

# LogiLED PAR56 CCT Bulb

Instruction manual



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**LogiLED PAR56 CCT Leuchtmittel (Art.Nr.: E811408)  
LogiLED PAR56 CCT bulb (Item No.: E811408)**

<b>Leistungsaufnahme</b> Power consumption	30W ± 10%, 12V AC 50-60Hz
<b>Lichtstrom</b> Luminous flux	1800 lm
<b>Farbtemperatur</b> Colour temperature	Power LEDs 3000-6500K / Ambiente Ring 3000K
<b>Abstrahlwinkel</b> Beam angle	Power-Modus 90° / Ambiente- & Dual-Modus 180°
<b>Schutzklasse</b> Protection class	III
<b>Schutzart</b> Protection type	IP68
<b>Max. Einbautiefe</b> Max. installation depth	3m

**LogiLED Handsender (Art.Nr.: E81140821)  
LogiLED Remote control (Item No.: E81140821)**

<b>Leistungsaufnahme</b> Power consumption	2 x AAA 1.5V Batterie
<b>Leistung</b> Wattage	0.5 ± 0.1W
<b>Max. Entfernung</b> Remote distance	ca. 30m
<b>Frequenz</b> Transmission frequency	433 Mhz
<b>Abmessungen</b> Dimensions	L: 114mm x B: 56mm x H: 24mm

## General information

This product is state of the art and has been manufactured with the utmost care and is subject to constant quality control.

These operating instructions contain important information on how to operate this product safely and properly. It must be strictly observed in order to avoid hazards and to achieve a long service life.

## Intended use

The 2-wire LED "LogiLED" controller is intended exclusively for operation with the corresponding light sources. Any other use or use beyond this is considered improper use. The manufacturer MTS-Produkte GmbH is not liable for any resulting damage.

## Staff qualification and training

- The personnel for assembly, inspection and maintenance must have the appropriate qualifications for this work.
- Information for unqualified persons is not included in these operating instructions.

## Safety instructions for installation, inspection and maintenance work

- All installation, inspection and maintenance work may only be carried out by qualified personnel. The specialists must be authorized by the person responsible for the appliance under safety law to carry out the required activities.
- The accident prevention regulations must be observed.
- The procedures described in the operating instructions must be strictly adhered to.

## General safety instructions for the operator and user

- Contact protection for live parts must not be removed.
- Legal regulations must be complied with.

## Transportation and storage

- The components must not be exposed to abnormal vibrations during transportation.
- Even for short-term storage, the appliance and the components and devices must be stored in a dry, well-ventilated and vibration-free location at a temperature that is as constant as possible.
- Do not store outdoors.

## Electrical connection

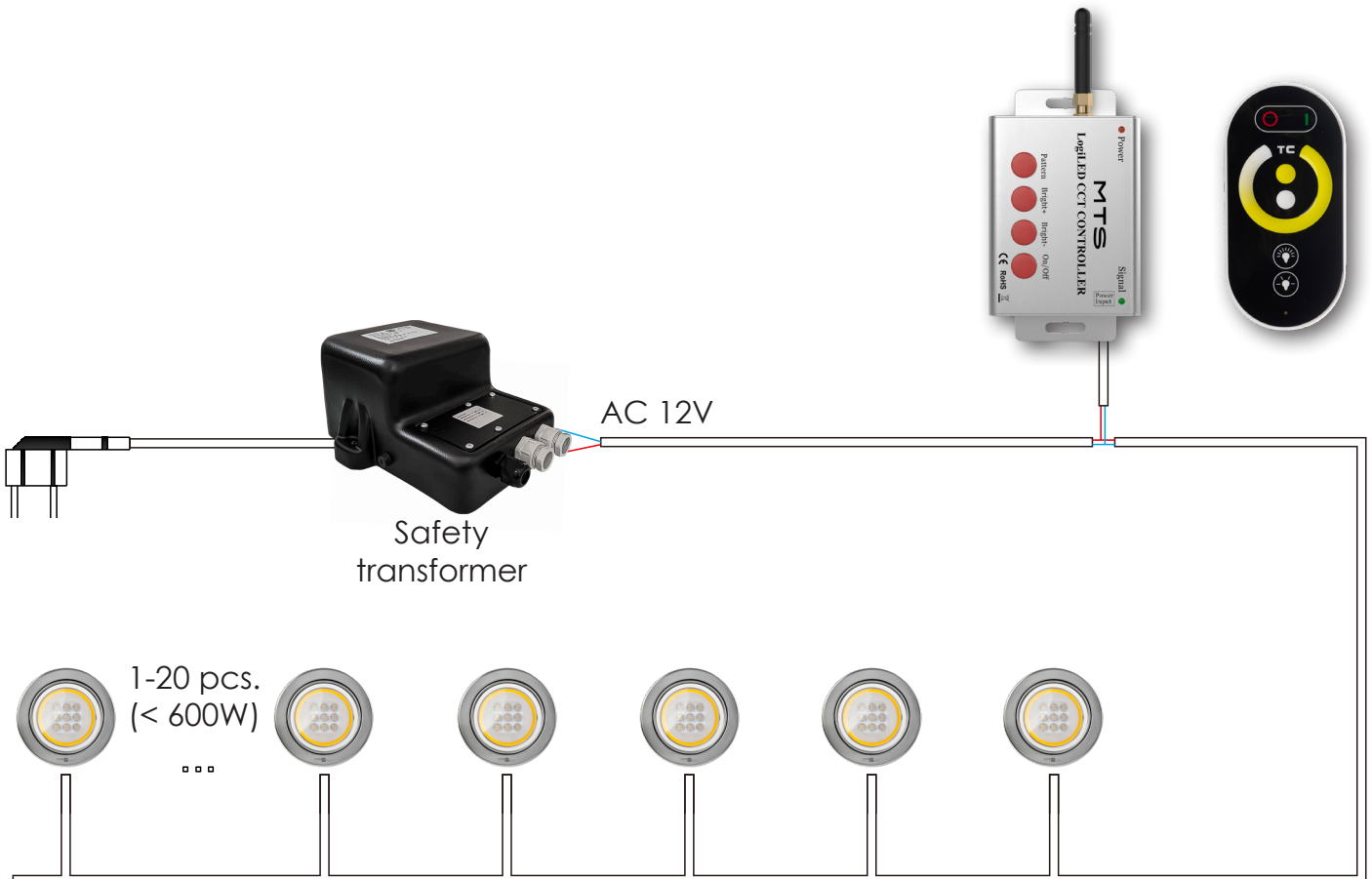
### General provisions

- All electrical connection work may only be carried out by a certified, authorized electrician from a specialist electrical company approved by the responsible energy supplier.
- When installing the appliances, it must be checked whether the nameplate information corresponds to the current type, voltage, frequency and operating mode.
- **The electrical connection work must be carried out by a qualified electrician in accordance with the provisions of EN 60335-2-41:2023-6; E DIN IEC 64/906/FDIS and VDE 0100 Part 702:2012-03.**
- All appliances must be connected to the mains according to the connection diagram. Before starting work, all appliances must be disconnected from the mains and secured against being switched on again.

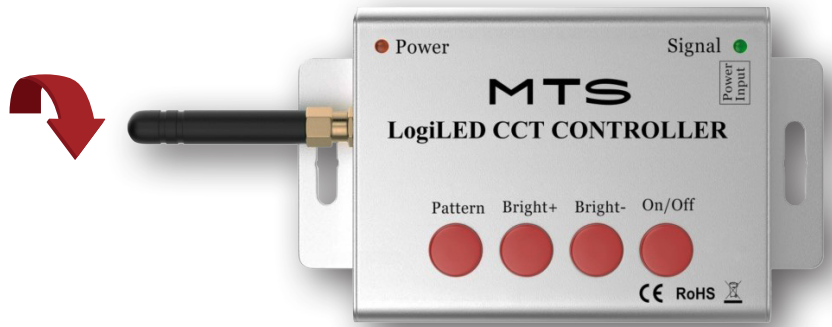
# Connection diagram

Remarks:

- The controller must be connected to a 12V AC safety transformer with a rated power of 1.5 times the power of all connected lamps. All lamps are connected in parallel to the current output.
- A maximum of 20 lamps can be connected to the controller (E81 140820) with a maximum cable length of 50 meters (maximum power 600W).
- Make sure that the wire cross-section is large enough to transmit the voltage (12V AC).



Attaching antennas

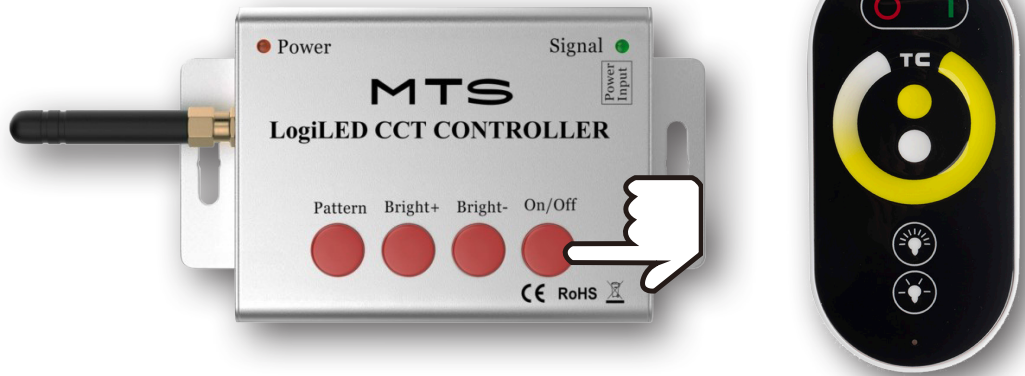


## Establishing connections (pairing)

### 1: Connecting remote control and controller.

a: Switch on the controller.

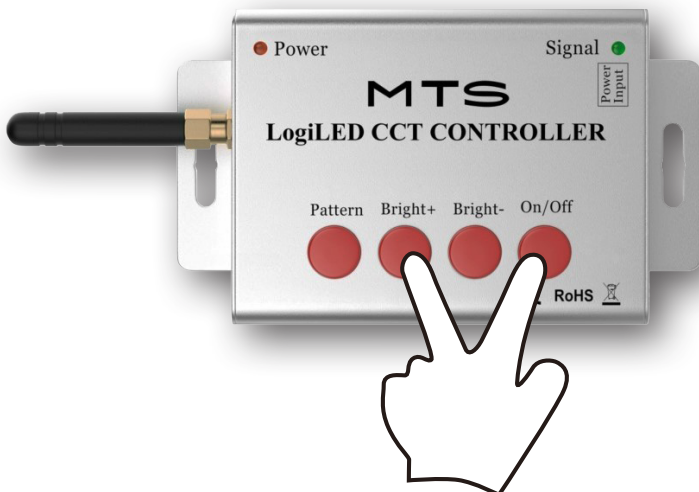
b: Press the "ON/OFF" button on the controller and the "OFF" button on the remote control at the same time. The controller will beep after 3-5 seconds and the signal light will light up green. Pairing is now complete.



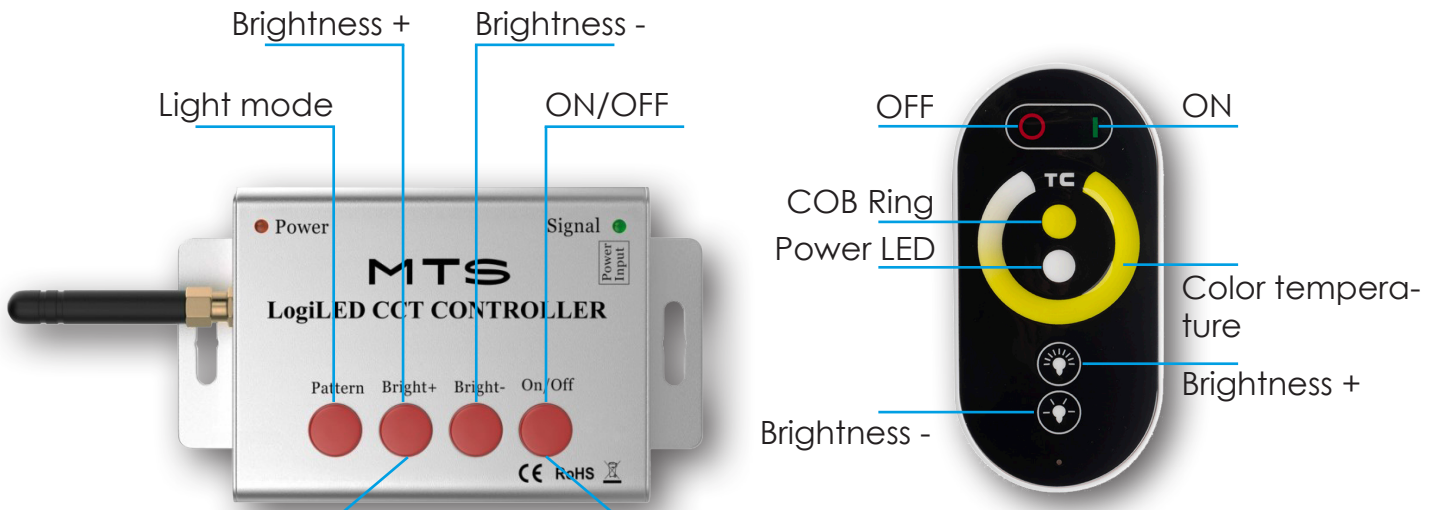
### 2: Connecting controller and lamp

To connect the controller and the lamps, press the "On/Off" button and the "Bright+" button on the controller at the same time.

The controller will beep after 3-5 seconds and the signal light will light up green. If the connected lamps then flash, pairing is complete.



Note: If this process could not be completed successfully, repeat the connection process.



ON/OFF and Bright+ together to synchronize all lamps

Press ON/OFF and OFF (on the Remote control) together to pair both

Light modes	
1	Only COB ring lights up (Ambient mode)
2	Only power LEDs light up warm white (Power mode)
3	Power LEDs light up warm white & COB ring lights up (Dual mode)
4	Only power LEDs light up cold white (Power mode)
5	Power LEDs light up cold white & COB ring lights up (Dual mode)
6	Only power LEDs light up neutral white (Power mode)
7	Power LEDs light up neutral white & COB ring lights up (Dual mode)

AMBIENT-MODE

POWER-MODE

DUAL-MODE



**Subject to technical changes!**

**In the interest of future-oriented product development, we reserve the right to make technical changes. Great care has been taken in the compilation of texts and illustrations. Nevertheless, errors cannot be completely ruled out. The publisher cannot accept any liability for incorrect information.**

**Should there be any changes before a reprint of these operating instructions, the updated version of these instructions will be made available online at [www.mts-produkte.de](http://www.mts-produkte.de) under the sub-item: Produktinfos/Anleitungen.**

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