



RADEMACHER

White + Colour LED E27 / E14 / GU10 Brief Instructions

Item no.:
35274001 (E27) / 35144001 (E14) / 35104001 (GU10)

V80 700-2 (11.20)



1. This manual...

describes how to commission and operate RADEMACHER White + Colour LEDs. Please read this manual through completely and follow all the safety instructions.

1.1 Symbols used



Dangerous situation



Other useful
information

2. Safety instructions



Risk of fire / burns and/or explosion.

- ◆ Never use defective or damaged LED lamps.
- ◆ Use the LED lamps only with the permissible nominal voltage as specified in the chapter "Technical Specifications".
- ◆ Do not allow the LED lamps to come into contact with water or other fluids.
- ◆ The LED lamps must not be dimmed with conventional dimmers.



Improper use can lead to personal injury or property damage.

- ◆ This product may be used by children from 8 years of age upwards and by people with reduced physical, sensory or mental capacities or with lack of experience and knowledge if they are supervised or have been instructed on how to use the device safely and if they understand what dangers may result from this.



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Rademacher.

E27

E14

GU10

5. Brief description

The LED lamps are Zigbee 3.0 radio network components, which in combination with the HomePilot® and the RADEMACHER Stick 8435 enable the use of all light-related performance features of the HomePilot®.

All devices logged on to the Zigbee radio network can be configured and controlled using the HomePilot® smart home app.

Functional characteristics via software using the app:

- ◆ Dimmable
- ◆ Configurable colours
- ◆ Adjustable white tones (1800 - 6500 Kelvin)

6. Log-on

1. Switch off the lamp in which the LED lamp is to be used.
2. Screw the LED lamp into the lamp fixture.
3. Switch on the lamp. There is a short colour cycle, the lamp flashes several times and then lights up white with maximum brightness.
4. Activate the log-on mode on the HomePilot®.
5. As soon as the LED lamp appears in the app, it is ready to operate and can be configured and controlled.

Irrespective of this, the LED lamp signals that it is connected to the HomePilot® by flashing briefly twice.

6.1 Log-off

1. Activate the log-off mode on the HomePilot®.
2. Select the LED lamp in the list.
3. The LED lamp can now be integrated into another network.

7. Restore the factory settings (reset)

1. Switch off the lamp with the light switch (not via Home Pilot®).
2. Switch the lamp on and off 6 times, each time for one second.
3. After switching the lamp on again, there is a short colour cycle, the LED lamp flashes several times and then lights up white with maximum brightness.



The switch-on behaviour described does not change until you log on to a radio network again.

8. Technical specifications

RADIO DATA	
Protocol:	Zigbee 3.0
Transmission frequency:	2.4 GHz - 2.4835 GHz
Transmission power:	Max. 10 mW
Radio range:	up to 30 m, depending on the building structure
ELECTRICAL DATA	
Nominal voltage:	220 V - 240 V
Mains frequency:	50 Hz - 60 Hz
Standby consumption:	< 0.5 W
Consumption:	E27 = 8.5 W E14 = 4.8 W GU10 = 4.8 W
Permissible ambient temperature:	-20 °C to +40 °C
LIGHTING DATA	
Luminous flux:	E27 = 806 lm E14 = 470 lm GU10 = 420 lm

RADEMACHER

Geräte-Elektronik GmbH
Buschlamp 7
46114 Rhede (Germany)
info@rademacher.de
www.rademacher.de

Service:

Hotline 01807 933-171*
Fax +49 2872 933-253
service@rademacher.de

* 30 seconds free of charge, subsequently 14 cents/minute from German fixed line networks and max. 42 cents / minute from German cellular networks.

Subject to technical modifications, misprints and errors.
Illustrations not binding.

9. Simplified EU declaration of conformity

CE RADEMACHER Geräte-Elektronik GmbH hereby declares that the White + Colour LEDs (E27 / E14 / GU10) comply with the Directive 2014/53 EU (Radio Equipment Directive). The full text of the EU declaration of conformity is available on our website.
www.rademacher.de/ce

10. Warranty terms and conditions

RADEMACHER Geräte-Elektronik GmbH provides a 24-month warranty for new devices that have been installed in compliance with the installation manual. All construction faults, material defects and manufacturing defects are covered by the warranty. Your statutory warranty claims remain unaffected by this warranty.

The following are not covered by the warranty:

- ◆ Incorrect fitting or installation
- ◆ Non-observance of the installation and operating manual
- ◆ Improper operation or wear and tear
- ◆ External influences, such as impacts, knocks or weathering
- ◆ Repairs and modifications by third parties, unauthorised persons
- ◆ Use of unsuitable accessories
- ◆ Damage caused by unacceptable excess voltage (e.g. lightning strike)
- ◆ Operational malfunctions caused by radio frequency overlapping and other such radio interference

A prerequisite for the warranty is that the new device must have been purchased from one of our approved specialist retailers. Proof of this must be provided by presenting a copy of the invoice. RADEMACHER will remedy any defects that occur within the warranty period free of charge either by repair or by replacement of the affected parts or by supplying a new replacement unit or one to the same value. There is no general extension of the original warranty period by delivery of a replacement or by repair as per the terms of the warranty.