

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

zencontrol IR commissioning controller datasheet



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

Specifications

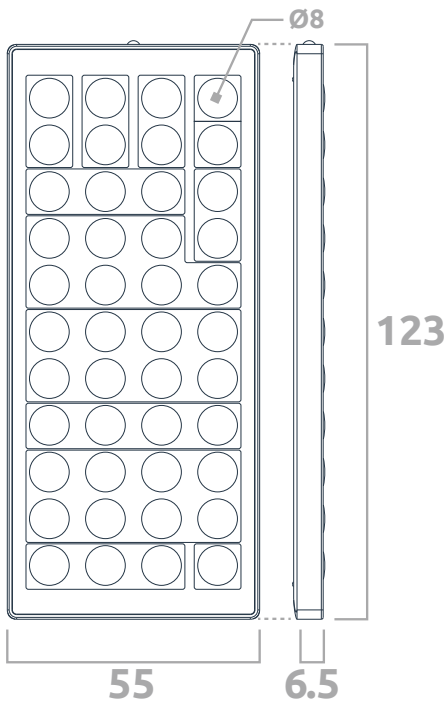
Type	Infrared
IR frequency	38 kHz
Operating range	≈ 5 m
Buttons	44 (pre-configured)
Material	PC
Battery	CR2025 Lithium coin-cell

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)



Functions

Symbol	Function	Description
	On	Switches the luminaire on.
	Off	Switches the luminaire off.
	Dim up/down	Dims the luminaire up/down for 200ms.
	Step up/down	Steps the luminaire up/down.
	Cooler	Steps the colour temperature cooler.
	Warmer	Steps the colour temperature warmer.

Lux

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

Wireless

	Walk test	Initiates a 30 second walktest
	Reset mode	Resets mode and ECG data

Sensor

	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 PIR	Disables the PIR sensor.

Symbol	Function	Description
	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)
	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

	Dimmer	Configure switch input as dimmer.
	Colour dimmer	Configure switch input as colour temperature dimmer.
	Switch on	Configure switch input as on switch.
	Switch off	Configure switch input as off switch.

Emergency

	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 duration test	Start extended duration test, based on the set emergency mode.
	Function test	Start function test.
	Stop test	Stop any tests running.
	Set emergency mode	Set emergency mode to 2 / 3 / 4 / 8 hours.

General settings

	Set power on level	Set power on level from current level.
	Set max power level	Set max level from current level.
	Set min power level	Set min level from current level.
	Reset all	A complete factory reset, clears all settings, including standalone mode settings