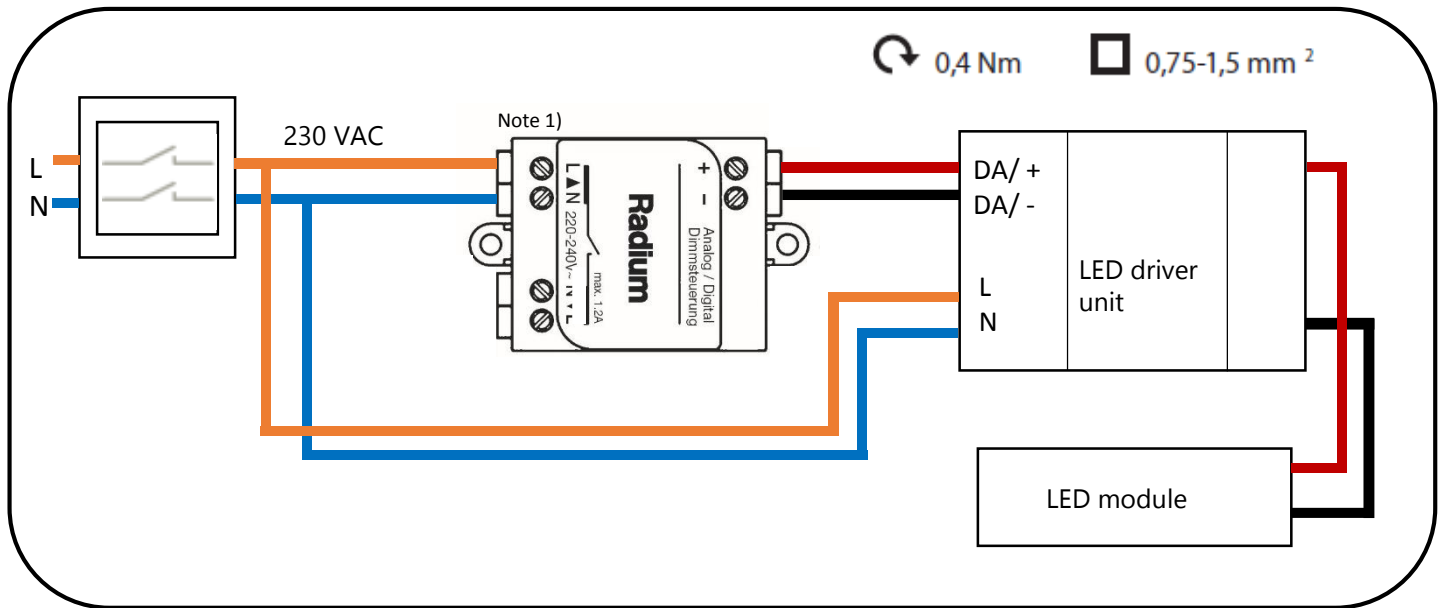


Radium

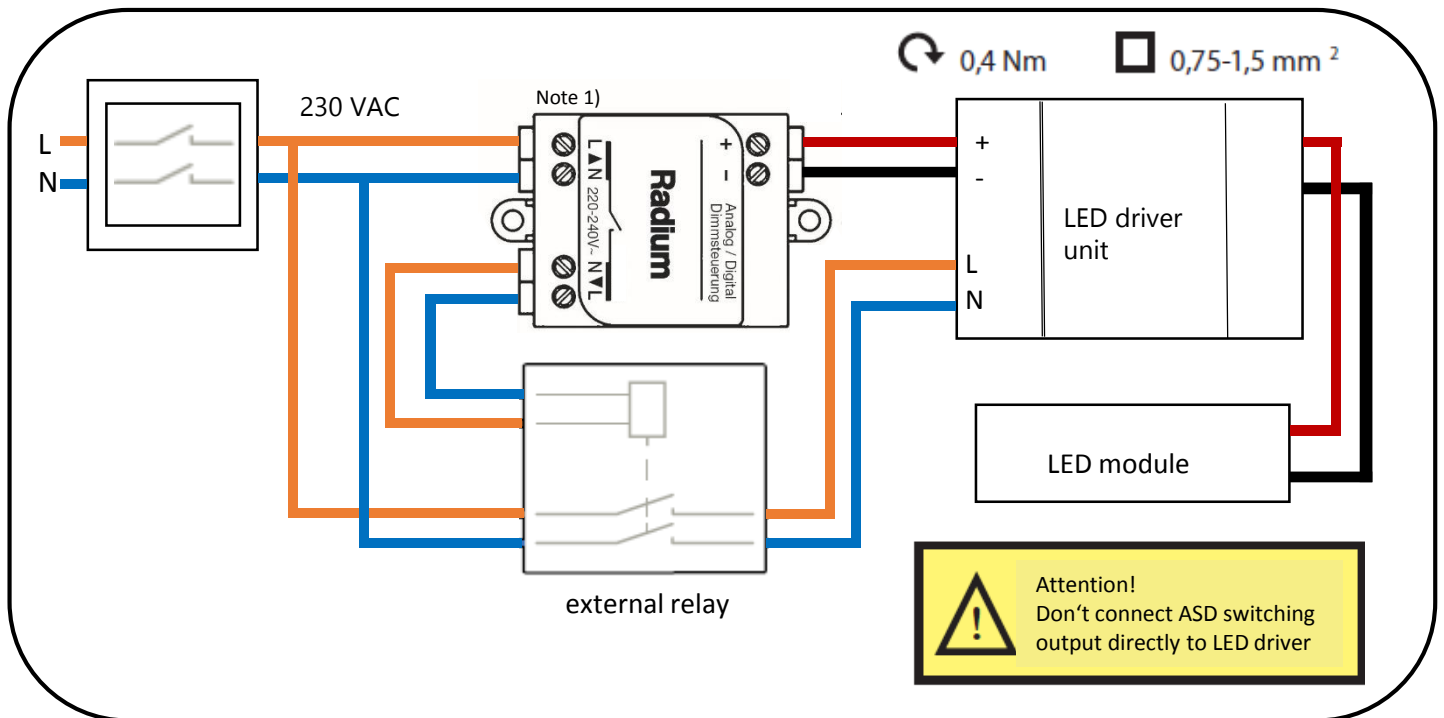


SMART Blue – Bluetooth Control Unit Installation Guide

Direct connection of DALI or 0-10V driver



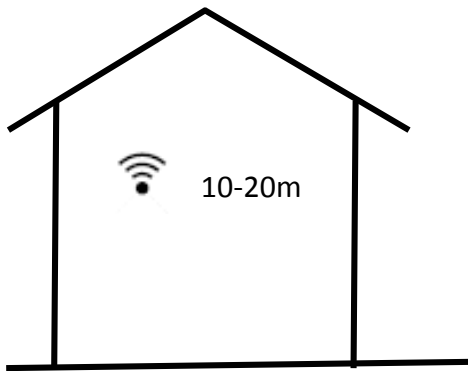
Installation of switching output via external relay



Note 1) The Smart BLUE TED is a protection class II device. Mounting must be carried out either in an installation socket or within the luminaire.

Note 2) The Smart BLUE TED does not comply with IEC 60929 and, therefore, cannot be connected to an existing DALI-network.

Range



50m (1)



Casambi app
erhältlich bei:



Casambi uses network technology, which means that every Smart BLUE TED does also act as a repeater. By employment of several TEDs, larger ranges can be reached.

Compatible with:

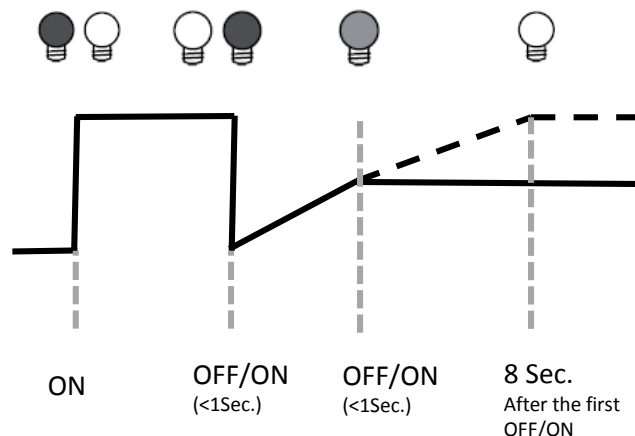
iPhone 4S or higher
iPad 3 or higher
iPod Touch 5th Gen or higher

Android 4.4 KitKat or higher
From 2013 mainly Bluetooth 4.0 support

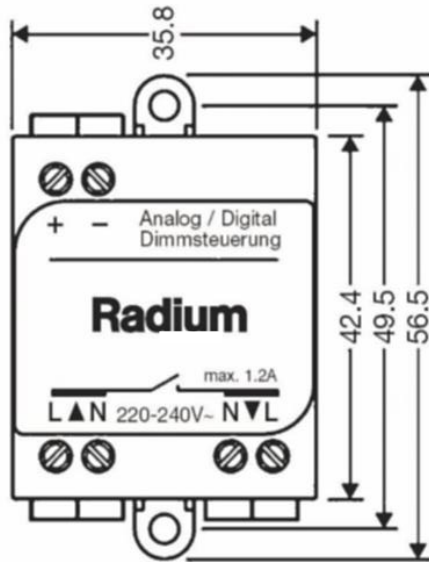
Note (1) The range depends heavily on the environment, it may be restricted by surrounding barriers like walls or other building materials.

Dimming without App with Wandschalter

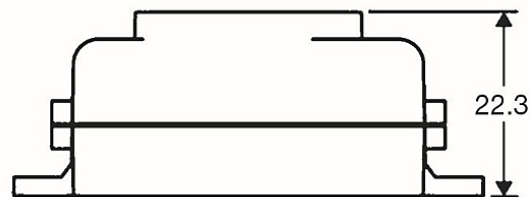
1. Switch on lighting with wall switch
2. Quickly, switch both OFF and ON within 1 Sec.
Lighting will dim up slowly.
3. Again, switch quickly OFF and ON at dimming level wanted.
This current dimming level will be saved.
4. If the second quick OFF and ON does not come within 8 sec., lighting.



Dimensions



Diameter Mounting holes:
Ø 3,5 mm



Technical Data

Power supply

Mains voltage range: 220-240VAC
Frequency: 50 Hz
Max. current drain: 1,2 A

Switching output

Relay: SSR in phase
Mains voltage range: 220-240 VAC
Frequency: 50 Hz

0-10V interface

Voltage range: 0-10 VDC
Max. control current: 7 mA

DALI interface

Bus voltage: 12VDC
Max. control current: 7 mA

Radio transmitter

Transmission frequency: 2,4...2,483 Ghz
Max. transmission power: +4 dBm

Operating conditions

Environmental temperature, t_a : -20...+70°C
Max. case temperature, t_c : +70°C
Storage temperature: -25...+75°C
Max. relative air humidity: 0...80%, non-conductive

Connecting terminals

Cross section: 0,75-1,5 mm²
rigid cable: 14-22 AWG
flex. cable: 14-22 AWG
Skinned cable length: 6-7 mm
Tightening torque: 0,4Nm/4Kgf.cm/2,6Lb-In

Mechanical Data

Dimensions: 56,5x35,8x22,3 mm
Weight: 48 g
Protection: IP20
Protection class: Protection class II