



**smarti**<sup>®</sup>  
intelligent lighting

# Street Light Controller

Product Brochure





# Company



## Setting the industry standards

smarti lighting as part of TAB SYSTEMS GROUP is a producer and developer of extremely efficient LED street, tunnel, high bay, flood lights and innovative intelligent street lighting solutions. We have over 25 years of experience and have been committed to quality and simplicity ever since. We strive to perfection in the desire of satisfying our customer's needs and bringing you the light of tomorrow.



 TAB Systems Inc.



### 7 Years Warranty

Our products are extremely reliable and dependable, without any compromises.



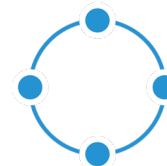
### Quality

We offer class leading technology in a quality solution.



### Competitive Prices

Market leading price tags.



### Adaptable

We can adapt to almost any of our costumers requirements.



### Industry Specialist

With over 25 years of industry experience we are the name to go with.



### EU Made

Our products are designed and produced in Slovenia/ EU ground-up.

# Essential to Our Solution

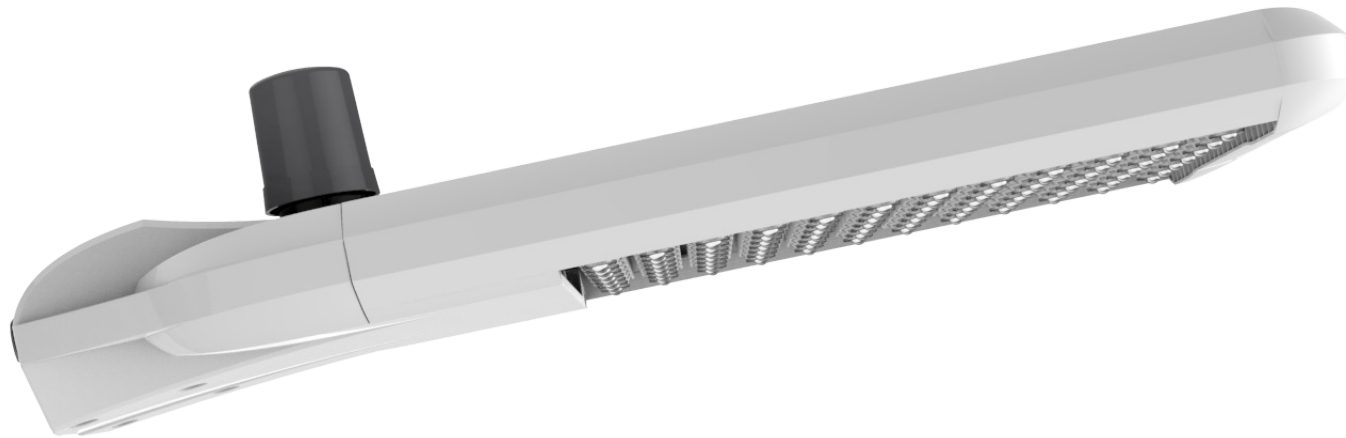
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## Introduction

Smarti street light controller is a device that allows users to control street lights and at the same time receive valuable feedback. Single light controller is attached to the street light and connected to smarti gateway via RF signal. Each gateway can support up to 250 controllers and is linked to smarti cloud via GPRS, LAN or WiFi connection. Controllers use 2.4GHz wireless communication of the IEEE.802.15.4 standards to communicate between each other, which is a must to successful intelligent lighting solution.

## Efficient

Smarti controller features a high quality solid built and at the same time manages to retain sleek and modern design. With its innovative spin to fit technology it enables tool free installation as well as reduces maintenance time and costs. It is built to withstand any environmental or weather impacts due to its IP65 grade protection and therefore making it a very reliable system. In case of any equipment being damaged, smarti controllers will function exactly the same, providing all the necessary features.



# Features



## Light Dimming

One of the main features of the smarti street light controller is certainly the dimming option. It provides light dimming from any computer or smart device making it a very practical and useful part of our complete intelligent solution.



## Schedules

With our controller users are able to set schedules suiting their needs. So what does that mean? It basically means that your energy savings will be even greater, the service life of the street lights will prolong and maintenance costs will significantly reduce.



## Safety is Our Priority

Entire communication regarding our street controllers is extremely safe. We embedded 128bit encrypted communication data, with only one purpose of bringing you the next generation safety. With our solution you do not have to worry about a single illegal breach that may cause any inconvenience.



## Design

With its innovative spin to fit technology it enables tool free installation as well as reduces maintenance time and costs. In case of any equipment being damaged our controller will function exactly the same.

# Specifications

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Communication Mode: 2.4GHz Wireless  
Transmitter Power: 9.5 dBm/22 dBm  
Receiving Sensitivity: Transmitter Power: <9.5dBm; 96dBm/Transmitter Power: <22dBm; -100dBm  
Power Parameters: 85 ~ 305VAC; 50/60Hz  
Load Capacity: 3A (max.)  
Dimming Signal: 0-10VDC or PWM  
Operating Temperature: -40°C ~ +70°C  
Protection Rating: IP65  
Standby Power Consumption: <2W (Under the 220VAC Power Supply Condition)

## Measurements

Lamp-mounted: 100mm (height) × 85mm (diameter).





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The  
light of  
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