

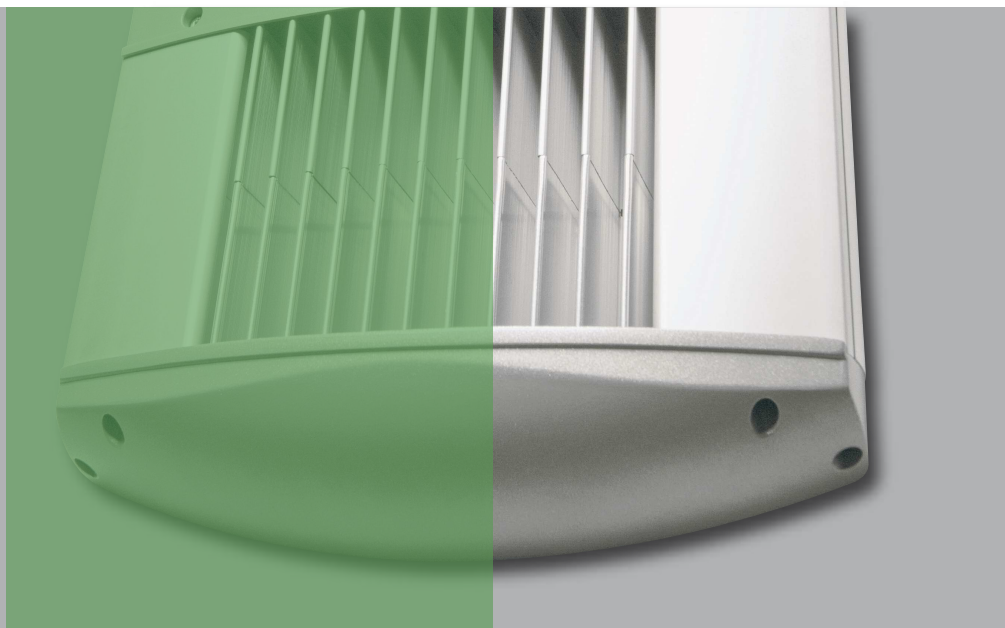
# LÙMINO

EXCELLENT PERFORMANCE  
GUARANTEED OVER TIME,  
WITH MINIMUM INVESTMENT



# LÙMINO

PERFORMANCE  
AND PROVEN QUALITY



**LÙMINO** represents the high-performance solution for street environments, designed to ensure exceptional lighting levels and a quick return on investment.

Functionality, versatility and reliability distinguish **LÙMINO** series. It offers a flexible combination of LEDs modules, a wide range of optics and different lighting control options.

**LÙMINO** can be equipped with the intelligent remote control system that allows to obtain benefits that go beyond the lighting, making possible the new Smart City paradigm.

# THE LED LIGHTING SOLUTION TO CREATE SAFER, MORE EFFICIENT AND INTELLIGENT PUBLIC SPACES

**LÙMINO** is a combination of performance and durability that effectively meets the needs and goals of the public street lighting system, by ensuring excellent results and a significant reduction of operating and maintenance costs related to the lighting system. **LÙMINO** is a made in Italy street lighting solution that contributes to improve the quality of life, to increase the visual comfort and the safety of the public environments while reducing the cities carbon footprint.



## Benefits

- **Over 60% of energy savings** compared to the traditional technologies. Reduction of maintenance costs. Quick payback time and long-term economic benefits.
- **Modular system** to perfectly answer to different lighting needs. Excellent lighting distribution and high color rendering that ensures the proper lighting of the environment, complying with the standard.
- **Brilliant and long-life time light.** No UV and IR. Instant-on with 100% of luminous flux. High visibility that improves the safety of pedestrian and vehicular traffic and makes it easier the user's orientation. Valorization of urban and public spaces.
- **Reducing the environmental impact** and lighting pollution.
- **Multiple options: lighting control options and remote control system**, with the possibility to integrate third-party and intelligent devices in order to create the Smart City.

## Applications

- Streets, roads, urban areas, highways
- Squares, roundabouts, parking areas
- Residential areas, pedestrian paths
- Logistic areas, industrial outdoor areas, outdoor areas

# LÙMINO

**Modular system designed to meet the different street lighting needs.**

High-efficiency LEDs modules make Lùmino perfect for multiple applications.

**Optimized design that maximize efficiency and resistance**

Innovative heat sink design, not only keep ventilation but also avoid laceration. Gaps between each module are increased heat dissipation speed and solved the problem of dust deposition maximizing the luminaire's life time.

**Optics for every lighting design need**

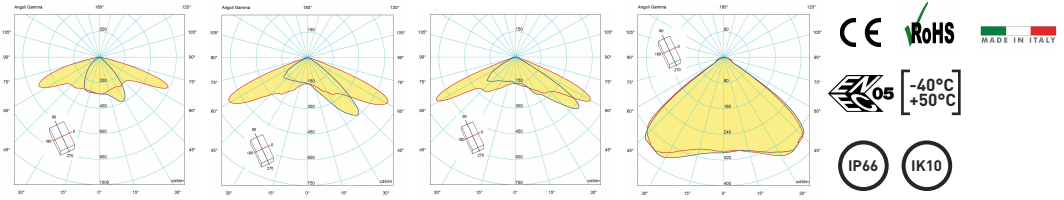
Resistant and high-performance optics. They perfectly meet the needs of multiple street environments guaranting brilliant light over time. High uniformity, maximum lighting control, no glare and reduction of lighting pollution.

**Flexible installation, quick and easy maintenance.**

Lùmino has been designed for the installation on pole and achieve the horizontal and vertical mounting, with tilt angle 0-15° for each installation direction. The product allows a quick and easy maintenance ensuring the perfect lighting over time that guarantees the safety of public spaces.



## Photometric data



## Features

<b>Installation</b>	Outdoor
<b>Lumen package range</b>	From 4.200 lm to 16.200 lm
<b>Power consumption</b>	From 35W to 135W
<b>Operating temperature range</b>	-40°C + 50°C
<b>Materials</b>	Body: die-cast aluminum Heatsink: anodized aluminum extrusion Optic: PC
<b>Ingress protection</b>	IP 66
<b>Impact Resistance</b>	IK 10
<b>Electrical safety class</b>	II (standard)-I (on request)
<b>Rated Voltage</b>	200÷240 V ac, 50/60Hz
<b>Driver</b>	Integrated
<b>Color temperature</b>	Warm white, Neutral white, Cool white
<b>Color rendering index</b>	CRI>70 (standard);CRI>80 (on request)
<b>Photobiological safety</b>	Exempt Group
<b>Light degradation</b>	>100.000 h (L80/B10)
<b>Protections</b>	NTC protection (upon request, subject to feasibility check) Overvoltage, Over temperature, Electrical short circuit Surge protection: 6kV differential mode/ 10kV common mode
<b>Certifications</b>	CE-ENEC
<b>Warranty</b>	6 years

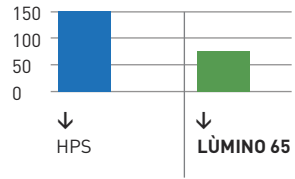
**Dimensions | mm    Weight | kg**

431x316x136	5,3
504x316x136	6,1
577x316x136	7,3
650x316x136	8,2

## TECHNOLOGIES COMPARISON

Traditional vs Lùmino

### New lighting system



**Reduction of installed power 57%**

### Lighting control options

In the standard version, the luminaire is provided with a constant LEDs current.  
Lighting control options are available upon request:

- Analog dimming options (ex. 0-10V)
- Time dimming (midnight point)
- Output lumen compensation
- DALI dimming

### Intelligent lighting control system

(option upon request, subject to feasibility check)  
The lighting fixtures can be equipped and integrated with the remote control system that allows to manage and monitor the lighting system. The remote control system also provides to enable value-added services and functions in order to create the SMART CITY.

For more information, please visit our website [www.greenledindustry.com](http://www.greenledindustry.com) and download the brochure "Intelligent lighting control system".

Please visit [www.greenledindustry.com](http://www.greenledindustry.com) for complete and updated data sheet

## Case Study



### Municipality of Piancastagnaio (SI)

Installation of 1500 Greenled Industry's lighting fixtures.  
"Point-to-point" remote control system.

**Over 70% of energy savings**  
achieved thanks to high-efficiency luminaires and intelligent lighting control system

**Reduction of maintenance costs**  
and lighting system complying with the standard.

**Enabling value-added services for Smart City**

**Greenled Industry** is an Italian company specialized in LED lighting systems that are suitable for industrial environments, also in harsh environmental conditions, street and large areas lighting, commercial lighting.

The company offers made in Italy solutions that ensure high quality, superior performance and long life time, guaranteeing excellent lighting results.

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*In order to guarantee a continuous updating of its products, Greenled Industry reserves itself the right to modify the contents without notice.*



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