



OPTICAL WIRELESS COMMUNICATION

LIFI STARTERKIT

Smart solutions for smart lighting with PoE power supplies and Lifi Technology.



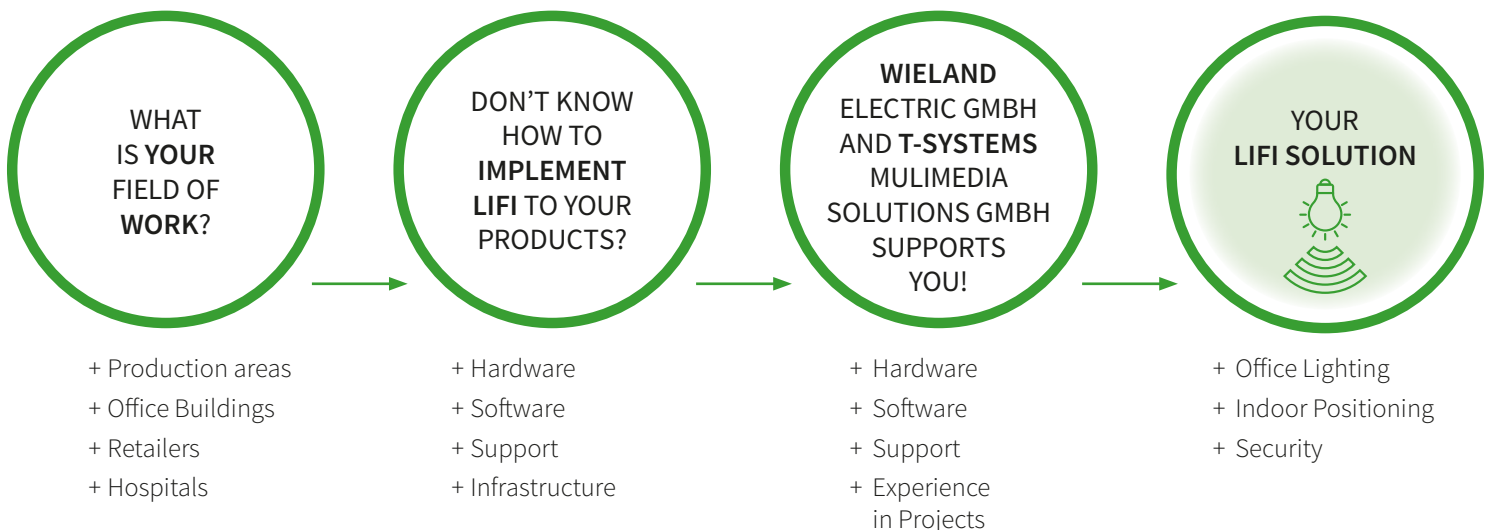
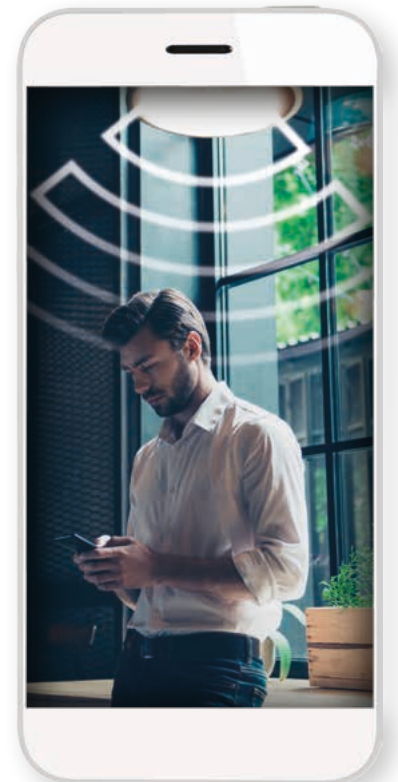
- + Turnkey ready
- + Full-Service
- + Plug & play

SMART LIFI STARTERKIT FOR DEVELOPING PROJECTS.

LiFi offers completely new ways of communicating and connecting devices. In the future, every streetlamp could be a highspeed internet access. In a hospital or in industry areas, where otherwise no radio frequencies can be transmitted, the Internet or other file transfers can be used by LiFi.

However, all possible applications can only be mentioned once LiFi has established itself on the market and it is possible to buy LiFi equipment. In principle, data transmission via light can be used everywhere where light is available, which offers a huge number of possible applications.

In combination with software partners and the lighting industry, Wieland Electric provides the related hardware for customized VLC- solutions it fits for applications in the industry, offices, retail and other sectors.





STARTERKIT OFFICE LIGHTING WITH VLC.

APPLICATIONS:

High bandwidth data communication in office environments, e.g. in

- + Meeting rooms
- + Factory buildings
- + Exhibition stands
- + Schools
- + Museums, zoos, theme parks, ...

CUSTOMER BENEFITS:

- Ceiling lighting and access point in one.
- No RF radiation.
- Low energy consumption.
- No penetration of opaque objects.



STARTERKIT INDOOR POSITIONING.

APPLICATIONS:

Highly precise interior localization & asset tracking (of machines, Shopping carts, floor robots, smartphones) e.g. in the retail sector or in production areas:

- + Geofencing
- + Providing of movement data for dashboards

CUSTOMER BENEFITS:

- More exact location than via WLAN.
- Reduced cabling effort.
- Increased flexibility (e.g. in workshops).
- Partly Elimination of additional devices for smartphones (dongle).
- Uses the existing lighting infrastructure.



STARTERKIT SECURITY.

APPLICATIONS:

Securely limited transmission field high-bandwidth data access.

Secure communication in:

- + Production
- + R & D
- + Conference rooms
- + Military

CUSTOMER BENEFITS:

- Safest wireless data transmission.
- Lower installation costs, as Plug & Play.
- Increases flexibility (e.g. in workshops).
- Reduces cabling effort.

”As a solution provider for the lighting industry, we offer with LIFI a smart solution for the future.“

STEPHAN LAUER

Business Development Manager Lighting + Building



wieland

HEADQUARTERS

WIELAND ELECTRIC GMBH
Brennerstraße 10 – 14
96052 Bamberg · Germany

Phone +49 951 9324-0
Fax +49 951 9324-198
info@wieland-electric.com

0703.1 S 03/18

Global sales partners in over 70+ countries:

www.wieland-electric.com