

Light is OSRAM

NFC Scanner

User guide for the passive antenna

OSRAM offers an industry-proven solution consisting of an intuitive software suite and standardized plug-and-play hardware interfaces to optimize, simplify and speed up the manufacturing, installation and maintenance of indoor and outdoor LED luminaires.

Hardware interfaces for smartphones with NFC antenna can be used to program NFC LED drivers. In case your smartphone has a low-quality NFC antenna or does not have an NFC antenna at all, you can also use the optional passive antenna and NFC Scanner. Via Bluetooth®, these devices can be easily connected to the smartphone and then provide a reliable and stable NFC connection. Bluetooth® also offers a more comfortable way of programming LED drivers which are already built into a luminaire.

Areas of application

- Wireless programming of LED drivers using the T4T Field software

Tuner4TRONIC Field app features

- Wireless and mains-voltage-free programming of OSRAM outdoor NFC LED drivers
- Adjustment of luminaire light output and dimming levels
- Copy-and-paste function to transfer luminaire settings from defective to replacement LED drivers
- Support of OSRAM’s new-generation OT 1DIM and 4DIM outdoor LED NFC drivers

Product family features

- Small and robust NFC antenna extension
- Uses Bluetooth® to provide NFC functionality to smartphones without NFC antenna
- Includes passive antenna for increased signal strength

Step-by-step instructions

Provided equipment



Equipment and accessories

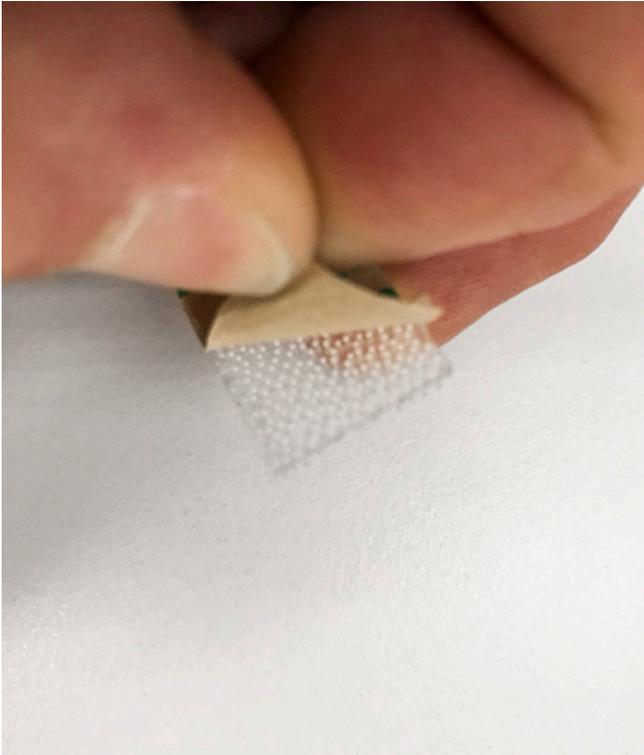
- USB cable (Micro USB type B)
- NFC Scanner
- Passive antenna
- Velcro fasteners

Passive antenna



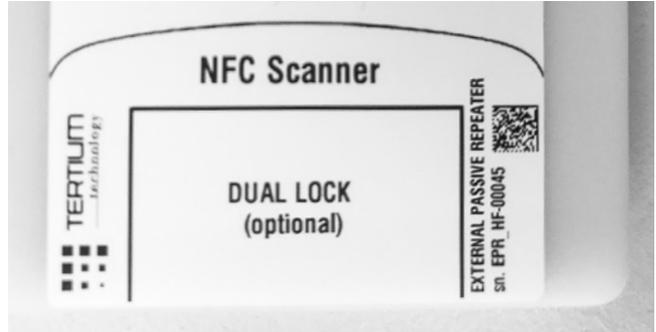
Step 1:

Remove the protective film from the adhesive surface of the Velcro fasteners



Step 2:

Stick one of the provided Velcro fasteners on the marked DUAL LOCK area of the passive antenna



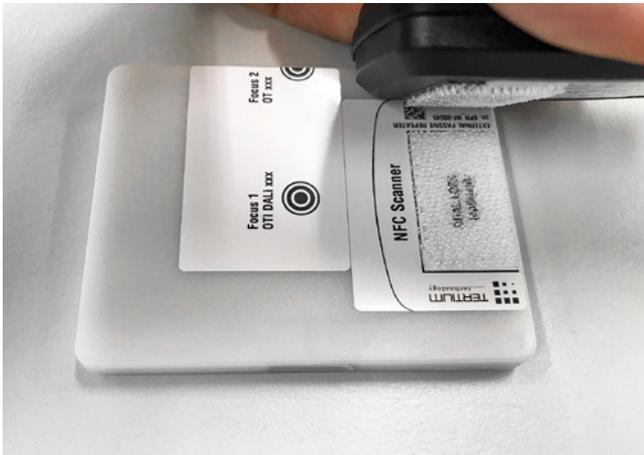
Step 3:

Stick the other one of the provided Velcro fasteners on the NFC Scanner



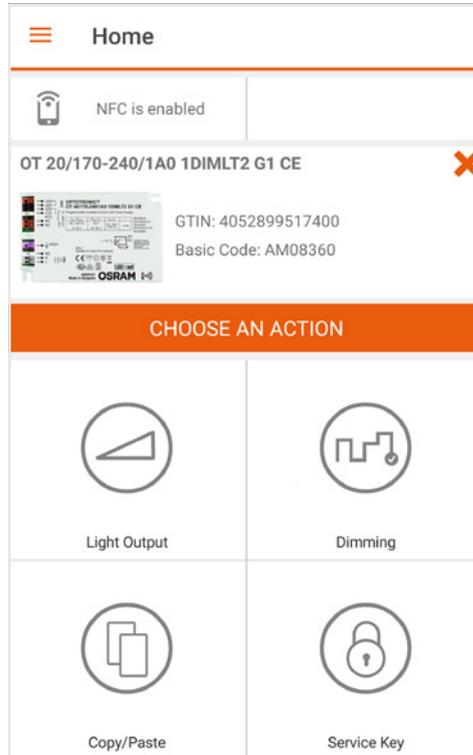
Step 4:

Use the Velcro fasteners to attach the NFC Scanner to the passive antenna



Step 5:

Open the Bluetooth® function on your mobile phone and start the T4T Field app



Step 6:

T4T Field app programming can be started



Logistical data

EAN: 4055462290281

References and links

Tuner4TRONIC software available at
www.osram.com/t4t



Video

TERTIUM Technology:
NFC Scanner with and without NFC Passive Repeater
<https://youtu.be/NYgL-qa2GJ8>



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