LUG®

Public Lighting

Through light,
we create
a sustainable
environment
for living
and development
for a better
tomorrow.





Discover LUG from a new perspective!

LUG Light Factory

We are a manufacturer of LED lighting for professional applications, with over 35 years of experience. Since 1989, we have gone beyond conventional approaches, delivering groundbreaking solutions in sustainable lighting. We operate in over 75 markets worldwide, carrying out the most demanding projects.

LUG is a lighting brand inspired by passion, ambition and entrepreneurial spirit.

We operate internationally, with regional offices located in six countries. We take a comprehensive approach to our solutions, from concept to finished product at our Administration, Production and Warehouse Centre in Zielona Góra and at our Research and Production Centre in Nowy Kisielin near Zielona Góra. Our third factory is located in Argentina. We specialise in infrastructure, industrial and architectural lighting for both indoor and outdoor applications. Our products illuminate roads, parks, factories, buildings, commercial spaces, architectural and sports facilities around the world.

Our story

‘Genius is one percent inspiration and ninety-nine percent perspiration.’
It is no coincidence that Thomas Edison’s words open this journey through time. The company was founded in 1989 in Zielona Góra, Poland by Czesław Wtorkowski and his son, Ryszard. In 1991, the first company-owned stores were opened, offering lamps, household appliances, and electrical equipment.

The year 2005 marked a turning point for LUG, as we shifted our focus towards developing and manufacturing our own solutions. In 2007, the company was listed on the NewConnect market of the Warsaw Stock Exchange, and the LUG S.A. Capital Group was established.

Investment in further development proved essential. The expansion of the plant to include a production line for LED components enabled us, on 8 August 2013, to independently manufacture our first LED module. In 2015, we launched the Research and Development Centre, which became the core of our technological innovation. In 2017, construction began on a new factory in Argentina.

For 35 years, LUG lighting solutions have delivered on their promise of safety and comfort. Our products are integrated into the urban landscape, tailored to individual needs, where energy efficiency and reliability define the highest standards. Only intelligent solutions can adapt to your requirements and grow with them.

We are a manufacturer of LED lighting with decades of expertise. Our extensive product portfolio includes over 6,000 luminaire versions. This wealth of knowledge and experience enables us to offer comprehensive solutions and services of the highest quality.

Alongside our wide range of professional lighting solutions, we provide expert advice from our team of lighting designers, architects, and technical consultants—supporting you at every stage, even on the most complex projects.

Strategy

We approach the subject of lighting with unbridled passion and a sense of technological expertise, but the essence of who we are stems primarily from our values and business principles, which are our foundation and guide for the future.

Trust, Innovation, Partnership, Responsibility, Sustainable Development – these values are embedded in our DNA and set new strategic goals. Together with our partners, we discover the full potential of light to offer the best possible products and services in an environmentally sustainable way – for people, animals and plants. Discover the new Strategic Perspective 2023-2026 for the LUG S.A. Capital Group. A future created by light.

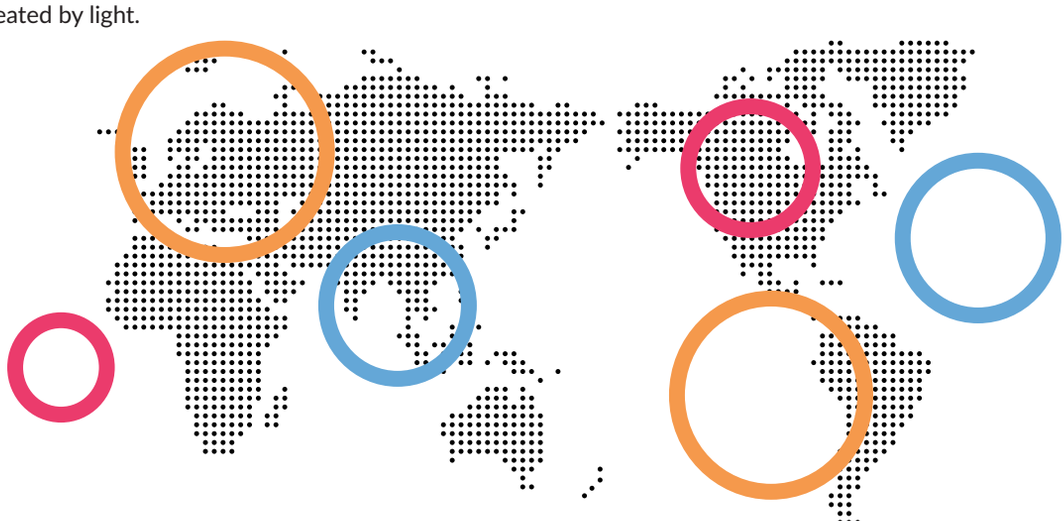
LUG specialists will help you choose the right LED luminaires and systems

We firmly believe that the success of any venture begins with a solid foundation, and we are here to provide you with not only excellent solutions, but also comprehensive support from start to finish. Our team of experienced specialists is ready to serve you with the utmost professionalism, helping you achieve your goals.

2023

S T R A T E G Y

LUG®



LUG COMMERCIAL PROJECT DEPARTMENT

- LIGHTING PROJECTS
- CONTROL SYSTEM PROJECTS
- PROJECT MANAGEMENT
- SIMPLE VISUALISATIONS
- PRICE QUOTATIONS

LUG LIGHTING CONSULTING

- BIM PROJECTS
- PROJECT MANAGEMENT
- CUSTOMISED PROJECTS
- ADVANCED VISUALISATIONS
- TRAINING FOR ARCHITECTS

LUG PUBLIC PROJECT DEPARTMENT

- TENDER DOCUMENTATION
- SYSTEM INTEGRATION
- LIGHTING PROJECTS
- PROJECT MANAGEMENT
- PRICE QUOTATIONS




Plan A
Plan B
Marketing Strategy

R&D

Modern Technologies and the Highest Quality

Over the years, LUG has developed a stable and effective framework for introducing new solutions through its New Product Development process. The rapid pace of global change demands the creation of advanced design procedures, tailored to evolving needs and surrounding conditions.

Discover how we make it happen. Explore some of the key elements involved in bringing a new product into our portfolio.






Xceed

Sustainable development

For years we have been developing our products based on the circular economy model. Our main goal is to reduce enviromental impactby organizing production process in the most sustainable manner possible. We promote closed-loop resource production, where both our mechanical and electronic components are suitable for reuse. Already in the design phase, our aim is to create durable products that are easy to service. The seletion of individual components focuses on close collaboration with suppliers to ensure highest quality materials, resulting in the durability of our solutions and, of course, a reduction of CO2 emission.

Many years of experience in product lifecycle – from the initial sketches, through the design and production processes, to delivery and eventual disposal – enables optimisation at every stage of the cycle and allows for monitoring of the product's lifespan.

We share our experience by conducting educational campaigns on the benefits of using energy-efficient lighting solutions and on the proper handling of discontinued products.

We test our luminaires to meet the most stringent requirements, which, with the use of our solutions, makes it easier for investors to obtain positive ratings and certifications for sustainable buildings, such as LEED (Leadership in Energy and Environmental Design) and BREEAM (Building Research Establishment Environmental Assessment Method).

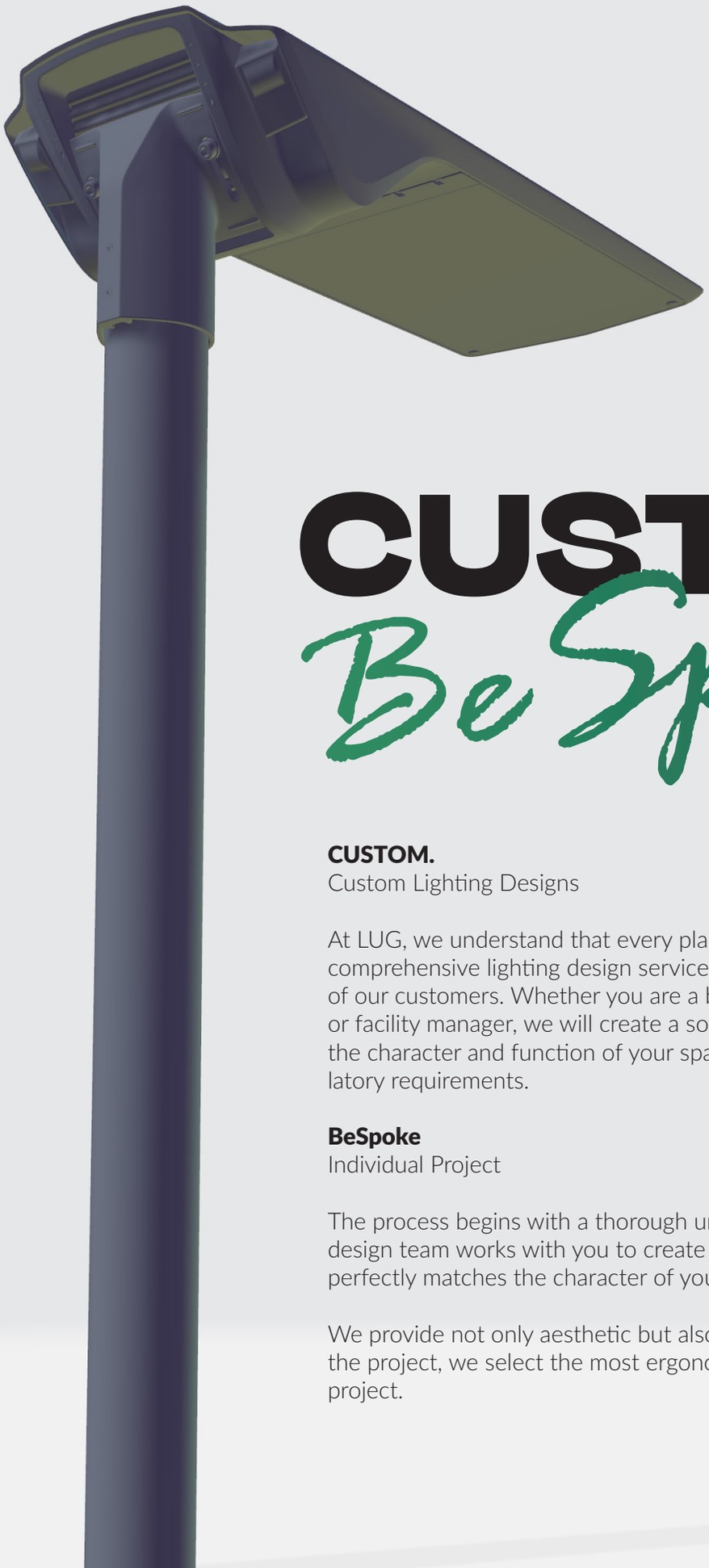
We know how to manufacture and deliver high-quality products with durability and parameters exceeding common standards:

- minimal dimensions
- above-average light output
- modularity within the family
- precise optical systems
- top-quality components
- optimised production processes

put us in the role of leaders in the lighting industry, which motivates us to continuously improve both our products and ourselves.







CUSTOM
BeSpoke

CUSTOM.
Custom Lighting Designs

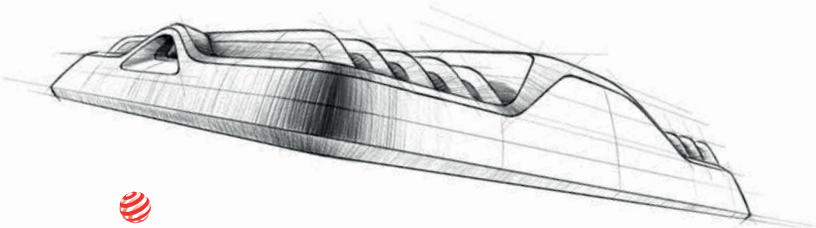
At LUG, we understand that every place is unique. That is why we offer comprehensive lighting design services tailored to the individual needs of our customers. Whether you are a business owner, interior designer or facility manager, we will create a solution that is perfectly suited to the character and function of your space, while complying with all regulatory requirements.

BeSpoke
Individual Project

The process begins with a thorough understanding of your vision. Our design team works with you to create a customised lighting design that perfectly matches the character of your space.

We provide not only aesthetic but also durable solutions. Depending on the project, we select the most ergonomic materials for use in a given project.

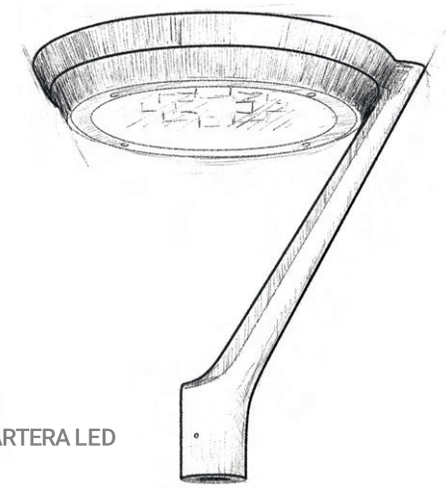
Good Design



reddot design award

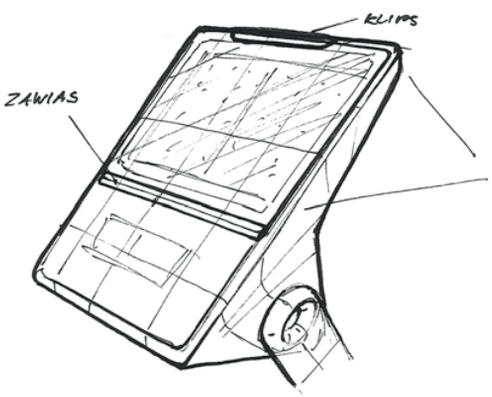
DESIGN AWARD 2017

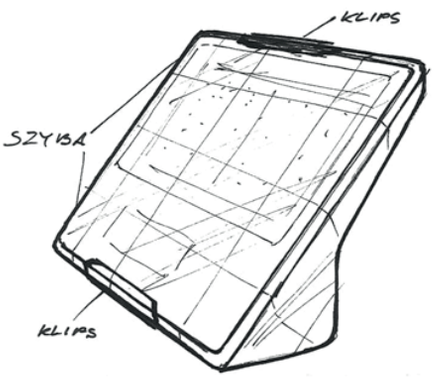
CRUISER 2 LED



DESIGN AWARD 2022

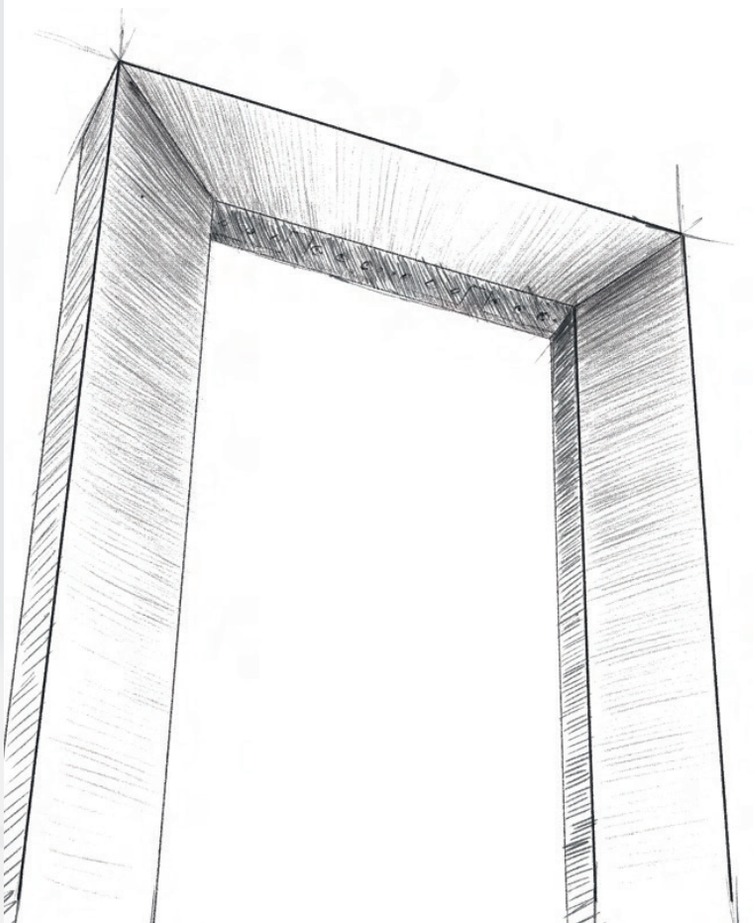
ARTERA LED

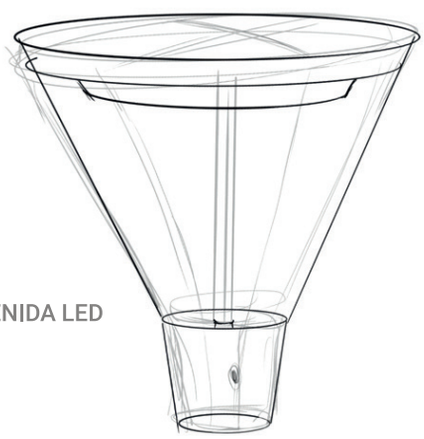




DESIGN AWARD 2016

POWERLUG 2 LED





DESIGN AWARD 2019

AVENIDA LED

DESIGN AWARD 2022

FRAME LED

Future-proof

When designing our luminaires, we look to the future. We offer Smart Ready solutions that can be retrofitted with controllers at any time and work with infrastructure management systems, adding to the Smart City vertical.

We think ahead, which is why the clever design of our luminaires will help you minimise the maintenance costs of your infrastructure.

Build a model investment in your city with future-proof luminaires from LUG!

The simplest path to a Smart City

- Convenience and safety during servicing
- Open nature (LMS)
- Prepared for future challenges
- Putting people first
- Minimising TCO
- Environmental responsibility

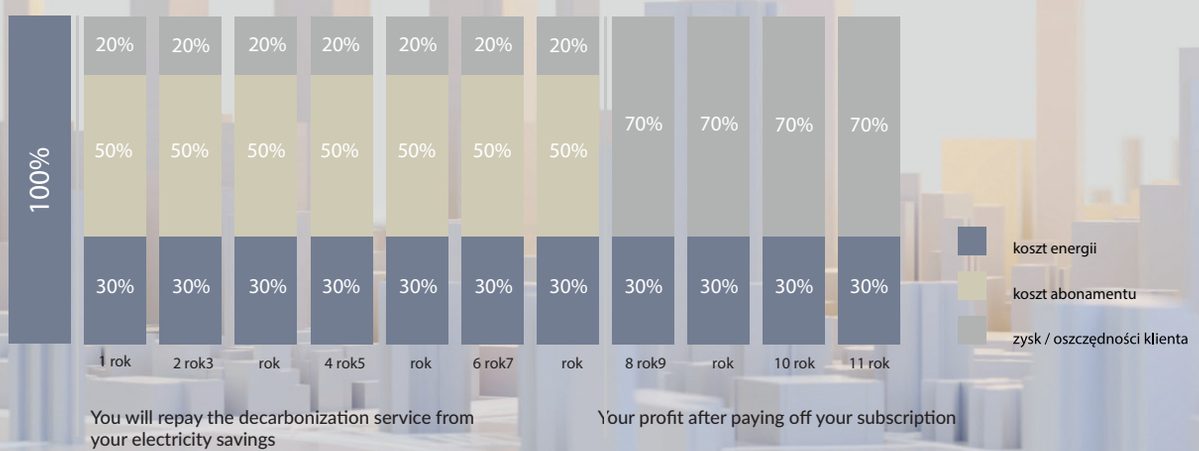


Unlock the city's capital

Cover the costs of your investment with convenient financing options. We will advise you on how to finance your modernisation using the LaaS (Lighting as a Service), ESCO (Energy Saving Company) or another model tailored to your needs and capabilities.

Protect yourself against high electricity prices and enjoy a quick return on your investment – it pays off!

Example return on investment



URBAN. Create a smart and friendly city

Cover the costs of your investment with convenient financing options. We will advise you on how to finance your modernisation using the LaaS (Lighting as a Service), ESCO (Energy Saving Company) or another model tailored to your needs and capabilities.

Legend



Installation on flammable surfaces



Mounting on a non-flammable surface



Limited surface temperature luminaire


Do not install in a flammable ceiling


Do not cover the thermal insulation material


Compliance with European Union standards



CNBOP-PIB



European safety certificate PLUS


European safety certificate


Product compliance with Russian standards



Compliance of production with Ukrainian standards



Water and dust resistance rating



Resistance to mechanical impact



Voltage


Protection class I


Protection class II



Protection class III



Emergency module



Luminaire power



Luminaire stream



Efficacy



Colour temperature

Ra/CRI



Beam angle



Dimensions


Luminaire colour



Weight



Safety classes


Emergency module


Luminous flux in emergency mode


Operating time in emergency mode



Operating temperature range



UGR



MD motion sensor


DIN 18032-3 Certification

ISO certificates.

At LUG, we focus on product quality and process efficiency.

For years, we have been relentless in our pursuit of perfection. This is reflected in the ISO certificates we hold, which are recognised by independent certification bodies. Over the years, we have successfully obtained: PN ISO 14001:2015 (environmental management system), 9001:2015 (quality management system); 50001:2018 (energy management system) and 45001:2018 (occupational health and safety management system) for our two LUG Light Factory plants located in Zielona Góra. Every year, we also undergo recertification audits, during which our activities in specific areas are thoroughly verified and analysed.

In addition to the above certificates, in 2018 we obtained the DIN ISO 17025:2018 certificate of conformity for our professional R&D laboratory in Nowy Kisielin, Zielona Góra, thus gaining recognition from TUV SUD Polska to perform photometric, thermal, leak, colorimetric and electrical tests.

We also set a good example for other companies in the LUG S.A. Capital Group, as evidenced by, among other things, the ISO 9001:2015 standard (quality management system) obtained by one of our companies, LUG Argentina SA, operating in Argentina.

ISO 45001:2018
Occupational Health and Safety Management System Certificate

ISO 14001:2015
Environmental Management System Certificate

ISO 9001:2015
Quality Management System Certificate

ISO 9001:2015
Quality Management System Certificate

ISO 17025:2018
Certificate of recognition for the laboratory to perform photometric, thermal, leak, colorimetric and electrical tests.

INFRASTRUCTURAL LIGHTING



SAVA L



SAVA C, L version



SAVA S, L version



SAVA M



SAVA C, M version



SAVA S, M version



URBINO S



URBINO IK10



URBINO



URBINO PLUS



URBANO



URBANO PLUS



ARTERA



ARTERA C



ARTERA S



ARTERA DOME



ARTERA DOME C



ARTERA
DOME S



CRUISER 2
tunnel version



TRAFFIK



TRAFFIK R



TRAFFIK BPO



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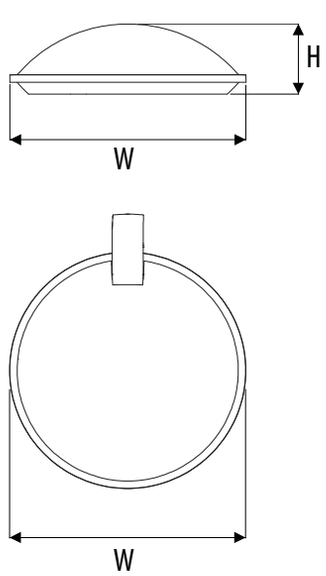
SAVA
L version

Application:

walkways, roads, municipal roads, city roads, residential roads, stations, area lighting, car parks, playgrounds, promenades, public areas

220-240V 50/60 Hz | LED | CE | ENEC | ENEC PLUS 30 | ZDi | IP 66 | IK 10

power	12 - 164 [W]
luminaire stream	1150 - 25000 [lm]
efficacy	96 - 190 [lm/W]
colour temperature	2200, 2700, 3000, 4000
ULOR/DLOR	0% / 100%
power supply	220-240V 50/60Hz
lifespan L90B10	100 000 h
body	high-pressure die-cast aluminium
colour	graphite
operating temperature	-40 ... +45 -40 ... +50 -40 ... +55



dimensions WxH	619x184
assembly	on a pole ø48-76mm on an arm ø48-76mm with handles (to be ordered separately)
net weight	12,6 [kg]



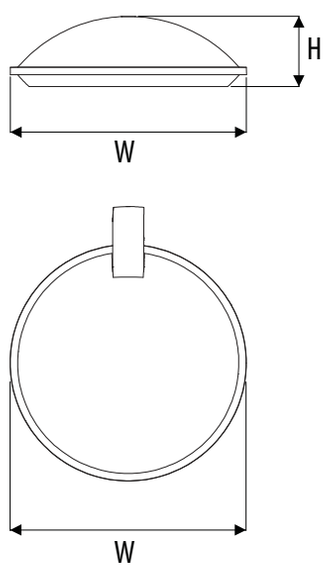
SAVA
M version

Application:

walkways, roads, municipal roads, city roads, residential roads, stations, area lighting, car parks, playgrounds, promenades, public areas

220-240V 50/60 Hz | LED | CE | PLUS 30 | IP 66 | IK 10

power	11 - 102 [W]
luminaire stream	1200 - 15600 [lm]
efficacy	99 - 169 [lm/W]
colour temperature	2200, 2700, 3000, 4000
ULOR/DLOR	0% / 100%
power supply	220-240V 50/60Hz
lifespan L90B10	100 000 h
body	high-pressure die-cast aluminium
colour	graphite
operating temperature	-40 ... +50 -40 ... +55



dimensions WxH	521x165
assembly	on a pole ø48-76mm on an arm ø48-76mm with handles (to be ordered separately)
net weight	9,4 [kg]



SAVA S

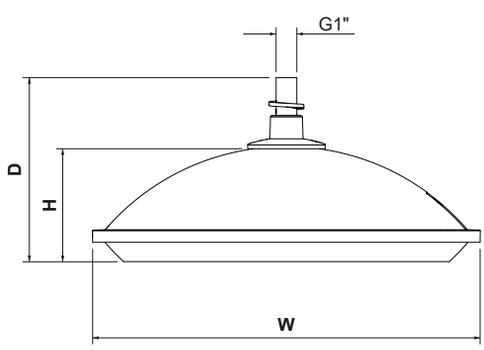
L version

Application:

walkways, roads, municipal roads, city roads, residential roads, stations, area lighting, car parks, playgrounds, promenades, public areas

220-240V 50/60 Hz | LED | CE | IP 66 | IK 10

power	12 - 164 [W]
luminaire stream	1150 - 25000 [lm]
efficacy	96 - 190 [lm/W]
colour temperature	2200, 2700, 3000, 4000
ULOR/DLOR	0% / 100%
power supply	220-240V 50/60Hz
lifespan L90B10	100 000 h
body	high-pressure die-cast aluminium
colour	graphite
operating temperature	-40 ... +45 -40 ... +50 -40 ... +55



dimensions WxH	619x184
assembly	on the boom using brackets (to be ordered separately)
net weight	13 [kg]



SAVA S

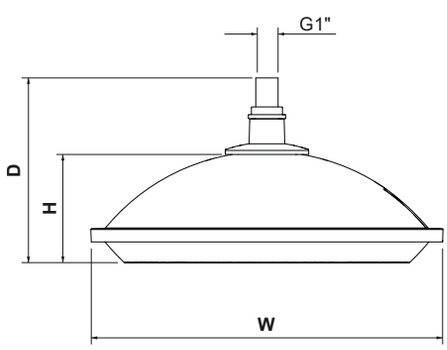
M version

Application:

walkways, roads, municipal roads, city roads, residential roads, stations, area lighting, car parks, playgrounds, promenades, public areas

220-240V 50/60 Hz | CE | IP 66 | IK 10

power	11 - 102 [W]
luminaire stream	1200 - 15600 [lm]
efficacy	99 - 169 [lm/W]
colour temperature	2200, 2700, 3000, 4000
ULOR/DLOR	0% / 100%
power supply	220-240V 50/60Hz
lifespan L90B10	100 000 h
body	high-pressure die-cast aluminium
colour	graphite
operating temperature	-40 ... +50 -40 ... +55



dimensions WxH	521x165
assembly	on the boom using brackets (to be ordered separately)
net weight	9,8 [kg]







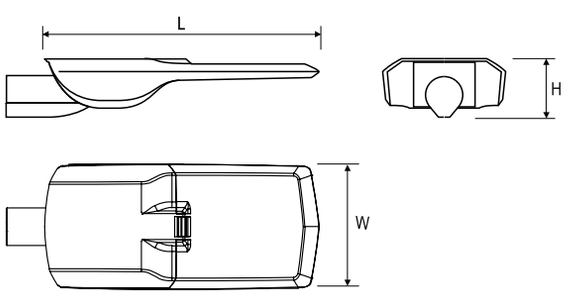
URBINO LED

Application:

walkways, expressways, municipal roads, city roads, residential roads, area lighting, car parks, promenades, pedestrian crossings, cycle paths, public areas

220-240V 50/60 Hz | LED | IP 66 | IK 09 | TR 054

power	23 - 157 [W]
luminaire stream	3000 - 24000 [lm]
efficacy	109 - 181 [lm/W]
colour temperature	3000, 4000, 5700
ULOR/DLOR	0% / 100%
power supply	220-240V 50/60Hz
lifespan L90B10	100 000 h
body	high-pressure die-cast aluminium
colour	gray
operating temperature	* max +35 * max +40 * max +50 -40 ... +50*** -40 ... +55



dimensions LxWxH	550x250x100
assembly	Call us for more information
net weight	6,8 - 7 [kg]



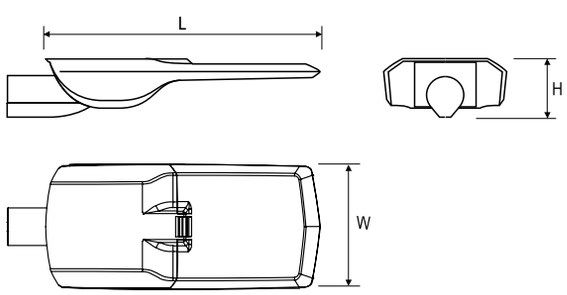
URBINO LED S

Application:

walkways, pavements, municipal roads, city roads, residential roads, railway stations, housing estates, parks, car parks, playgrounds, promenades, pedestrian crossings, public areas, cycle paths.

220-240V 50/60 Hz | LED | CE | PLUS 30 | TR 054 | IP 66 | IK 09

power	4.5 - 74 [W]
luminaire stream	400 - 11350 [lm]
efficacy	79 - 176 [lm/W]
colour temperature	2200, 2700, 3000, 4000
ULOR/DLOR	0% / 100%
power supply	220-240V 50/60Hz
lifespan L90B10	100 000 h
body	high-pressure die-cast aluminium
colour	gray
operating temperature	-40 ... +40, -40 ... +50, -40 ... +55



dimensions LxWxH	470x200x100
assembly	on a pole ø40-60mm, on an arm ø40-60mm
net weight	4.45 [kg]



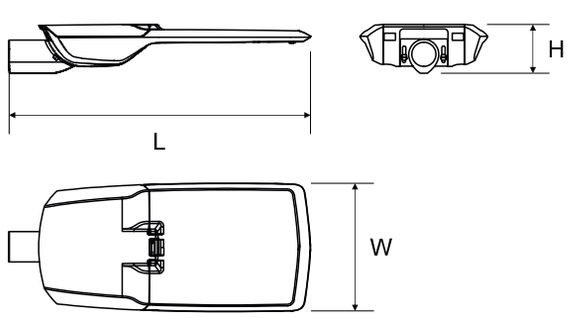
URBINO LED
PLUS version

Application:

walkways, expressways, municipal roads, city roads, residential roads, area lighting, car parks, promenades, pedestrian crossings, cycle paths, public areas

220-240V 50/60 Hz | LED | IP 66 | IK 09 | TR 054 | PLUS 30

power	101 - 205 [W]
luminaire stream	9750 - 30700 [lm]
efficacy	83 - 154 [lm/W]
colour temperature	2200, 2700, 3000, 4000
ULOR/DELOR	0% / 100%
power supply	220-240V 50/60Hz
lifespan L90B10	100 000 h
body	high-pressure die-cast aluminium
colour	graphite, gray
operating temperature	-40 ... +50



dimensions LxWxH	670x320x105
assembly	Call us for more information
net weight	10,3 [kg]



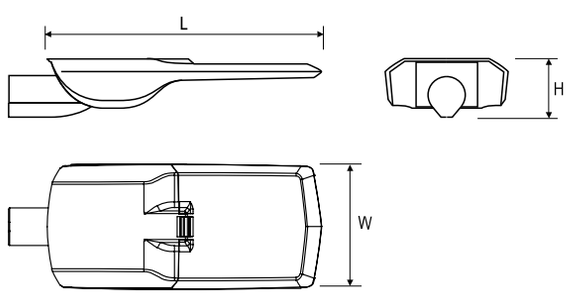
URBINO LED IK10

Application:

walkways, expressways, municipal roads, city roads, residential roads, area lighting, car parks, promenades, pedestrian crossings, cycle paths, public areas

220-240V 50/60 Hz | LED | CE | PLUS 30 | TR 054 | IP 66 | IK 10

power	27 - 102 [W]
luminaire stream	3050 - 16350 [lm]
efficacy	113 - 160 [lm/W]
colour temperature	3000, 4000
ULOR/DELOR	0% / 100%
power supply	220-240V 50/60Hz
lifespan L90B10	100 000 h
body	high-pressure die-cast aluminium
colour	gray
operating temperature	-40 ... +50



dimensions LxWxH	543x248x102
assembly	on a pole ø40-60mm on an arm ø40-60mm
net weight	6,1 [kg]