

RADIO LED



BROADBAND COMMUNICATION
WINNING TECHNOLOGIE

INNOVATIVE AND REVOLUTIONARY

RADIOLED, is a multifunctional streetlight with integrated antenna and mobile communication technology which offers uncomplicated connection of nearly every area to a high performance broadband network.

The advantages of the LED light technology like economic efficiency and a need-based dimming with the highest light quality are the basis technology for a new dimension in the broadband communication.

The solar lamp is an optional variation, which stands for the integrated and sustainable energy concept of **RADIOLED**.

ECONOMIC EFFICIENCY

Offering high-speed Internet access to inhabitants and local companies in every region is connected to many social requirements. Realizing this without disadvantages and high operating expenses is a revolutionary technical achievement.

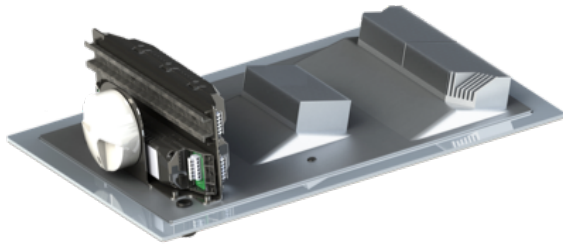
In a central system administration maintenance and additional services are controlled.

The efficiency of a multifunctional, modularly expandable and variable solution, which the lighting system developed by **RADIOLED** offers, is cost-effective and amortizes over the years.

An area-wide broadband access without excavations improves the commercial possibilities in different areas and industries. The technological future will be defined in a new way along this value chain.

TECHNICAL OPTION

		FUSION-LIGHT Lamp with LED & Antenna & Mobile communication Technology
	PRE-LIGHT lamp with LED & antenna technology	braodband communication lamp
START-LIGHT Lamp with LED Technology	broadband prepared lamp	GSM/UMTS/LTE Remote-Unit for Multi-Operator
Basis Light	integrated antenna	IP Connection
LED as well as integrated and centrally assessable	customer specific antenna characteristics	Multi-Adapter USB, LAN, NFC, Bluetooth
individuable brightness control	upgrading possibilities	Capacityrouting & Powermanagement
individuable brightness control central control of operating state	integrated design of the antenna	Integrated Wireless LAN



**RADIOLED TECHNOLOGY
START-PRE-FUSION-LIGHT
For an individual luminaire design**

Controller unit and electronics for streetlights linked via radio communication and power line

- Web surface for central control



**INDUSTRIAL LIGHT
moisture-proof lamp for high temperature
and extreme requirements concerning the
density**

- 3 luminous flux variations installable 15W/25W/40W
- ceiling and wall suspension



**TUNNEL LIGHT
START-PRE-FUSION-LIGHT**

- thoroughfare illumination and adaption illumination
- 3 LED Modules – each Module 10W to 90W
- VA4 stainless steel surface
- Possibility to integrate in already existing lamp designs of different models



**STREETLIGHT
START-PRE-FUSION-LIGHT**

- S to F lamp
- can be used for illumination conforming to standards
- assembly variations: pole, wall and pendant lamp
- radio-controlled
- 2 LED Modules each Module 10W to 90W

AREA OF APPLICATION

Streetlights and solar lights

S to F lamps,

can be used for illumination conforming to standards in living areas, side and main streets and in industrial areas.

Industrial light

for high temperature and extreme requirements concerning the density

Tunnel light

thoroughfare illumination and adaption illumination (available with and without backlighting effect)

RADIOLED electronics for luminaire

Streetlights with or without LED in line with the market

