


ZSC010
GPS | LUXsensor | Astroclock

REMOTICOM | ZSC010 | ZHAGA SMART CONTROLLER | BLUETOOTH LOW ENERGY | STANDALONE | LUX

ZHAGA SMART CONTROLLER.

The Remoticom ZSC010 is an innovative module for outdoor applications, designed to configure and setting up individual luminaires. It automatically connects to the Global Navigation Satellite System (GNSS) to obtain date and time information in real time. If correct time information is not available via the GNSS, the existing light sensor takes over the switch-on function.

Configuration of on-off switching, astronomical table or dimming profile based on date and time can be realised using a simple Bluetooth communication app. Therefore, this product can easily replace a photocell or Line Switch-based control mechanism.

The ZSC010 works with Sensor Ready (SR) drivers via a standardised Zhaga Book 18 connector.

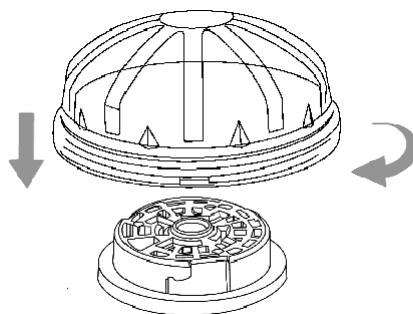
The ZSC010 is not only energy-saving, but also a long-lasting, durable and cost-effective solution. The product is also easy to use from start to finish.

ADVANTAGES.

- ✓ Sustainable, energy and cost-saving solution
- ✓ Plug and Play system
- ✓ Adjustable light output 0-100%
- ✓ Dimming regime up to 5 steps, each level adjustable from 10 to 100%
- ✓ Zhaga Book 18
- ✓ Global Navigation Satellite System (GNSS)
- ✓ Local mast configuration using secure Bluetooth Smartphone app
- ✓ Light control via simple app for access, configuration and control
- ✓ Suitable for 24 hour power supply network
- ✓ SR certified
- ✓ Works with SR drivers with AUX power supply
- ✓ Compact dimensions, 3-wire connection

INSTALLATION ZSC010.

When mounting, press lightly and then turn 45° clockwise.



PRODUCT DATA ZSC010.

| Physical information | |
|----------------------|------------------------------|
| Dimensions | Diameter 80 mm, height 40 mm |
| Weight | 70 grams |
| Colour | Smoke Grey |
| Connectors | Zhaga Book 18 |

| Electrical information | |
|-------------------------------------|--------------------------------|
| Input voltage | 24V interface of the SR driver |
| Light sensor | Yes |
| Drivers to be controlled per ZSC010 | 1 |
| Standby average current (mA) | 8 |
| Standby average power (W) | 0,2 |
| Peak current (mA) | 14 |
| Peak power (W) | 0,35 |

| Environment & Quality | |
|-----------------------|---|
| Operating temperature | -30 °C until 50 °C |
| Air humidity | 10% until 90% non-condensing |
| Storage temperature | -30 °C until 50 °C |
| Storage humidity | 5% tot 90% non-condensing |
| IP Classe | IP66 |
| IK Classe | IK08 |
| UV protection | Protection by casing |
| Quality marks | CE |
| Digital connection | Sensor Ready Drivers |
| Lifetime duration | <10% failures at 100Khours @Tamb=40 degrees Celsius @50% Humidity |

PRODUCT DATA ZSC010.

| Bluetooth Low Energy (BLE) | |
|---------------------------------|------------------|
| ISM-band | 2.4GHz |
| Output power | Max +10dBm |
| PER (Packet Error Rate) | 30.8% |
| Maximum mastheight | 10m |
| Maximum user distance from mast | 30m @ 10m height |

| Bluetooth application features | |
|--------------------------------|--|
| BLE | For checking and configuring the device in the factory or in the field |
| Time zone | Configurable by the user |
| Adjustable light output | 0-100% |
| Switched network | Enabled by default |
| Dimregime | Maximum 5 steps; exact time in 24 hours format hh:mm |
| | Each level can be set from 0 to 100% |
| Light control | Available via the BLE interface to manually test the light levels and the BLE connection |

| Product information | |
|---------------------|---|
| Product information | Available through the ZSC010 app |
| Product name | For identification of the product; can be changed by the installer |
| BLE MAC address | A 6 bytes in hexadecimal format and separated by colons (example - 00:11:22:33:FF:EE) |
| Firmware version | Firmware version available on the device |
| GPS | Coordinates of the device location - latitude and longitude |
| Time | Local time at the device location |

| Commercial | |
|----------------|---------------|
| Article number | 786.11.001.01 |
| EAN number | |