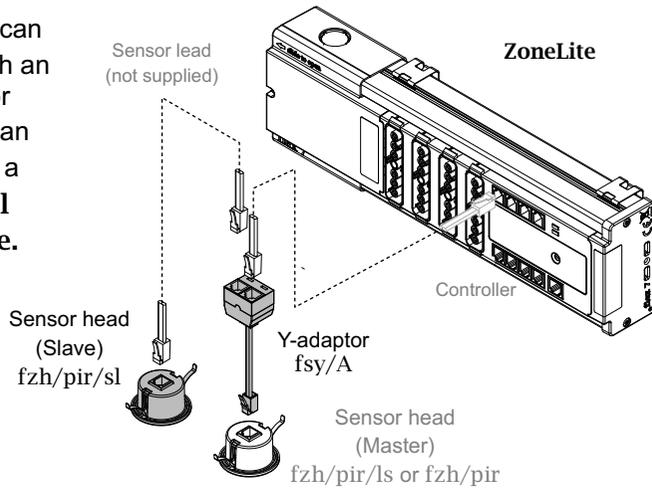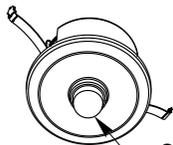| Supply Voltage	:12V DC	IP Rating	:IP20
Material	:PA6 UL94 V-0 rated, Non-halogen	Compliance:	:LVD-2006/95/EC
	:Manufactured in white & red.		:EMC-2004/108/EC
Operating range	:-10°C to 40°C		

fzh/pir/sl Slave occupancy sensor head

The **fnh/slave** sensor head can <u>only</u> work if in conjunction with an **fzh/pir** or **fzh/pir/ls** sensor head. Occupancy coverage can be increased by adding up to a maximum of three **fzh/pir/sl** slave heads to your **ZoneLite.**
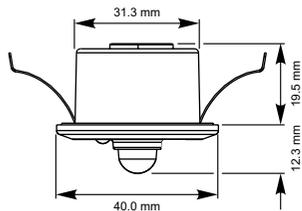
Note that the **fzh/pir/sl** slave head requires no setting up as it automatically adopts the time-out of your existing sensor head.

Sensor lead
(not supplied)

ZoneLite

Controller

Sensor head
(Slave)
fzh/pir/sl

Y-adaptor
fsy/A

Sensor head
(Master)
fzh/pir/ls or fzh/pir

Sensor head and occupancy detection performance

31.3 mm
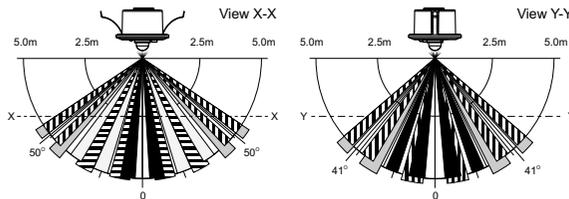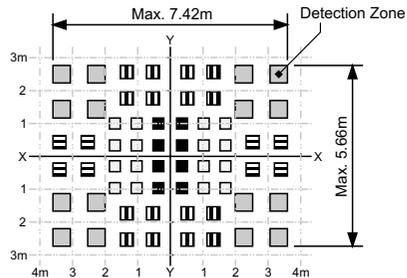
19.5 mm

12.3 mm

40.0 mm

Occupancy sensor

The sensor head fits into a 32mm diameter hole, with clips which can grip ceiling panels down to 1.5mm thick.

The sensor head has a rectangular occupancy detection range broadly 7.4m x 5.6m at a ceiling height of 2.5m (Longest length of detection aligning with the spring clips). As the ceiling height increases so will the overall detection area but sensitivity to small movements will decrease.
<u>Note:</u> Make sure that the sensor is not adjacent to circulating air, heaters or lamps.

Detection Zone

Max. 7.42m

Detection Zone

Max. 5.66m

Y

3m
2
1
X
1
2
3m

4m 3 2 1 Y 1 2 3 4m

View X-X

5.0m   2.5m   2.5m   5.0m

X

50°   50°

0

View Y-Y

5.0m   2.5m   2.5m   5.0m

Y

41°   41°

0

The X-Y cross-sectional diagram shows the detection area. The differences in the detection zone patterns indicate the projections of the 16 lenses with a single focal point. Movement of an object with higher than background temperature, between the detection zones, will be detected.

Supply Voltage	:12V DC	IP Rating	:IP20
Material	:PA6 UL94 V-0 rated, Non-halogen	Compliance:	:LVD-2006/95/EC
	:Manufactured in white & red.		:EMC-2004/108/EC
Operating range	:-10°C to 40°C		

flex7 connectors
system

Flex Connectors Limited, Ruscombe Business Park, Ruscombe Lane, Twyford, Berkshire RG10 9LR, UK
Telephone: +44 (0) 20 8580 1066   Fax: +44 (0) 20 8580 1062
Website: www.flexconnectors.co.uk Email: info@flexconnectors.co.uk
Leaflet reference number: **22/072** issue **3** 19/02/2015

≡ESTA C€