

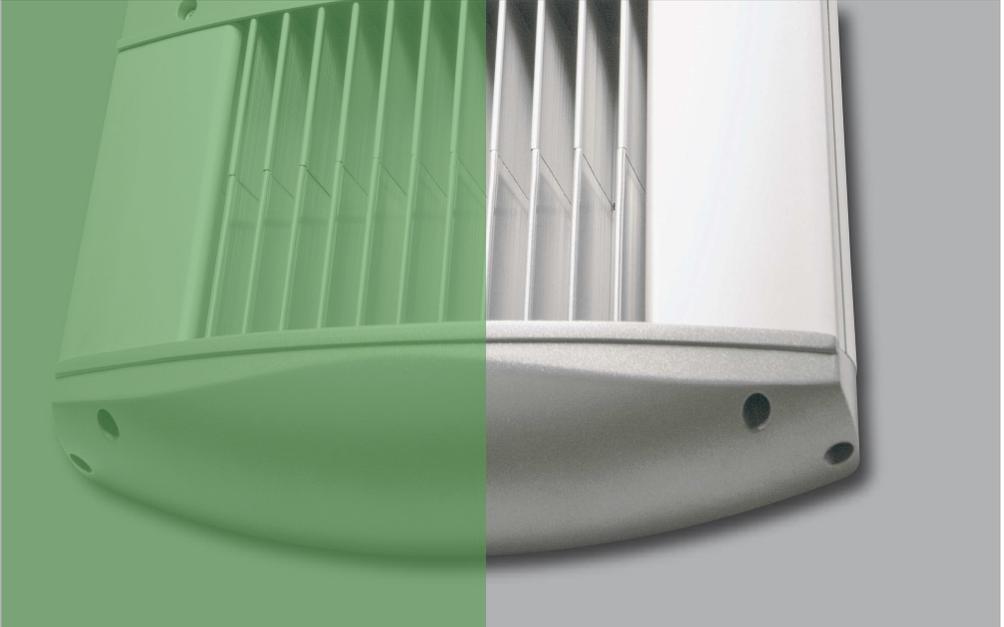
LÙMINO

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

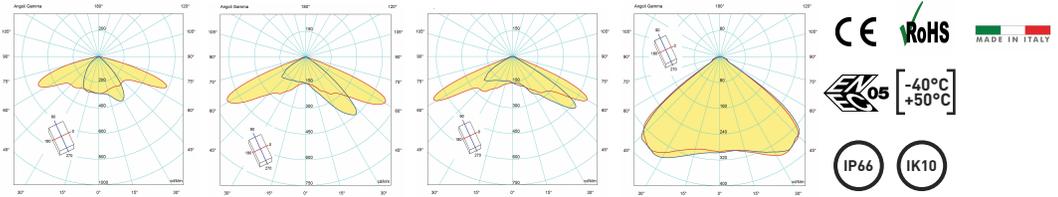
Resistant and high-performance optics. They perfectly meet the needs of multiple street environments guaranting brilliant light over time. High uniformity, maximum lighting control, no glare and reduction of lighting pollution.

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

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

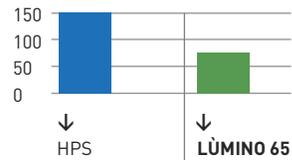
Dimensions | mm Weight | kg

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 and download the brochure "Intelligent lighting control system".

Please visit 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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