zencontrol

IR commissioning controller **datasheet**

Features

The hand-held zc-ir-ctrl-com remote is fitted with 44 buttons that provides extensive luminaire programming functions ideal for commissioning.

Dimming
Adjustable brightness in steps or smaller increments

Colour temperature
Adjustable cool white to warm white colour control

Emergency
Emergency and emergency testing options

Easy commissioning
Extensive luminaire programming functions ideal for commissioning

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Specifications

Type	Infrared
IR frequency	38 kHz
Operating range	≈ 5 m
Buttons	44 (pre-configured)
Material	PC
Battery	CR2025 Lithium coin-cell

Product range

Order code	Description
zc-ir-ctrl-com	Hand-held infrared control and commissioning unit

Features

- 44 buttons
- Dimming control
- Colour temperature control
- Occupancy sensor commissioning
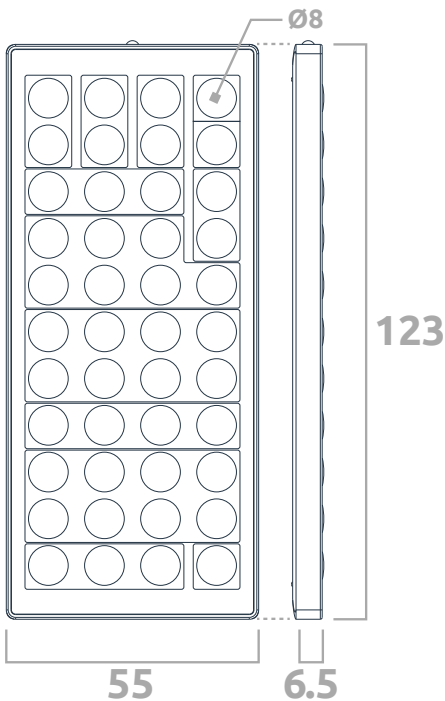- Emergency test commissioning
- Lux sensor commissioning

Supported models

Order code	Description
zc-pir-8m-p	8 m, PIR and lux sensor, with IR expansion kit for zc-smart-driver
zc-pir-nano-p	5 m, PIR and lux sensor, with IR expansion kit for zc-smart-driver, nano form factor
zc-mw-p	Microwave and lux sensor, with IR expansion kit for zc-smart-driver

For use with zc-smart-driver range

Dimensions (mm)

Ø8

123

55

6.5

Functions

Symbol	Function	Description
ON	**On**	Switches the luminaire on.
OFF	**Off**	Switches the luminaire off.
∧ ∨	**Dim up/down**	Dims the luminaire up/down for 200ms.
STEP ∧ STEP ∨	**Step up/down**	Steps the luminaire up/down.
❄	**Cooler**	Steps the colour temperature cooler.
☀	**Warmer**	Steps the colour temperature warmer.

Lux

Symbol	Function	Description
SET	**Set lux level**	Sets lux light level from current light level. The luminaire will step up/down to maintain lux light level.
SET	**Set dusk level**	Sets dusk level from current light level. The luminaire will turn on if light level is less than dusk level.
DISABLE	**Disable lux/dusk**	Disables lux/dusk mode.

Wireless

Symbol	Function	Description
DISCOVER	**Walk test**	Initiates a 30 second walktest
MODE	**Reset mode**	Resets mode and ECG data

Sensor

Symbol	Function	Description
	Absence mode	Absence mode activated. The switch must be turned on when someone enters a room, but the sensor detects when the room is vacated, switching off the lights automatically.
	Presence mode	Presence mode activated. The sensor will automatically turn lights on when movement is detected. (Default)
DISABLE	**Disable PIR**	Disables the PIR sensor.

Symbol	Function	Description
min	**Idle-time**	Set idle time to 4 / 9 / 14 / 19 minutes. Idle time minutes after the last presence was detected, lights will dim to warn-level. (Default 14 min)
min	**Warn-time**	Set switch-off delay to 0 / 1 / 5 minutes or infinite. Light is switched off after warn-time has expired. (Default 1 min)
%	**Warn-level**	Set the warn level to 1 / 10 / 20 / 30 %. Level to which the lights are dimmed after the idle-time has expired. (Default 1%)

Switch

Symbol	Function	Description
	Dimmer	Configure switch input as dimmer.
CCT	**Colour dimmer**	Configure switch input as colour temperature dimmer.
ON	**Switch on**	Configure switch input as on switch.
OFF	**Switch off**	Configure switch input as off switch.

Emergency

Symbol	Function	Description
DURATION	**Duration test**	Start standard duration test. If in AU/NZ and set to 2 hour emergency mode the test will run for 90 min, otherwise the test will run based on the set emergency mode.
EXTENDED	**Extended duration test**	Start extended duration test, based on the set emergency mode.
FUNCTION	**Function test**	Start function test.
STOP TEST	**Stop test**	Stop any tests running.
8hr	**Set emergency mode**	Set emergency mode to 2 / 3 / 4 / 8 hours.

General settings

Symbol	Function	Description
SET POWER ON LEVEL	**Set power on level**	Set power on level from current level.
SET MAX	**Set max power level**	Set max level from current level.
SET MIN	**Set min power level**	Set min level from current level.
ALL	**Reset all**	A complete factory reset, clears all settings, including standalone mode settings