Article number: 1030023

LUXA 103-101 AP WH Article number: 1030023

### **Description**



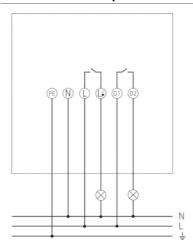
- Motion detector (PIR)
- Automatic lighting control based on presence and brightness
- 2 channels
- 2. Relay for HVAC control, presence dependent, potential-free
- HVAC control with programmable switch-off delay
- Ceiling installation
- Mixed light measurement suitable for the control of fluorescent, incandescent and halogen lamps
- Zero-cross switching for relay-saving switching and high lamp loads
- Single-handed plug-in installation with captive screws
- Instant start-up possible via factory preset
- No unintentional adjustment due to covered up controls
- Adjustable brightness switching value and switch-off delay

### **Technical data**

Operating voltage         230 V AC           Frequency         50 − 60 Hz           Stand-by consumption         ~0,5 W           Light measurement         Mixed light measurement           Number of channels         2           Installation type         Ceiling installation           Setting range brightness         10 − 2000 lx           Switching capacity presence         5 A (250 V AC, cos □ = 1)           Detection angle         360°           Installation height         2 − 3 m           Light switch-off delay         5 s-30 min           Presence switch-off delay         10 s-60 min           Incandescent lamp load         2000 W           Fluorescent lamp load (conventional) parallel-corrected         900 VA 100 μF           LED lamp < 2 W         35 W           LED lamp > 8 W         400 W           LED lamp > 8 W         400 W           Lamps         Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs           Ambient temperature         +0 °C +45 °C           Protection class         II		
Stand-by consumption  ~0,5 W  Light measurement  Mixed light measurement  Number of channels  2  Installation type  Ceiling installation  Setting range brightness  10 − 2000 lx  Switching capacity presence  5 A (250 V AC, cos □ = 1)  Detection angle  360°  Installation height  2 − 3 m  Light switch-off delay  5 s-30 min  Presence switch-off delay  10 s-60 min  Incandescent lamp load (conventional) parallel-corrected  900 VA 100 μF  LED lamp < 2 W  35 W  LED lamp ≥ 8 W  400 W  Lamps  Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs Ambient temperature  +0 °C +45 °C	Operating voltage	230 V AC
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Number of channels       2         Installation type       Ceiling installation         Setting range brightness       10 − 2000 lx         Switching capacity presence       5 A (250 V AC, cos □ = 1)         Detection angle       360°         Installation height       2 − 3 m         Light switch-off delay       5 s-30 min         Presence switch-off delay       10 s-60 min         Incandescent lamp load       2000 W         Fluorescent lamp load (conventional) parallel-corrected       900 VA 100 μF         LED lamp < 2 W       35 W         LED lamp ≥ 8 W       400 W         LED lamp > 8 W       400 W         Lamps       Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs         Ambient temperature       +0 °C +45 °C	Stand-by consumption	~0,5 W
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Detection angle 360°  Installation height 2 – 3 m  Light switch-off delay 5 s-30 min  Presence switch-off delay 10 s-60 min  Incandescent lamp load 2000 W  Fluorescent lamp load (conventional) parallel-corrected 900 VA 100 μF  LED lamp < 2 W 35 W  LED lamp 2-8 W 400 W  LED lamp > 8 W 400 W  Lamps Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs Ambient temperature +0 °C +45 °C	Setting range brightness	10 – 2000 lx
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Presence switch-off delay Incandescent lamp load Incandescent lamp load (conventional) parallel-corrected  LED lamp < 2 W  LED lamp 2-8 W  LED lamp > 8 W  LED lamp S W  Lemps Ambient temperature  10 s-60 min 10 s-60 min 2000 W  900 VA 100 μF  35 W  400 W  400 W  Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs	Installation height	2 – 3 m
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LED lamp > 8 W 400 W  Lamps Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs  Ambient temperature +0 °C +45 °C	LED lamp < 2 W	35 W
Lamps Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs  Ambient temperature +0 °C +45 °C	LED lamp 2-8 W	400 W
Ambient temperature +0 °C +45 °C	LED lamp > 8 W	400 W
The second secon	Lamps	Incandescent/halogen lamps, fluorescent lamps, Energy saving lamps, LEDs
Protection class II	Ambient temperature	+0 °C +45 °C
	Protection class	II
Type of protection IP 44	Type of protection	IP 44

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# **Connection example**

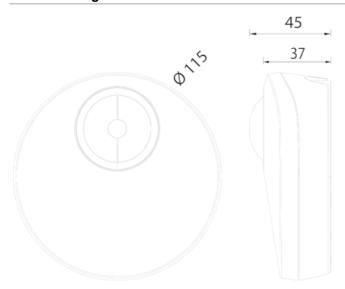


# **Detection range**

Mounting height (A)	Head on to (r)	Diagonally (t)	4 m
2,5 m	4 m	7 m	7 m
			2 m 3,5 m

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# Scale drawings



# **Product selection**

Channel	Detection angle	Colour	Туре	Article number
Light   Presence	360°	White	LUXA 103-101 AP WH	