

geolux

e-SMS



Product description

powered by
IMPEDANCA

EUROPEAN UNION
EUROPEAN REGIONAL
DEVELOPMENT FUND
INVESTING IN YOUR FUTURE

REPUBLIC OF SLOVENIA
MINISTRY OF ECONOMIC DEVELOPMENT
AND TECHNOLOGY

The next level of smart lighting. Going far beyond customizable dimming options, e-SMS is equipped with advanced sensory components that allow it to feel its environment and help build the connected smart cities of tomorrow.

It is capable of providing localized and precise real-time measurements of a range of environmental parameters, such as temperature and humidity, ambient light levels, particulate matter concentrations, and gasses such as CO₂. The individual luminaires automatically communicate their findings to the control system and are capable of generating autonomous alarms and fine-tuned responses to the changes in environmental conditions.

Innovative engineering resulted in a high level of integration of sensory components without requiring additional casings. The luminaire fits comfortably on existing city infrastructure and does not intrude on or alter the overall appearance of the urban landscape.

Applications

Parks, squares, parking lots, streets

Dimming

Sensor integrated dimming system



SMART
LED
SOLUTIONS



ULOR=0

IK 09
Up to

WARRANTY
5
YEARS

LIFETIME
100
THOUSAND HOURS

IP67

CLASS I/II



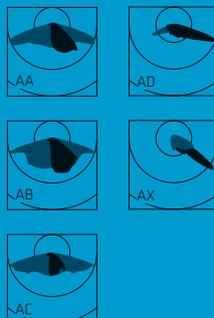
Technical description

Model M



Luminous flux	2272 lm - 8520 lm
Power	16 W - 60 W
Weight	7,5 kg (dep. on option)
Length	625 mm
Width	325 mm
Height	310 (67) mm

Optics



INTELLIGENT
PERCEPTION

FEEL
& ILLUMINATE

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ENDLESS POSSIBILITIES



ADVANCED ILLUMINATION

Highly efficient, environmentally compliant, and flexible lighting systems.



INNOVATION IN DESIGN

A synthesis of esthetics, smart technology, and functionality.



EASY TO CONNECT

Trouble-free installation and compatibility with existing infrastructure.



INTUITION IN DEVELOPMENT

An experienced team with an acquired feel for developing advanced lighting solutions.



EASYJUST SYSTEM

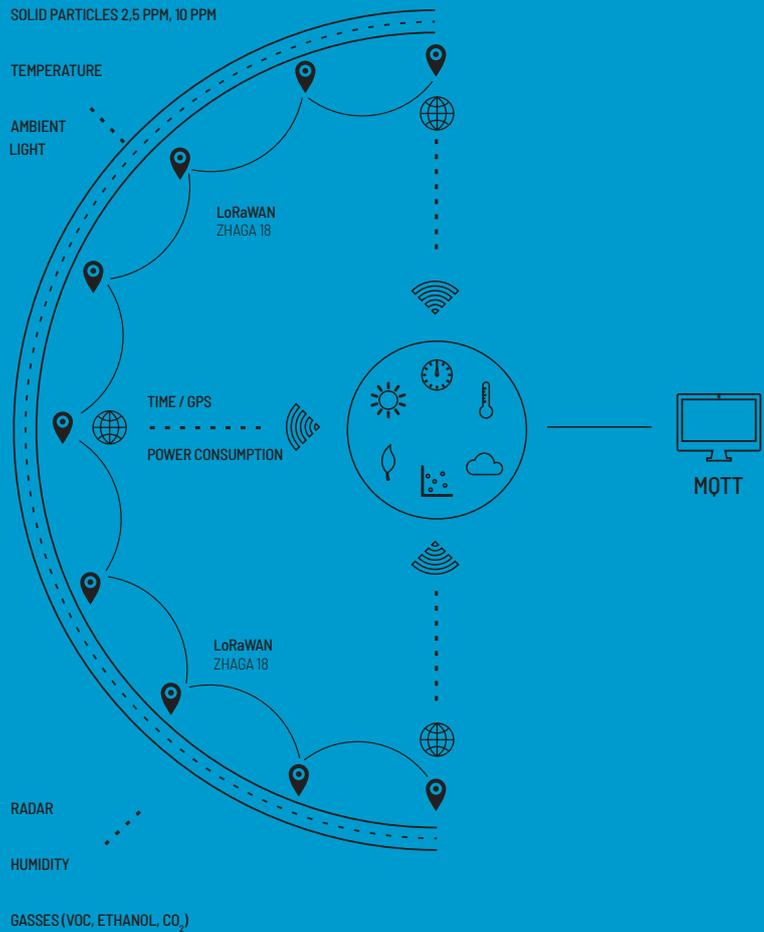
Precise and stable angle adjustment of the luminaire during and after installation.



TUNEOPTICS SYSTEM

Advanced optical configurations for a wide range of lighting applications.

FUNCTIONALITY OVERVIEW



ABOUT US

Geolux. Esthetically refined, technologically advanced, and functionally innovative LED illumination that places GeoEnergetika among the leading providers of urban smart lighting systems.

RECOGNIZED CREATIVE VISION

We deliver. Our commitment to developing solutions that unify the visual, technological, functional, and environmental aspects has been validated at acclaimed international design competitions, such as iF Design, German Design, Red Dot, Big See, and PowerUp!

COMPREHENSIVE IMPLEMENTATION

Rich experience from private and public sector contracts, comprehensive project management, adherence to international quality standards, and collaboration with reliable business partners allow for optimal planning and realization of sustainable systems of illumination.

ILLUMINATION SYSTEMS OF THE FUTURE

They are the foundation of our long-term development potential. By developing smart lighting systems that encompass advanced sensory components and communication protocols, we strive to surpass existing technological solutions and approach the field of intelligent illumination.

A COMPLETE LIGHTING SUITE

Ideas should have diverse manifestations. That is why our range of luminaires covers all of the main lighting applications: street and urban illumination, as well as industrial and indoor lighting

