ENTELUX

2022/23

LIGHTING CATALOGUE

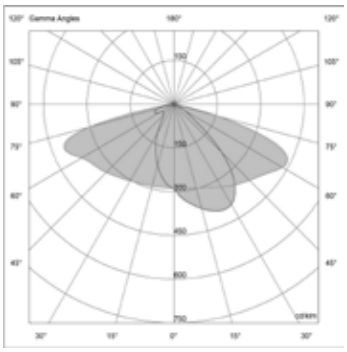
At the end of the 20th century, there was a breakthrough in thinking about environment and its connection with socio-economic development.
The idea of sustainable development, based on building a low-carbon economy, using natural resources in a rational and economical way and using environmentally friendly technologies and production methods, has become more popular.
Implementing these demands in reference to production processes as well as to the product life cycle including material recycling options, it forces producers to use materials, which are able to connect all these features together and at the same time take account of economic factors. Among such materials aluminum is one of the leaders, which over the last decades has become one of the most appreciated in almost every industry.
Aluminum due to its pro-ecological features, as well as technical values has been used as the main material for production of the ENTELUX lighting columns - being a byword for modernity, economy and sustainable development.
Elements made from appropriate quality aluminum alloys, are 100% eternally recyclable, without losing any properties and material quality. Including the ENTELUX anodized columns, made of high quality EN AW-6060 alloy, protected with a thin layer of aluminum oxide, can be directly recycled - without burdening the environment.

Optics for LED interchangeable module

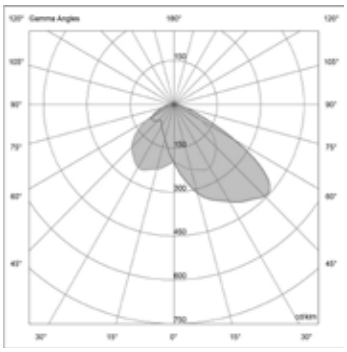
Optics controls where light distribution is directed, its proper selection ensures
sustainable energy consumption and reduces investment costs.

Light Distribution Curve
Optics for LED interchangeable module are determined using Light Distribution
Curve that is visual representation of the light diffused by a luminaire, which results
from construction of light source or luminaire shape. To specify the distribution,
light intensity measurements are made using light sources with a total
stream of 1000 lm, then a curve is created for the characteristic plane or planes
of the luminaire.
The graph gives light distribution in two planes:
• C0 - C180 plane perpendicular to the axis of luminaire.
• C90 - C270 vertical plane passing through longitudinal axis of luminaire.

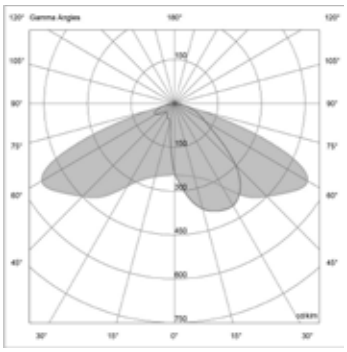
Street lighting
DW Optics
It is universal optic used in traffic with even combination of lighting parameters.



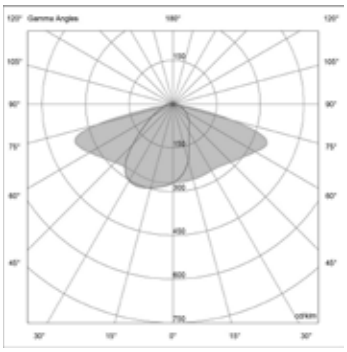
ME optics
It is recommended for wider roads, illuminate even three lanes with sidewalks
on both sides of the road with luminaires only on the one side of the road.



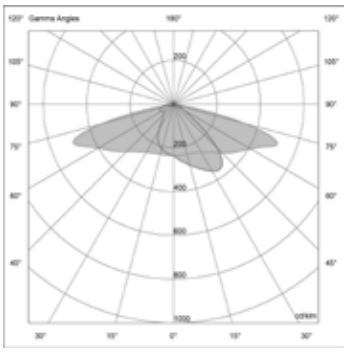
T2 optics
It is best to illuminate narrower roads with two lanes, as well as in the installation
of luminaires on the center lane which separating the roadway into a two - lane
configuration (road classes P and M).



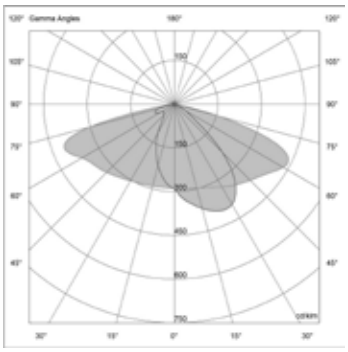
T3 optics
It allows for wider light distribution than the T2 optics, it works similarly in lighting
roads with two lanes and sidewalks.



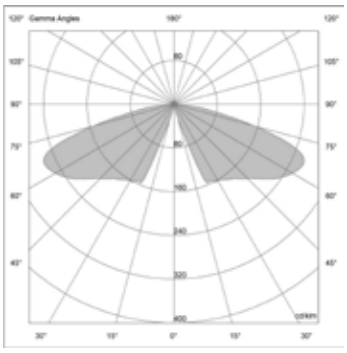
SP optics
It emits light very widely, so distance between the luminaires can be eight times
bigger than the height of the columns on which they are installed.



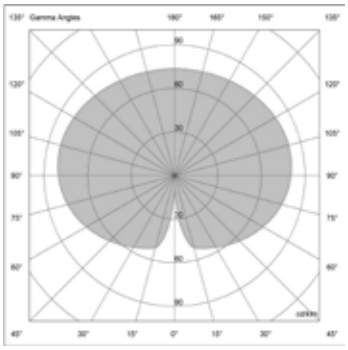
3L optics
Dedicated to bike path, has wide light distribu-tion.
Long distances from low columns.



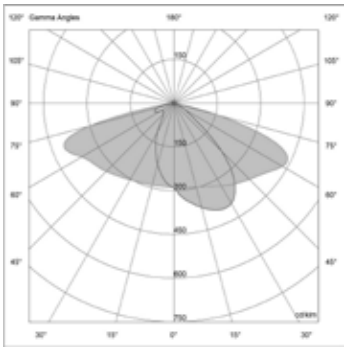
Park / Area Lighting
VS optics
It is characterized by uniformly asymmetrical light distribution around
the luminaire (square beam).



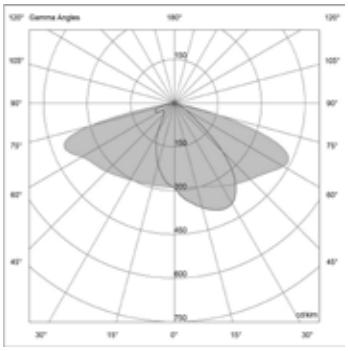
T4 optics
It is recommended for low-height luminaires lo-cated at small distance from each
other. It is characterized by light emission far forward.



Pedestrian crossings
To avoid discomfort glare for drivers in pedestrian crossing lighting is
recommended to use optics with an asymmetrical light distribution, respectively
right and left side traffic.



Important! The optics for left side traffic also works in the case of lighting
pedestrian crossings in the configuration for right side traffic when installing
columns on the refuge island.



Power driver

In LED luminaires we use highly efficient current and programmable constant,
drivers of Philips Xitanium and Osram 4DIM.These LED drivers offer high reliability
and flexibility due to a large number of programmable options, which can be
applied accordingly to customer requirements. A number of functions are available
at the user's disposal: adjustable output current, DALI interface, optional 1-10
V, programmable time profiles. Additionally, the driver has an option to monitor
temperature of LED modules, it will reduce luminaire power when it detects temperature
higher than recommended. This protects LEDs from overheating, and
hence from faster wear.

The driver is enclosed in a body with connectors that facilitates possible replacement
with simple tools only.

For the CUDDLE LED II luminaire, we created a special power driver body with
built-in Zhaga or Nema sockets, to which sensors for intelligent lighting control
can be connected.

LED driver parameters, used in selected street luminaries

Programmable time profiles guarantee increased LED lighting savings. Our clients
has a choice of up to five power levels, ranging from 10 to 100% of rated
power, at any luminaire operation time interval. Driver utilize selected time profile
– variable luminaire power level according to investor needs during operation
hours. This solution reduces luminaire overall power consumption, which translates
into economic savings.

External control system

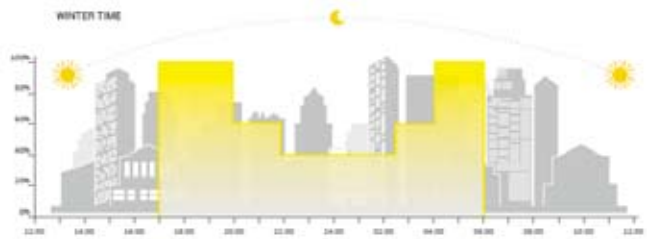
ENTELUX LED luminaires are equipped with DALI interface or 1-10V (as standard
or as an option, depending on lighting fixture type), which enables them to be
connected to an independent controller or a connected control system that limits
energy consumption.
Proper control of luminaires output power depending on f.ex. traffic on selected
stretch of road, can provide additional savings of 40-70%. The ability to join
luminaires to specific groups (f.ex. a group of pedestrian crossings or a group
of major city roads) facilitates simultaneous control of classified luminaires.
In addition, the lighting control system enables reporting of faults (f. ex. when
a luminaire stops working – it can signal an error via in-system notification,
e-mail or sms).

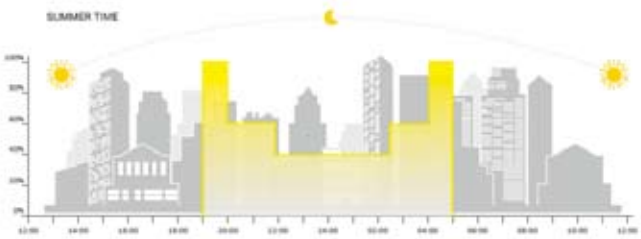
Advantages:

• reduces energy consumption and running costs,
• monitoring and remote control of urban lighting,
• real-time light intensity control,
• programming of switching times and power intensity of luminaires for selected
time of day, year.

Overvoltage protection

Outdoor lighting utilising LED technology is particularly prone to overvoltages
and surges in electrical network or from atmospheric events such as lightning.
All ENTELUX LED luminaires are equipped with 10 kV overvoltage protection, which
lowers the overvoltages to a safe level for the electronics used in the LED luminaires.
This protection significantly increases luminaire resistance to electrical





ENTELUX Designer
Available on the App Store

The electronic products' catalogue
ENTELUX DESIGNER is a complete range of products:
columns, extension arms, luminaires or whole
lighting sets. Wide range of products allows to
easily use the catalogue and selection of elements
so that the final effect not only meets the visual
but also technical expectations. Check all the
possibilities.

Complete panel
Composing the lighting set has never been so easy.
Effortless in use panel allows for quick and
accurate adjustment of the selected products.
Just a few clicks to connect all the necessary
elements and determine their colour from the
anodising colour palette.

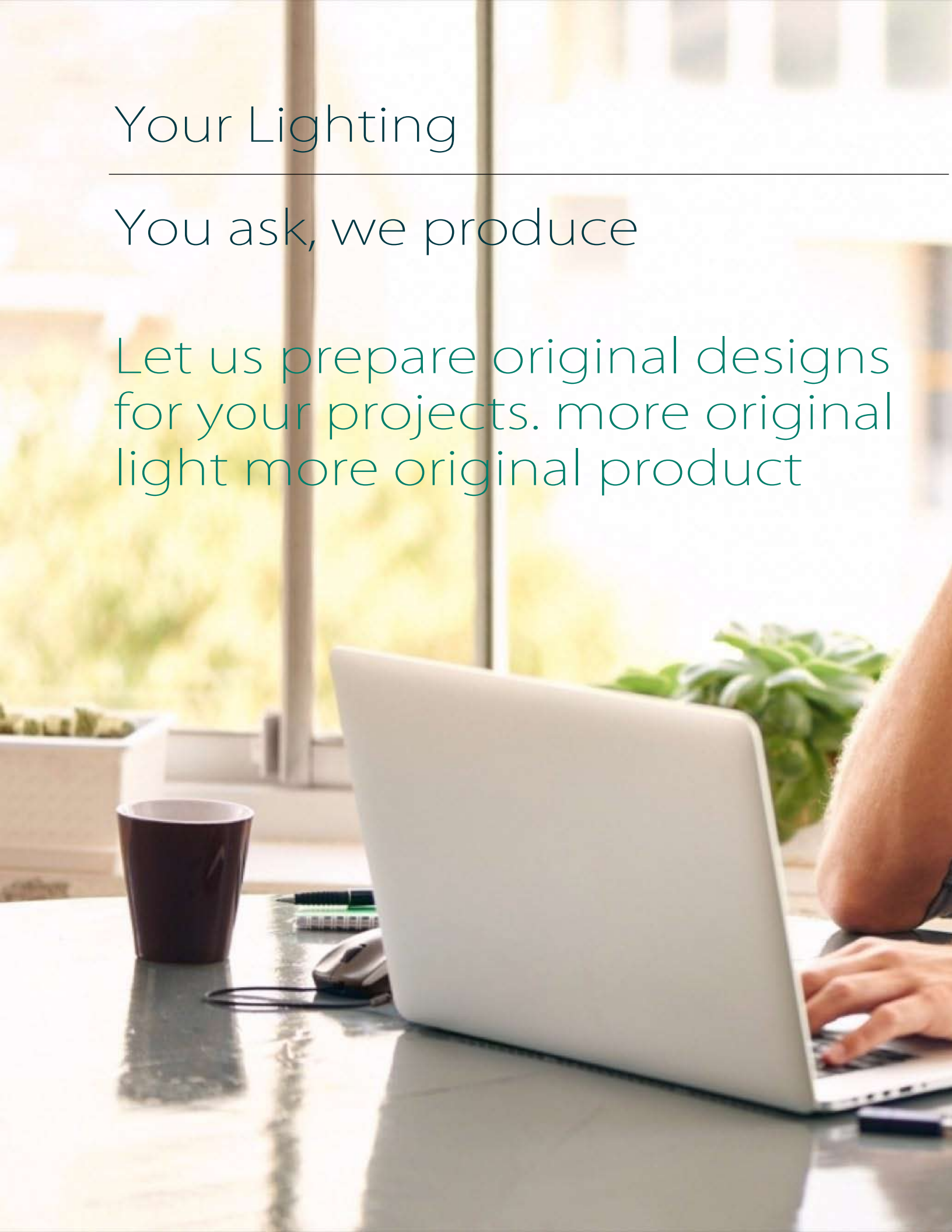
Spatial visualization
You do not need imagination – simply go to
the Visualizer to see how the composed
lighting set will be presented in a specific
location. Take a picture of the street or square
and place the selected lighting in it.
And everything is light up ...

Automatic inquiry generation
From the application level there are technical
drawings of individual products available.
Log in to be able to generate a product list.

Your Lighting

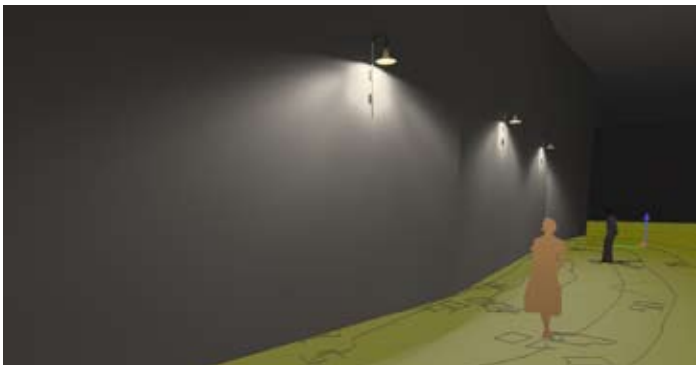
You ask, we produce

Let us prepare original designs for your projects. more original light more original product



Founded by Sinan İREN in 2022, ENTELUX is a Turkish company.
specializes in the design and manufacture of complete outdoor and indoor lighting sets. -also
at that time the company employed several people. Today it is a dynamic company.
lighting industry. In production facilities with a total area of 1 000 m^2,
The success of the company consists of many factors, but most importantly
are the people working in it. Tradition, experience, reliability, individual approach
to every customer supported by innovative, creative and ecological solutions.
Advantages recognized not only in T, but in almost sixty countries
On all continents where we export our products. Deciding to cooperate
Receives customer support, assistance and advice with ENTELUX
One of Turkey's best experts in the industry. Highly specialized engineering
our staff and our own know-how guarantee professional and efficient
fulfillment of even the most difficult tasks.

ENTELUX – and it's all (b)right now!
• we have been in the lighting industry for over 17 years,
• we offer complex commercial and engineering service,
• we specialize in the production of complete lighting sets,
• we offer a wide range of energy-saving LED luminaires,
• our products made of aluminium are available in 10 colours, each
• we make unusual and unique product solutions of columns, masts and
luminiares,
• we have copyright protected technological solutions,
• we offer added value as comfort, safety, quality and aesthetics,
• we illuminate and decorate the surroundings in which we live.



Eco revolution for the environment
ENTELUX products are aesthetic, easy to assemble and guarantee long-term product life. They are produced in a process that protects the natural environment and intended for use without harming the environment. In care for our surroundings, we take specific actions every day, which are our common investment in the future.
Energy efficiency
ENTELUX LED luminaires significantly reduce energy consumption, providing A ++ savings class, while LEDs are environmentally friendly because they do not emit UV rays or infrared radiation.
Aluminum ‚Green Metal'
Aluminium is the main material for production of ENTELUX columns. Effective aluminum recycling allows save up 95% of energy needed to produce a new material, without losing original value. In relation to environmental protection, this process allows 100% reduction of the amount of solid waste, several times reduction of CO_2 emissions to the atmosphere and minimize of water consumption to 97%. The pro-ecological choice of raw material is a wise decision which benefits not only current but also future generations.
Area of environmental Impact reduction [%]
Economical modernization
The surface of anodised aluminium ENTELUX products can be renewed even after a very long period of use, this operation does not require any special technological processes, that involve additional environmental pollution. Removing an anodic layer from the columns and the application of new ones take place during the same technological process. The anodic layer can be freely modified for both corrosion resistance and the column colour
Environment friendly
ENTELUX products are manufactured in environment friendly conditions and energy efficient plants. Fuel used to generate energy in our company is a natural gas whose burning is not harmful to the environment and its use contributes to active fight for healthier air. We also use generated off-heat in the aluminum anodizing process and in addition to heat and cool production rooms and halls, or heat tap

LED luminaires

ENTELUX LED luminaires feature an unique design, innovative LED light sources and
anodising technology. In our products we focus on quality, durability and aesthetics.
In the ENTELUX L ED offer you can find park luminaires designed for illuminating
urban areas (parks, traffic routes, plazas and squares); street luminaires dedicated
to highways, roads, avenues and industrial areas; floodlights used to illuminate
architectural elements, sports facilities, car parks and other outdoor areas; there
are also industrial luminaires available for high- and low-bay applications as well
as gas stations.

ENTELUX LED luminaires – real benefits:
• reduction of electricity consumption up to 75%
• lower operating and maintenance costs
• the option of applying power reduction
• reduction in number of used lighting points
• aesthetic and decorative appearance

Light sources
ENTELUX LED products are equipped with state of the art light sources, capable
of reaching luminous efficacy up to 136lm/W on luminaire level.

Light colour temperature, colour rendering index
ENTELUX LED luminaires are available as standard with four colour temperatures:
2700K, 3500 K, 4000 K or 5000 K.

Warm white
2 700 K (CCT) >80 (CRI)
3 500 K (CCT) >80 (CRI)

Neutral white
4 000 K (CCT) >70 (CRI)
5 000 K (CCT) >70 (CRI)

Warm white light colours of 2700K, 3500 K and neutral white light of 4000 K is
preferred in lighting of urban spaces and parks (marked with number “1”, “3 and
4” in the product code). While neutral white light colour of 5000 K, due to higher
luminous efficacy is commonly used in street lighting (marked with number “6”
in product code). Selecting one of these options depends only on the customer’s
preference. It is also possible to order luminaires with different colour temperature:
2200 K, 3000 K, 4500 K as a custom made variant.

Optics

ENTELUX LED luminaires use only optics made of PMMA (polymethyl methacrylate)
with increased temperature resistance. It is used both in lenses and lamp diffusers

Replaceable led module

Interchangeable module contains 12 LEDs. It is available with nine unique optical
systems. Module has a thermal protection sensor, increased resistance to electrical
discharges and IP66 ingress protection.

Assembly and disassembly of the module can be done using standard tools.

Luminaire construction

Housings of ENTELUX LED luminaires and lighting sets are made of profiles and
sheets of high-quality aluminum alloy* subjected to anodising process. They are
characterized by high thermal properties (conductivity >200 W/mK). Anodising
process protects luminaire body from corrosion and aggressive external factors
such as acid rain, sea water, UV radiation, salt, while giving it a decorative character.
In addition to aesthetics, it improves heat dissipation via thermal radiation,
maintaining low operating temperatures of LED is the key for its longevity.

Smart lighting as step towards Smart City

Smart City

Nowadays, the idea of a smart city equals idea of better life, aimed at improving
quality of joint capital, the environment and technology. Implementation of smart
solutions and digitization of cities is a process of modernizing urban infrastructure,
by which currently transformed res ources can be basis for future improvements
and innovations. Which will reduce costs and time necessary for further
investments or dealing with new challenges.

Smart Lighting

The concepts of large cities assume the introduction of solutions enabling
intelligent lighting control, which ENTELUX LED luminaires are equipped now.
Innovative programming of luminaires with LED light source allows to reduce
energy consumption, at the same time increase light efficiency, economically for
economy of constantly growing agglomerations. Modernization and investment
in smart luminaires is good step not only because of savings, the luminaires
equipped with appropriate system sensors create a number of new possibilities,
incl.:
- during night hours when power reduction is on, lamps can light up following
route of emergency vehicles like ambulances or fire trucks;
- power of light can be correlated with data of weather stations, reacting to changing
weather conditions e.g. increasing the power of light when weather is bad;
- when pedestrians cross street, luminaire can change power to brighter light
(underexposed pedestrian crossings);
- when bus is close to bus stop, streetlights around the bus stop can be
automatically set up brighter than those further away.

IoT solutions

The next stage towards the digitization of cities is the option of implementing
pioneering IoT solutions (Internet of Things). Modern lighting infrastructure due to
dense distribution is a great place to locate a huge network of receivers, that allow
to get all kinds of city data using sensors that collect data from the environment
and traffic recording cameras incl.:
search for free parking spaces or microphones that respond to specific sounds.
All this to make society work in a safer and more sustainable way.

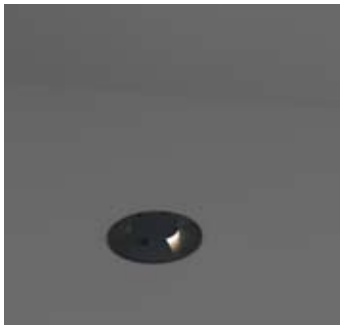
We make future now

Along with the global growth rate of electric vehicles and realizing EU requirements
for improving air quality, incl.: One of our products implementing SMART
technologies is Karin LED EV. It is the lighting column fully integrated with electric
vehicle charging station. Our company as a producer of the complete lighting set,
has ability to assemble and create the most innovative technologies today.

Zhaga (D4i) i Nema sockets

New is introduction of D4i sockets (according to Zhaga Book 18) and
NEMA – ANSI C136.41 sockets, that are used to connect lighting sensors
enabling wireless control of LED luminaires. Universal construction gives
possibility to installation of control interface and sensors of any producer
whose product will be compatible with current standards. The D4i socket
has 4 iInputs and the NEMA socket has 5-7 iInputs. Each luminaire is
equipped with socket cap.
Introduction of these normalization into ENTELUX products is compatible with
goals the Zhaga Consortium, whose demands regarding to standardization

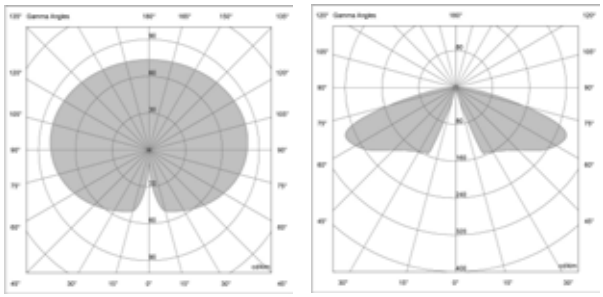
INDEX

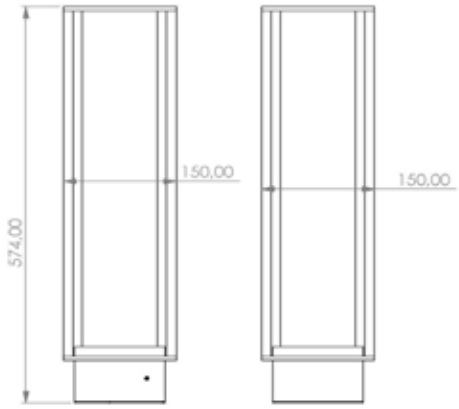


BOLLARD

ENTE B1026

Application: parks, pedestrian paths
Installation: floor mounting
Ingress protection: IP 65
Material: Aluminum
cover - laser cut
diffuser – pipe plexiglass
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95

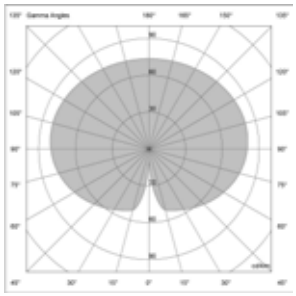


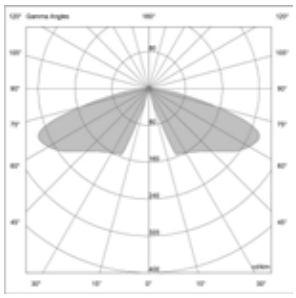


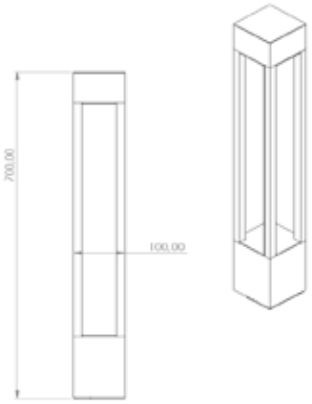
Code	Power		Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
B1026-01	8W	E27	3000 K	700 lm	-	2 kg
B1026-03	8W	E27	4000 K	800 lm	-	2 kg
B1026-04	8W	E27	4500 K	900 lm	-	2 kg
B1026-05	8W	E27	5000 K	1055 lm	-	2 kg

ENTE B1002

Application: parks, pedestrian paths
Installation: floor mounting
Ingress protection: IP 65
Material: Aluminum
cover - laser cut
diffuser – plexiglass
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95



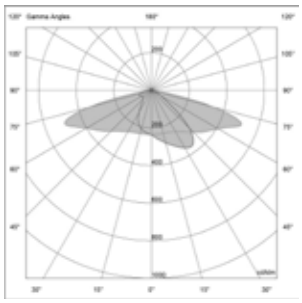


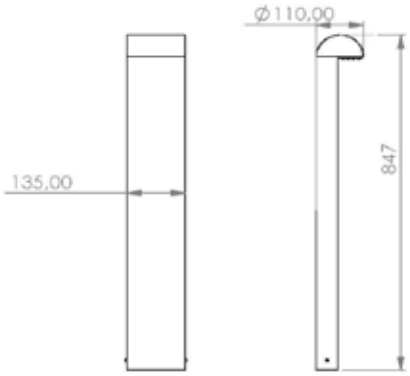


Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
B1002-01	8W	700mA	3000 K	700 lm	110lm/W	2 kg
B1002-03	8W	700mA	4000 K	800 lm	125lm/W	2 kg
B1002-04	8W	700mA	4500 K	900 lm	140lm/W	2 kg
B1002-05	8W	700mA	5000 K	1055 lm	140lm/W	2 kg

ENTE B1011

Application: parks, pedestrian paths
Installation: floor mounting
Ingress protection: IP 65
Material: Aluminum
cover - laser cut
diffuser – Polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95

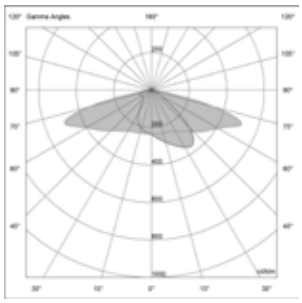


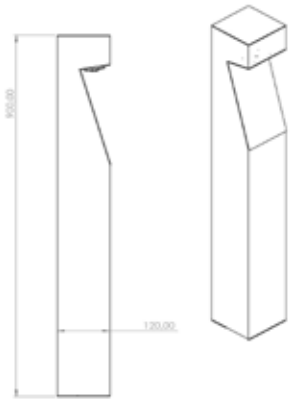


Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
B1011-01	8W	700mA	3000 K	700 lm	110lm/W	2 kg
B1011-03	8W	700mA	4000 K	800 lm	125lm/W	2 kg
B1011-04	8W	700mA	4500 K	900 lm	140lm/W	2 kg
B1011-05	8W	700mA	5000 K	1055 lm	140lm/W	2 kg

ENTE B1012

Application: parks, pedestrian paths
Installation: floor mounting
Ingress protection: IP 65
Material: Aluminum
cover - laser cut
diffuser – Polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95



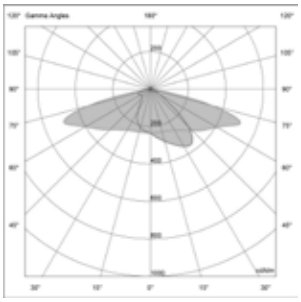


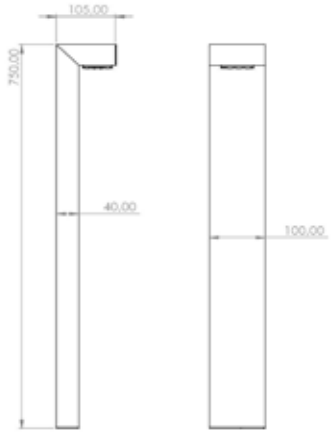
220-240V AC | -40 +40° | 10kV | DALI

Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
B1012-01	8W	700mA	3000 K	700 lm	110lm/W	3 kg
B1012-03	8W	700mA	4000 K	800 lm	125lm/W	3 kg
B1012-04	8W	700mA	4500 K	900 lm	140lm/W	3 kg
B1012-05	8W	700mA	5000 K	1055 lm	140lm/W	3 kg

ENTE B1013

Application: parks, pedestrian paths
Installation: floor mounting
Ingress protection: IP 65
Material: Aluminum
cover - laser cut
diffuser – Polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95

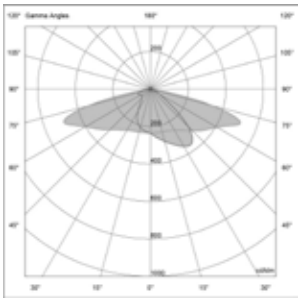


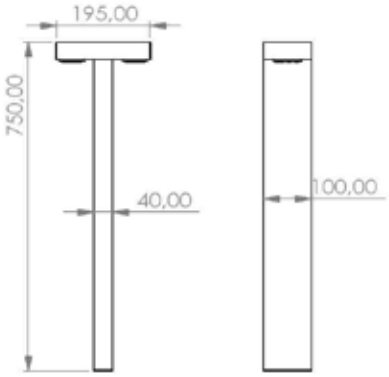


Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
B1013-01	8W	700mA	3000 K	700 lm	110lm/W	3 kg
B1013-03	8W	700mA	4000 K	800 lm	125lm/W	3 kg
B1013-04	8W	700mA	4500 K	900 lm	140lm/W	3 kg
B1013-05	8W	700mA	5000 K	1055 lm	140lm/W	3 kg

ENTE B1013T

Application: parks, pedestrian paths
Installation: floor mounting
Ingress protection: IP 65
Material: Aluminum
cover - laser cut
diffuser – Polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95



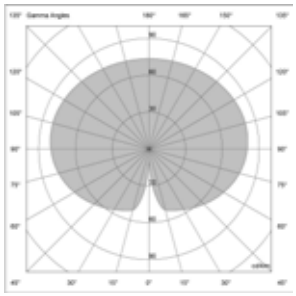


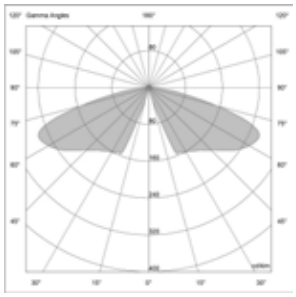
220-240V AC
-40° +40°
10kV
DALI

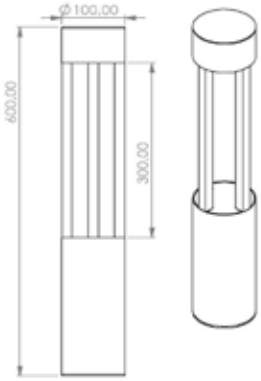
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
B1013T-01	2x8W	700mA	3000 K	700 lm	110lm/W	3 kg
B1013T-03	2x8W	700mA	4000 K	800 lm	125lm/W	3 kg
B1013T-04	2x8W	700mA	4500 K	900 lm	140lm/W	3 kg
B1013T-05	2x8W	700mA	5000 K	1055 lm	140lm/W	3 kg

ENTE B1017

Application: parks, pedestrian paths
Installation: floor mounting
Ingress protection: IP 65
Material: Aluminum
cover - laser cut
diffuser – Polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95



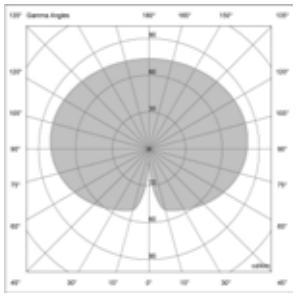


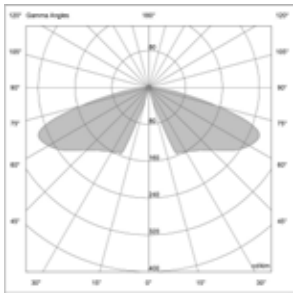


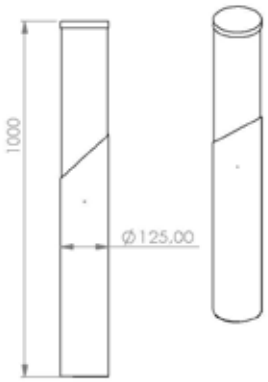
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
B1017-01	8W	700mA	3000 K	700 lm	110lm/W	3 kg
B1017-03	8W	700mA	4000 K	800 lm	125lm/W	3 kg
B1017-04	8W	700mA	4500 K	900 lm	140lm/W	3 kg
B1017-05	8W	700mA	5000 K	1055 lm	140lm/W	3 kg

ENTE B1019

Application: parks, pedestrian paths
Installation: floor mounting
Ingress protection: IP 65
Material: Aluminum
cover - laser cut
diffuser – pipe plexiglass
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95





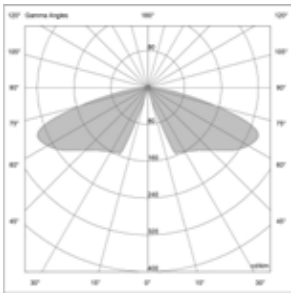


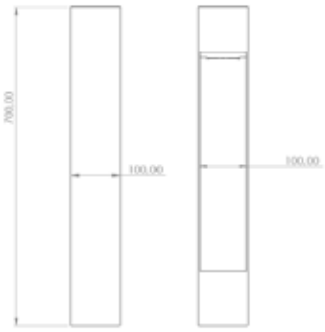
220-240V AC
-40 +40°
10kV
DALI

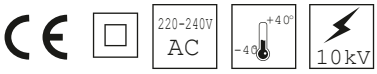
Code	Power		Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
B1019-01	8W	E27	3000 K	700 lm	-	2 kg
B1019-03	8W	E27	4000 K	800 lm	-	2 kg
B1019-04	8W	E27	4500 K	900 lm	-	2 kg
B1019-05	8W	E27	5000 K	1055 lm	-	2 kg

ENTE B1022

Application: parks, pedestrian paths
Installation: floor mounting
Ingress protection: IP 65
Material: Aluminum
cover - laser cut
diffuser – Polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95



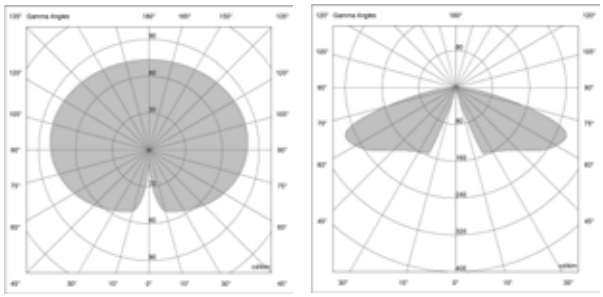


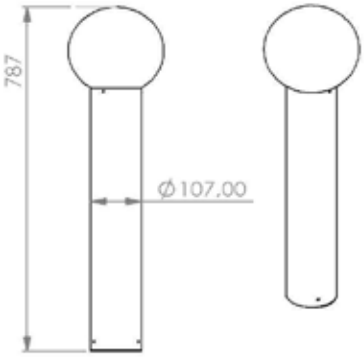


Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
B1022-01	8W	700mA	3000 K	700 lm	110lm/W	3 kg
B1022-03	8W	700mA	4000 K	800 lm	125lm/W	3 kg
B1022-04	8W	700mA	4500 K	900 lm	140lm/W	3 kg
B1022-05	8W	700mA	5000 K	1055 lm	140lm/W	3 kg

ENTE B1023

Application: parks, pedestrian paths
Installation: floor mounting
Ingress protection: IP 65
Material: Aluminum
cover - laser cut
diffuser – glop pmma
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95



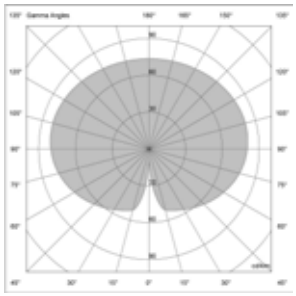


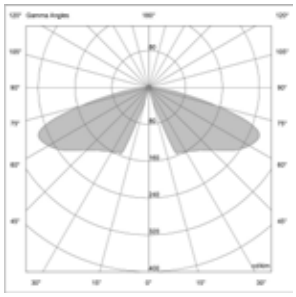
220-240V AC
-40 +40°
10kV
DALI

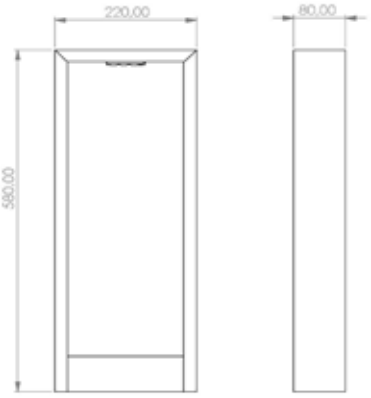
Code	Power		Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
B1023-01	8W	E27	3000 K	700 lm	-	2 kg
B1023-03	8W	E27	4000 K	800 lm	-	2 kg
B1023-04	8W	E27	4500 K	900 lm	-	2 kg
B1023-05	8W	E27	5000 K	1055 lm	-	2 kg

ENTE B1025

Application: parks, pedestrian paths
Installation: floor mounting
Ingress protection: IP 65
Material: Aluminum
cover - laser cut
diffuser – Polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95





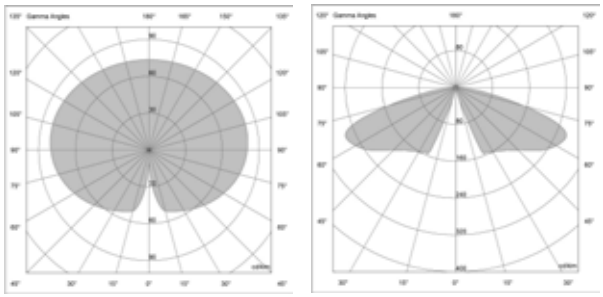


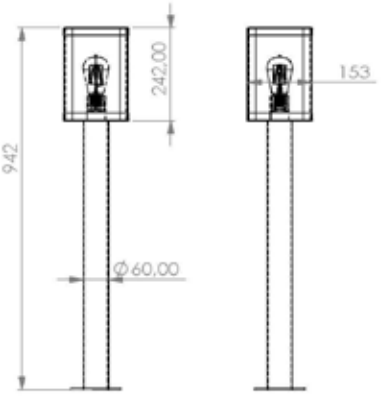
220-240V AC
+40°
-40
10kV
DALI

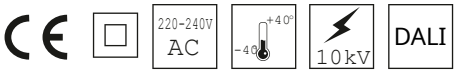
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
B1025-01	8W	700mA	3000 K	700 lm	110lm/W	3 kg
B1025-03	8W	700mA	4000 K	800 lm	125lm/W	3 kg
B1025-04	8W	700mA	4500 K	900 lm	140lm/W	3 kg
B1025-05	8W	700mA	5000 K	1055 lm	140lm/W	3 kg

ENTE B1027

Application: parks, pedestrian paths
Installation: floor mounting
Ingress protection: IP 65
Material: Aluminum
cover - laser cut
diffuser – Polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: □0.95





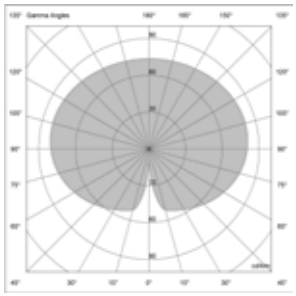


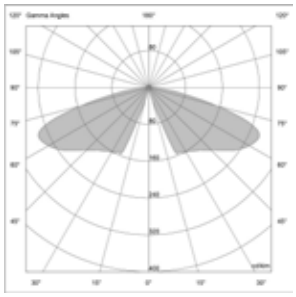
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
B1027-01	8W	700mA	3000 K	700 lm	110lm/W	3 kg
B1027-03	8W	700mA	4000 K	800 lm	125lm/W	3 kg
B1027-04	8W	700mA	4500 K	900 lm	140lm/W	3 kg
B1027-05	8W	700mA	5000 K	1055 lm	140lm/W	3 kg

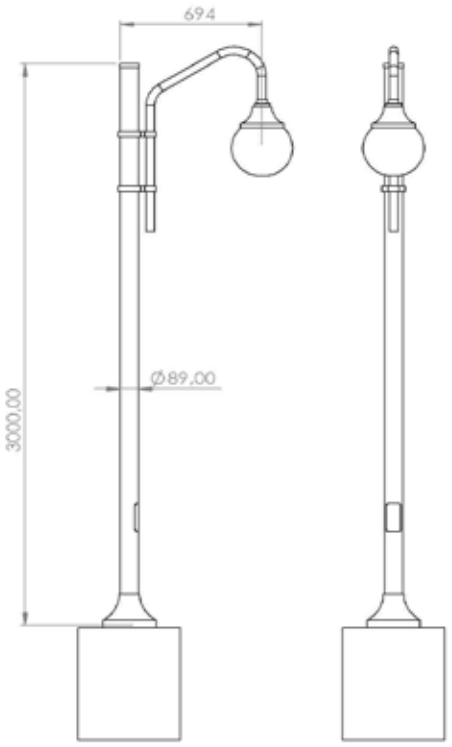
CLASSIC POLE

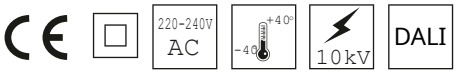
ENTE C3001

Application: parks, pedestrian paths, bike paths
Installation: pole mounted or on extension arms with ø60x50 mm ends
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – frosted cylindrical ø300 mm (PMMA)
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: □0.95
Control system via DALI interface (optionally via 1-10V analog signal).





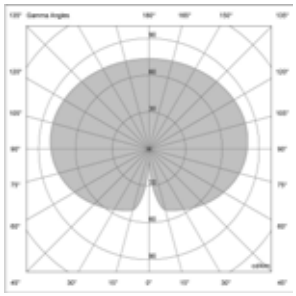


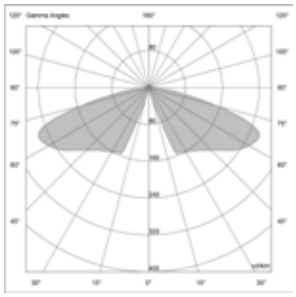


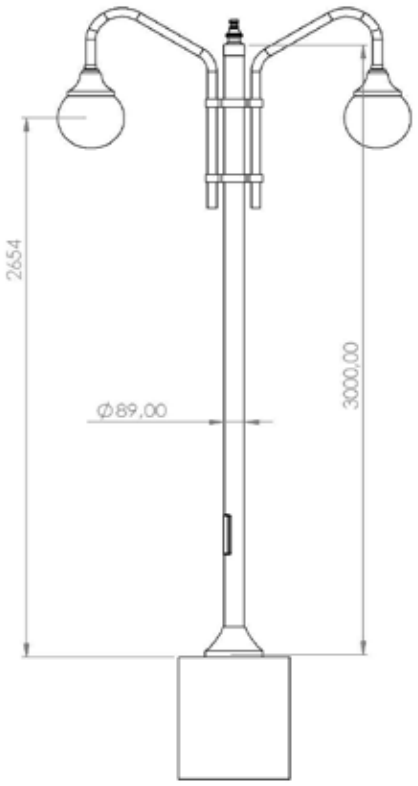
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
C3001-01	22W	700mA	3000 K	2450 lm	110lm/W	6 kg
C3001-02	22W	700mA	4000 K	2750 lm	125lm/W	6 kg
C3001-03	22W	700mA	4500 K	3080 lm	140lm/W	6 kg
C3001-04	22W	700mA	5000 K	3080 lm	140lm/W	6 kg
C3001-05	36W	1000mA	3000 K	3960 lm	110lm/W	6 kg
C3001-06	36W	1000mA	4000 K	4500 lm	125lm/W	6 kg
C3001-07	36W	1000mA	4500 K	5040 lm	140lm/W	6 kg
C3001-08	36W	1000mA	5000 K	5040 lm	140lm/W	6 kg

ENTE C3001T

Application: parks, pedestrian paths, bike paths
Installation: pole mounted or on extension arms with ø60x50 mm ends
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – frosted cylindrical ø300 mm (PMMA)
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95
Control system via DALI interface (optionally via 1-10V analog signal).



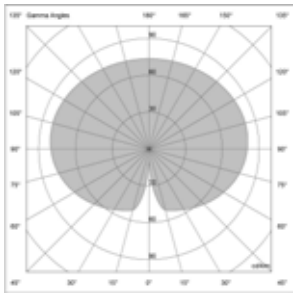


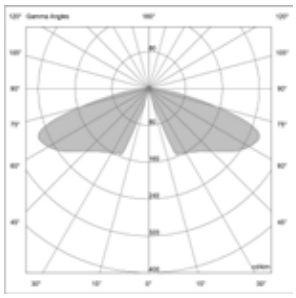


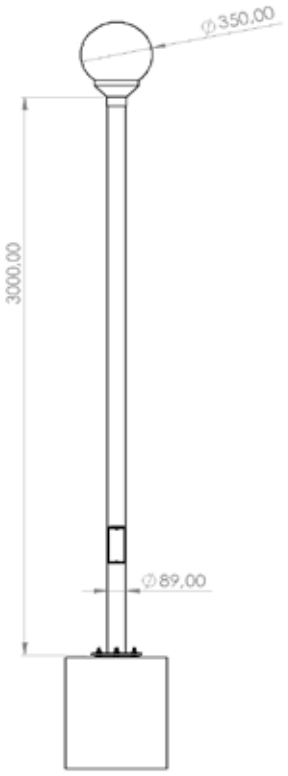
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
C3001T-01	2x22W	700mA	3000 K	2450 lm	110lm/W	6 kg
C3001T-02	2x22W	700mA	4000 K	2750 lm	125lm/W	6 kg
C3001T-03	2x22W	700mA	4500 K	3080 lm	140lm/W	6 kg
C3001T-04	2x22W	700mA	5000 K	3080 lm	140lm/W	6 kg
C3001T-05	2x36W	1000mA	3000 K	3960 lm	110lm/W	6 kg
C3001T-06	2x36W	1000mA	4000 K	4500 lm	125lm/W	6 kg
C3001T-07	2x36W	1000mA	4500 K	5040 lm	140lm/W	6 kg
C3001T-08	2x36W	1000mA	5000 K	5040 lm	140lm/W	6 kg

ENTE C3002

Application: parks, pedestrian paths, bike paths
Installation: pole mounted or on extension arms with ø60x50 mm ends
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – frosted cylindrical ø300 mm (PMMA)
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: □0.95
Control system via DALI interface (optionally via 1-10V analog signal).



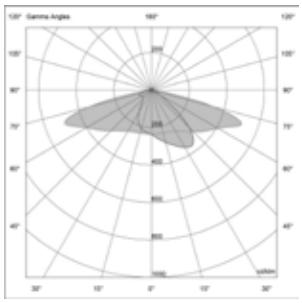


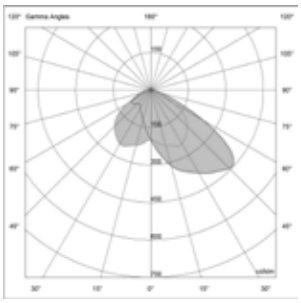


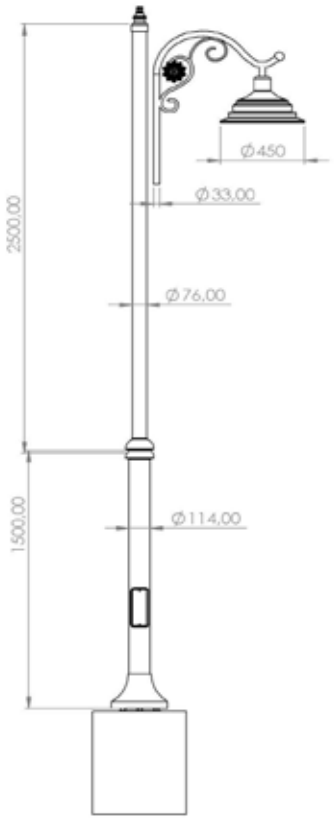
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
C3002-01	2x22W	700mA	3000 K	2450 lm	110lm/W	6 kg
C3002-02	2x22W	700mA	4000 K	2750 lm	125lm/W	6 kg
C3002-03	2x22W	700mA	4500 K	3080 lm	140lm/W	6 kg
C3002-04	2x22W	700mA	5000 K	3080 lm	140lm/W	6 kg
C3002-05	3x36W	1000mA	3000 K	3960 lm	110lm/W	6 kg
C3002-06	3x36W	1000mA	4000 K	4500 lm	125lm/W	6 kg
C3002-07	3x36W	1000mA	4500 K	5040 lm	140lm/W	6 kg
C3002-08	3x36W	1000mA	5000 K	5040 lm	140lm/W	6 kg

ENTE C3003

Application: parks, pedestrian paths, bike paths
Installation: pole mounted or on extension arms with ø60x50 mm ends
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: □0.95
Control system via DALI interface (optionally via 1-10V analog signal).





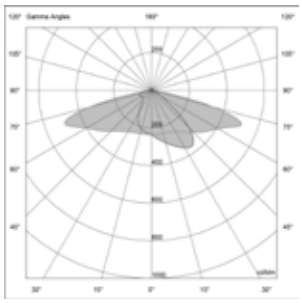


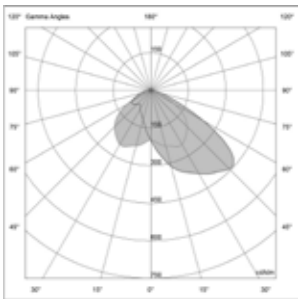
220-240V AC
-40 +40°
10kV
DALI

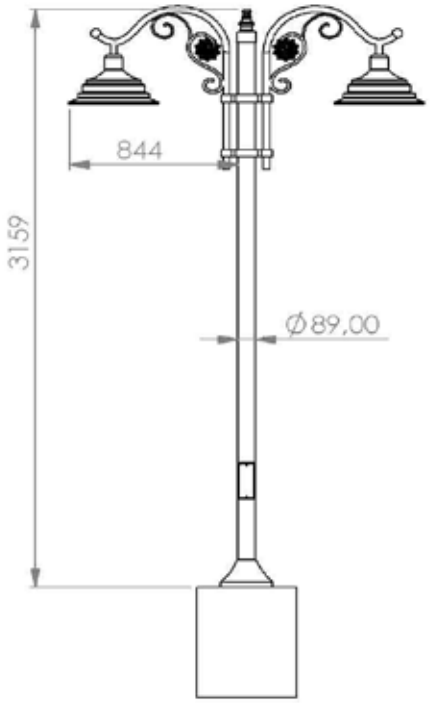
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
C3003-01	22W	700mA	3000 K	2450 lm	110lm/W	7,5 kg
C3003-02	22W	700mA	4000 K	2750 lm	125lm/W	7,5 kg
C3003-03	22W	700mA	4500 K	3080 lm	140lm/W	7,5 kg
C3003-04	22W	700mA	5000 K	3080 lm	140lm/W	7,5 kg
C3003-05	36W	1000mA	3000 K	3960 lm	110lm/W	7,5 kg
C3003-06	36W	1000mA	4000 K	4500 lm	125lm/W	7,5 kg
C3003-07	36W	1000mA	4500 K	5040 lm	140lm/W	7,5 kg
C3003-08	36W	1000mA	5000 K	5040 lm	140lm/W	7,5 kg

ENTE C3003T

Application: parks, pedestrian paths, bike paths
Installation: pole mounted or on extension arms with ø60x50 mm ends
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95
Control system via DALI interface (optionally via 1-10V analog signal).





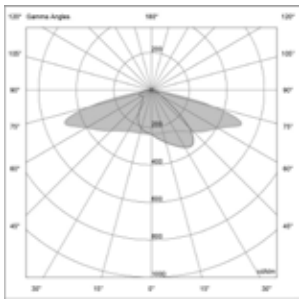


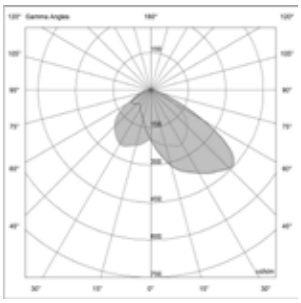
220-240V AC
-40 +40°
10kV
DALI

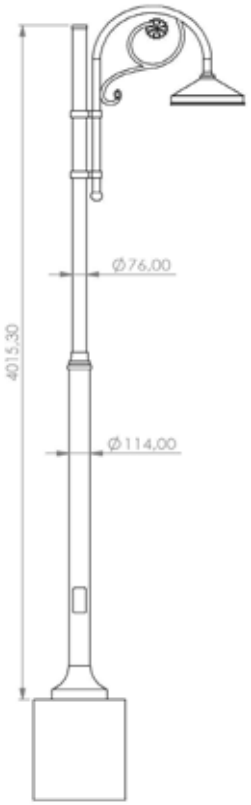
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
C3003T-01	2x22W	700mA	3000 K	2450 lm	110lm/W	7,5 kg
C3003T-02	2x22W	700mA	4000 K	2750 lm	125lm/W	7,5 kg
C3003T-03	2x22W	700mA	4500 K	3080 lm	140lm/W	7,5 kg
C3003T-04	2x22W	700mA	5000 K	3080 lm	140lm/W	7,5 kg
C3003T-05	2x36W	1000mA	3000 K	3960 lm	110lm/W	7,5 kg
C3003T-06	2x36W	1000mA	4000 K	4500 lm	125lm/W	7,5 kg
C3003T-07	2x36W	1000mA	4500 K	5040 lm	140lm/W	7,5 kg
C3003T-08	2x36W	1000mA	5000 K	5040 lm	140lm/W	7,5 kg

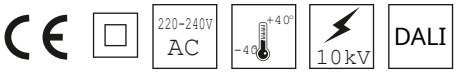
ENTE C3004

Application: parks, pedestrian paths, bike paths
Installation: pole mounted or on extension arms with ø60x50 mm ends
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: □0.95
Control system via DALI interface (optionally via 1-10V analog signal).





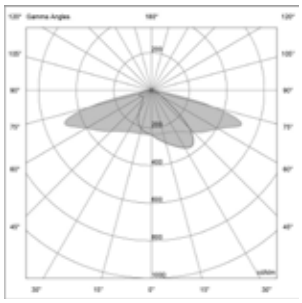


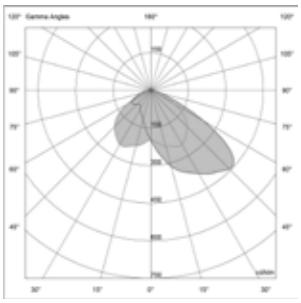


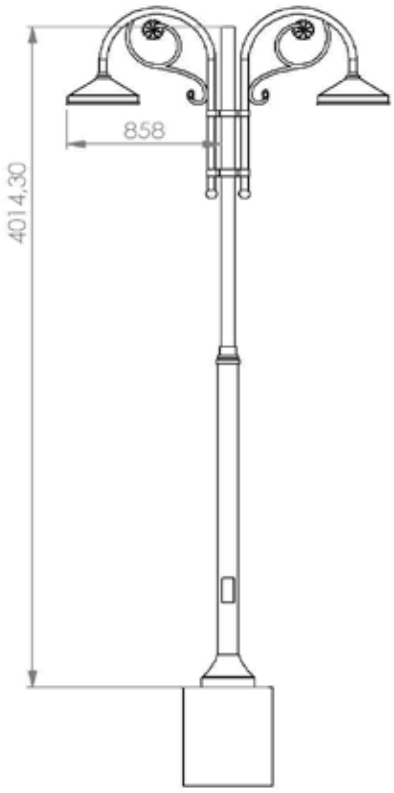
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
C3004-01	22W	700mA	3000 K	2450 lm	110lm/W	7,5 kg
C3004-02	22W	700mA	4000 K	2750 lm	125lm/W	7,5 kg
C3004-03	22W	700mA	4500 K	3080 lm	140lm/W	7,5 kg
C3004-04	22W	700mA	5000 K	3080 lm	140lm/W	7,5 kg
C3003-05	36W	1000mA	3000 K	3960 lm	110lm/W	7,5 kg
C3004-06	36W	1000mA	4000 K	4500 lm	125lm/W	7,5 kg
C3004-07	36W	1000mA	4500 K	5040 lm	140lm/W	7,5 kg
C3004-08	36W	1000mA	5000 K	5040 lm	140lm/W	7,5 kg

ENTE C3004T

Application: parks, pedestrian paths, bike paths
Installation: pole mounted or on extension arms with ø60x50 mm ends
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: □0.95
Control system via DALI interface (optionally via 1-10V analog signal).



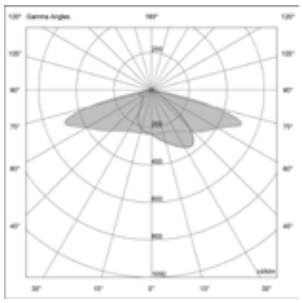


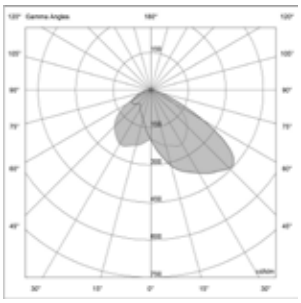


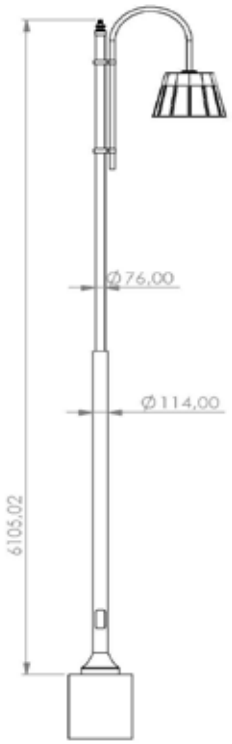
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
C3004T-01	2x22W	700mA	3000 K	2450 lm	110lm/W	7,5 kg
C3004T-02	2x22W	700mA	4000 K	2750 lm	125lm/W	7,5 kg
C3004T-03	2x22W	700mA	4500 K	3080 lm	140lm/W	7,5 kg
C3004T-04	2x22W	700mA	5000 K	3080 lm	140lm/W	7,5 kg
C3004T-05	2x36W	1000mA	3000 K	3960 lm	110lm/W	7,5 kg
C3004T-06	2x36W	1000mA	4000 K	4500 lm	125lm/W	7,5 kg
C3004T-07	2x36W	1000mA	4500 K	5040 lm	140lm/W	7,5 kg
C3004T-08	2x36W	1000mA	5000 K	5040 lm	140lm/W	7,5 kg

ENTE C3005

Application: parks, pedestrian paths, bike paths
Installation: pole mounted or on extension arms with ø60x50 mm ends
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: □0.95
Control system via DALI interface (optionally via 1-10V analog signal).





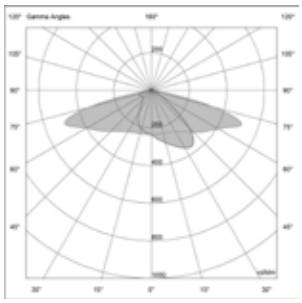


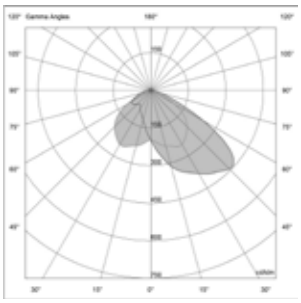
220-240V AC
-40 +40°
10kV
DALI

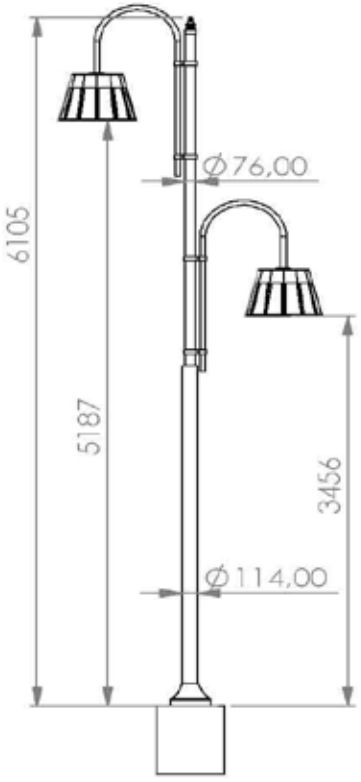
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
C3005-01	22W	700mA	3000 K	2450 lm	110lm/W	5,8 kg
C3005-02	22W	700mA	4000 K	2750 lm	125lm/W	5,8 kg
C3005-03	22W	700mA	4500 K	3080 lm	140lm/W	5,8 kg
C3005-04	22W	700mA	5000 K	3080 lm	140lm/W	5,8 kg
C3005-05	36W	1000mA	3000 K	3960 lm	110lm/W	5,8 kg
C3005-06	36W	1000mA	4000 K	4500 lm	125lm/W	5,8 kg
C3005-07	36W	1000mA	4500 K	5040 lm	140lm/W	5,8 kg
C3005-08	36W	1000mA	5000 K	5040 lm	140lm/W	5,8 kg

ENTE C3005T

Application: parks, pedestrian paths, bike paths
Installation: pole mounted or on extension arms with ø60x50 mm ends
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95
Control system via DALI interface (optionally via 1-10V analog signal).



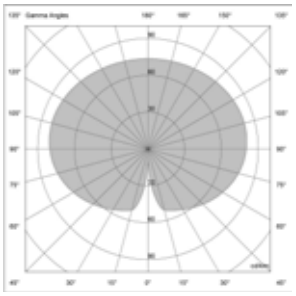


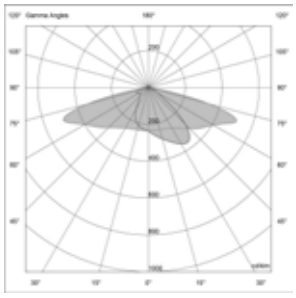


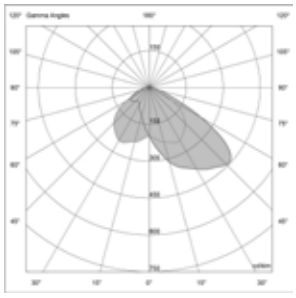
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
C3005T-01	2x22W	700mA	3000 K	2450 lm	110lm/W	5,8 kg
C3005T-02	2x22W	700mA	4000 K	2750 lm	125lm/W	5,8 kg
C3005T-03	2x22W	700mA	4500 K	3080 lm	140lm/W	5,8 kg
C3005T-04	2x22W	700mA	5000 K	3080 lm	140lm/W	5,8 kg
C3005T-05	2x36W	1000mA	3000 K	3960 lm	110lm/W	5,8 kg
C3005T-06	2x36W	1000mA	4000 K	4500 lm	125lm/W	5,8 kg
C3005T-07	2x36W	1000mA	4500 K	5040 lm	140lm/W	5,8 kg
C3005T-08	2x36W	1000mA	5000 K	5040 lm	140lm/W	5,8 kg

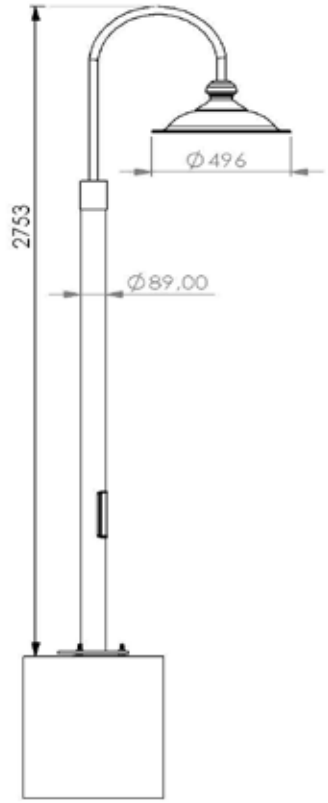
ENTE C3006

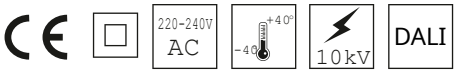
Application: parks, pedestrian paths, bike paths
Installation: pole mounted or on extension arms with ø60x50 mm ends
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: □0.95
Control system via DALI interface (optionally via 1-10V analog signal).







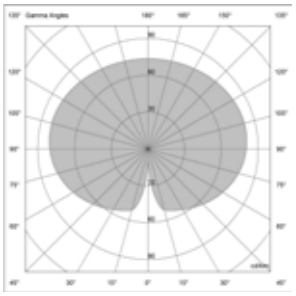


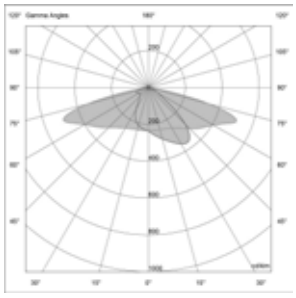


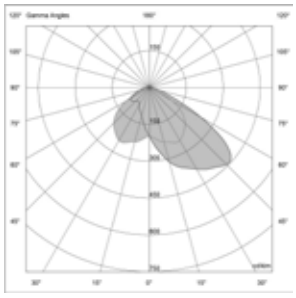
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
C3005-01	22W	700mA	3000 K	2450 lm	110lm/W	4,5 kg
C3005-02	22W	700mA	4000 K	2750 lm	125lm/W	4,5 kg
C3005-03	22W	700mA	4500 K	3080 lm	140lm/W	4,5 kg
C3005-04	22W	700mA	5000 K	3080 lm	140lm/W	4,5 kg
C3005-05	36W	1000mA	3000 K	3960 lm	110lm/W	4,5 kg
C3005-06	36W	1000mA	4000 K	4500 lm	125lm/W	4,5 kg
C3005-07	36W	1000mA	4500 K	5040 lm	140lm/W	4,5 kg
C3005-08	36W	1000mA	5000 K	5040 lm	140lm/W	4,5 kg

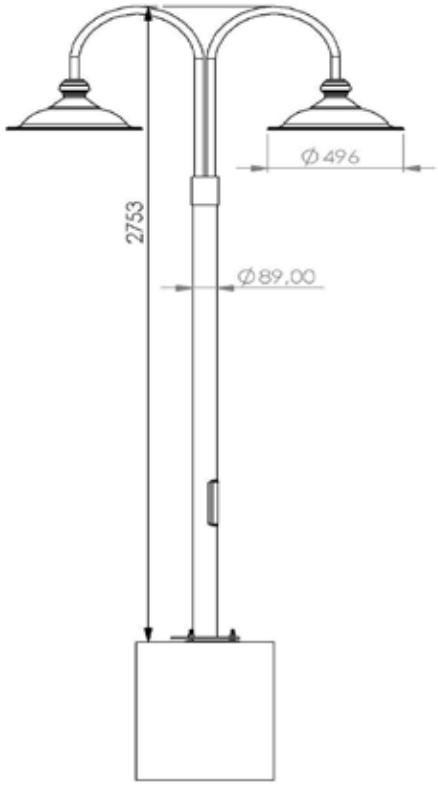
ENTE C3006T

Application: parks, pedestrian paths, bike paths
Installation: pole mounted or on extension arms with ø60x50 mm ends
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: □0.95
Control system via DALI interface (optionally via 1-10V analog signal).





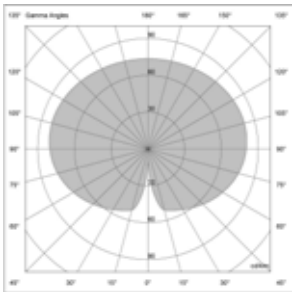


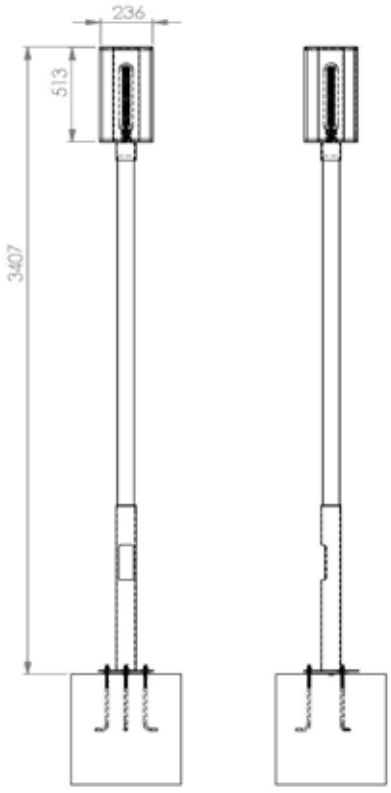


Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
C3005T-01	2x22W	700mA	3000 K	2450 lm	110lm/W	4,5 kg
C3005T-02	2x22W	700mA	4000 K	2750 lm	125lm/W	4,5 kg
C3005T-03	2x22W	700mA	4500 K	3080 lm	140lm/W	4,5 kg
C3005T-04	2x22W	700mA	5000 K	3080 lm	140lm/W	4,5 kg
C3005T-05	2x36W	1000mA	3000 K	3960 lm	110lm/W	4,5 kg
C3005T-06	2x36W	1000mA	4000 K	4500 lm	125lm/W	4,5 kg
C3005T-07	2x36W	1000mA	4500 K	5040 lm	140lm/W	4,5 kg
C3005T-08	2x36W	1000mA	5000 K	5040 lm	140lm/W	4,5 kg

ENTE C3008

Application: parks, pedestrian paths, bike paths
Installation: pole mounted or on extension arms with ø60x50 mm ends
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – pipe plexiglass
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: □0.95
Control system via DALI interface (optionally via 1-10V analog signal).



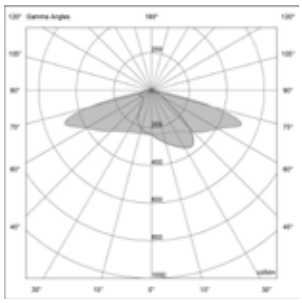


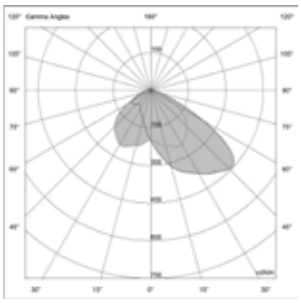
Code	Power		Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
C3008-01	8W	E27	3000 K	700 lm	-	3 kg
C3008-02	8W	E27	4000 K	800 lm	-	3 kg
C3008-03	8W	E27	4500 K	900 lm	-	3 kg
C3008-04	8W	E27	5000 K	1055 lm	-	3 kg

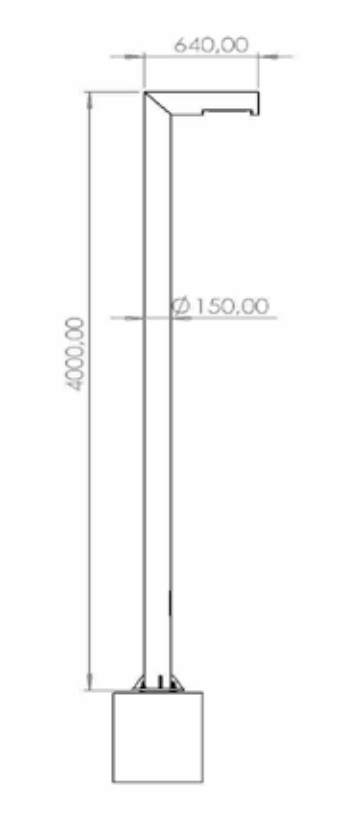
MODERN POLE

ENTE P4000

Application: parks, pedestrian paths, bike paths
Installation: pole mounted
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: □0.95
Control system via DALI interface (optionally via 1-10V analog signal).



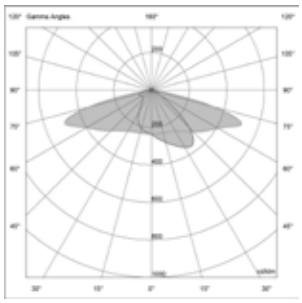


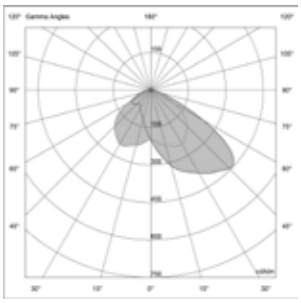


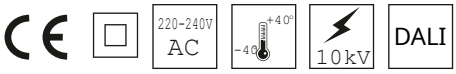
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
P4000-01	22W	700mA	3000 K	2450 lm	110lm/W	19 kg
P4000-02	22W	700mA	4000 K	2750 lm	125lm/W	19 kg
P4000-03	22W	700mA	4500 K	3080 lm	140lm/W	19 kg
P4000-04	22W	700mA	5000 K	3080 lm	140lm/W	19 kg
P4000-05	36W	1000mA	3000 K	3960 lm	110lm/W	19 kg
P4000-06	36W	1000mA	4000 K	4500 lm	125lm/W	19 kg
P4000-07	36W	1000mA	4500 K	5040 lm	140lm/W	19 kg
P4000-08	36W	1000mA	5000 K	5040 lm	140lm/W	19 kg

ENTE P4000T

Application: parks, pedestrian paths, bike paths
Installation: pole mounted
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95
Control system via DALI interface (optionally via 1-10V analog signal).



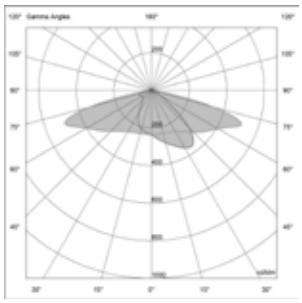


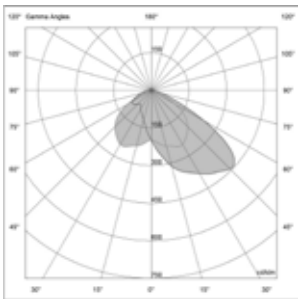


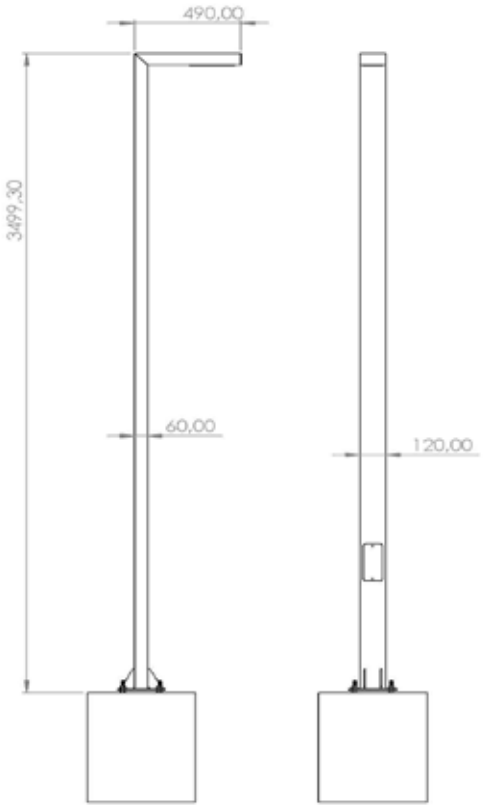
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
P4000T-01	2x22W	700mA	3000 K	2450 lm	110lm/W	19 kg
P4000T-02	2x22W	700mA	4000 K	2750 lm	125lm/W	19 kg
P4000T-03	2x22W	700mA	4500 K	3080 lm	140lm/W	19 kg
P4000T-04	2x22W	700mA	5000 K	3080 lm	140lm/W	19 kg
P4000T-05	2x36W	1000mA	3000 K	3960 lm	110lm/W	19 kg
P4000T-06	2x36W	1000mA	4000 K	4500 lm	125lm/W	19 kg
P4000T-07	2x36W	1000mA	4500 K	5040 lm	140lm/W	19 kg
P4000T-08	2x36W	1000mA	5000 K	5040 lm	140lm/W	19 kg

ENTE P4001

Application: parks, pedestrian paths, bike paths
Installation: pole mounted
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95
Control system via DALI interface (optionally via 1-10V analog signal).

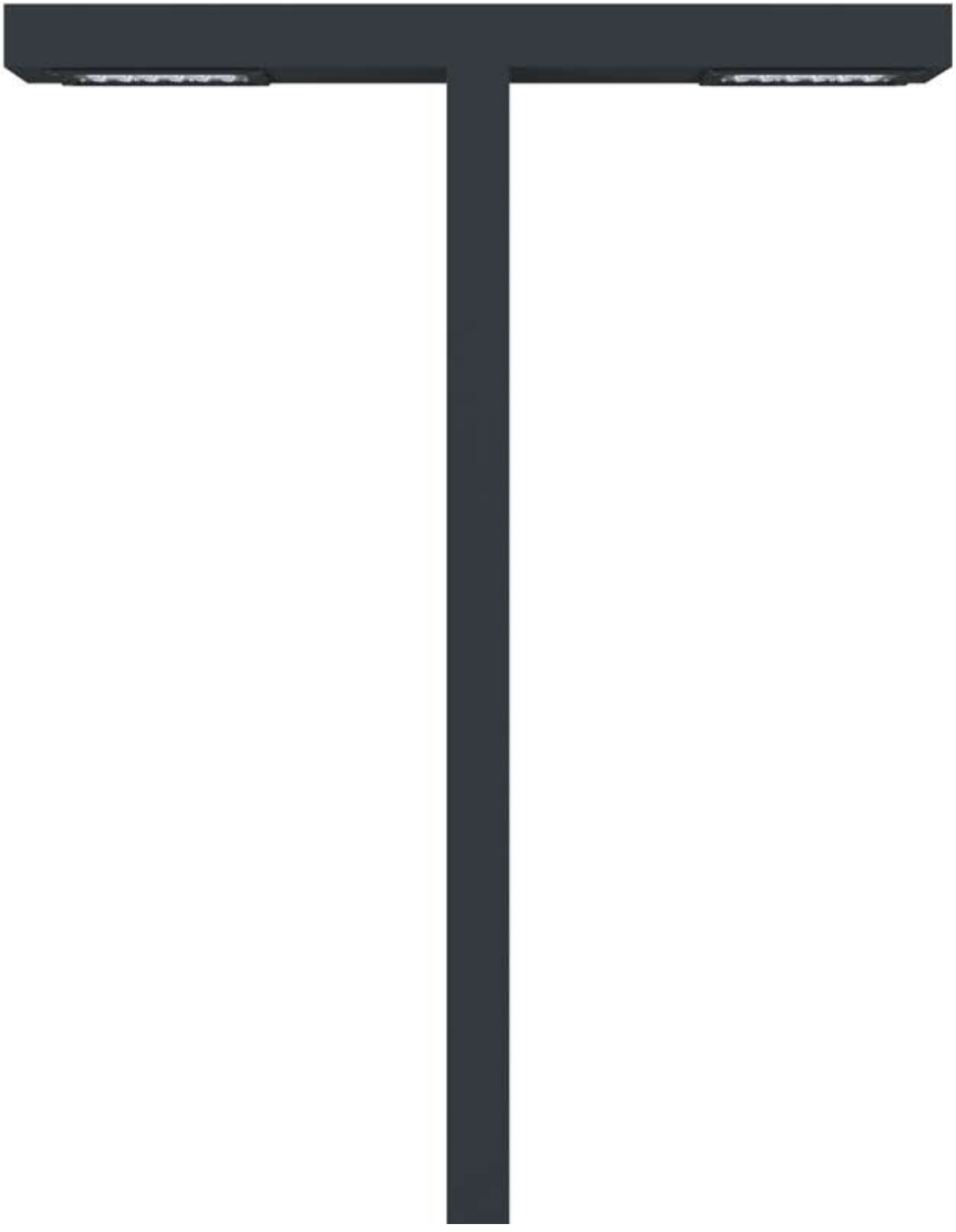




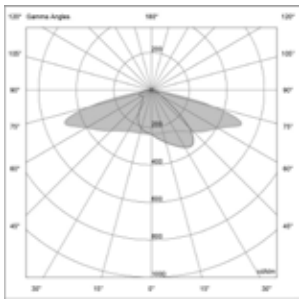


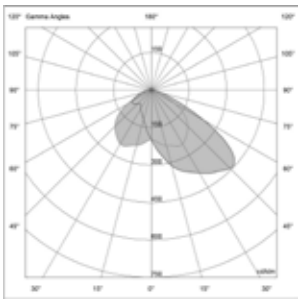
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
P4001-01	22W	700mA	3000 K	2450 lm	110lm/W	11,5 kg
P4001-02	22W	700mA	4000 K	2750 lm	125lm/W	11,5 kg
P4001-03	22W	700mA	4500 K	3080 lm	140lm/W	11,5 kg
P4001-04	22W	700mA	5000 K	3080 lm	140lm/W	11,5 kg
P4001-05	36W	1000mA	3000 K	3960 lm	110lm/W	11,5 kg
P4001-06	36W	1000mA	4000 K	4500 lm	125lm/W	11,5 kg
P4001-07	36W	1000mA	4500 K	5040 lm	140lm/W	11,5 kg
P4001-08	36W	1000mA	5000 K	5040 lm	140lm/W	11,5 kg

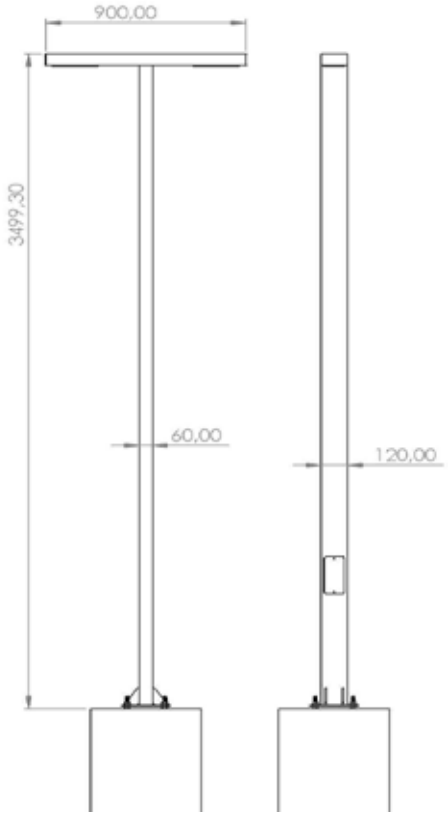
ENTE P4001T



Application: parks, pedestrian paths, bike paths
Installation: pole mounted
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95
Control system via DALI interface (optionally via 1-10V analog signal).



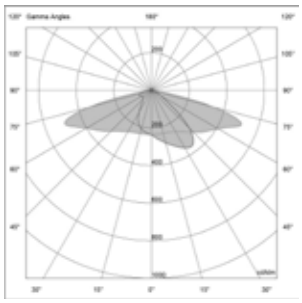


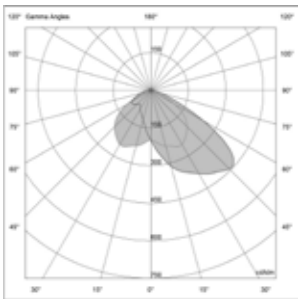


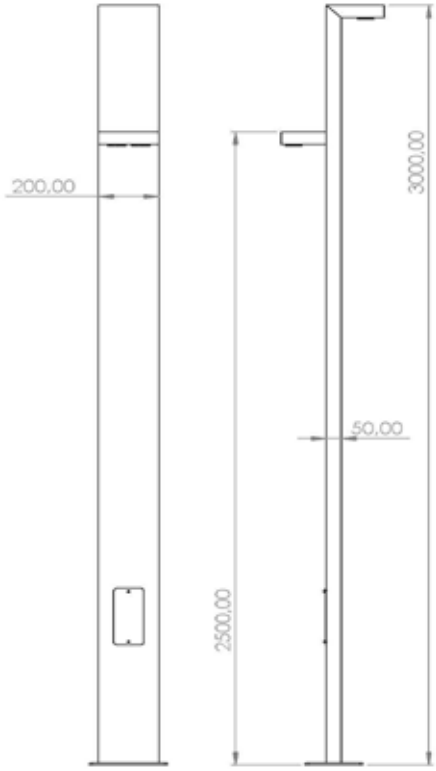
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
P4001T-01	2x22W	700mA	3000 K	2450 lm	110lm/W	11,5 kg
P4001T-02	2x22W	700mA	4000 K	2750 lm	125lm/W	11,5 kg
P4001T-03	2x22W	700mA	4500 K	3080 lm	140lm/W	11,5 kg
P4001T-04	2x22W	700mA	5000 K	3080 lm	140lm/W	11,5 kg
P4001T-05	2x36W	1000mA	3000 K	3960 lm	110lm/W	11,5 kg
P4001T-06	2x36W	1000mA	4000 K	4500 lm	125lm/W	11,5 kg
P4001T-07	2x36W	1000mA	4500 K	5040 lm	140lm/W	11,5 kg
P4001T-08	2x36W	1000mA	5000 K	5040 lm	140lm/W	11,5 kg

ENTE P4002

Application: parks, pedestrian paths, bike paths
Installation: pole mounted
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95
Control system via DALI interface (optionally via 1-10V analog signal).



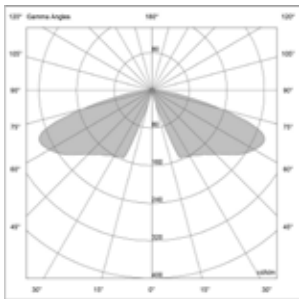


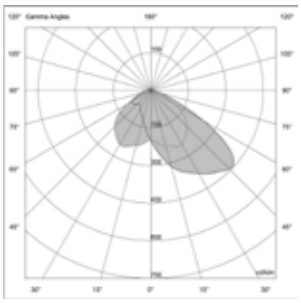


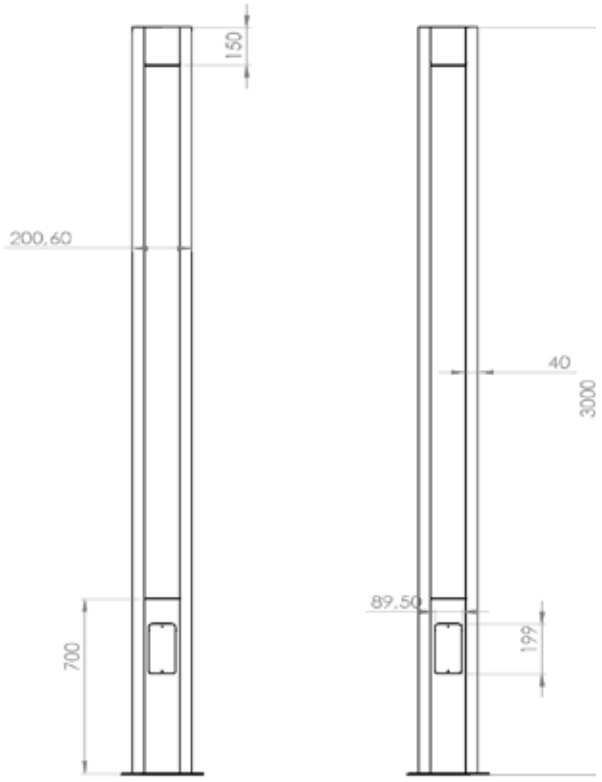
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
P4002-01	2x22W	700mA	3000 K	2450 lm	110lm/W	10,2 kg
P4002-02	2x22W	700mA	4000 K	2750 lm	125lm/W	10,2 kg
P4002-03	2x22W	700mA	4500 K	3080 lm	140lm/W	10,2 kg
P4002-04	2x22W	700mA	5000 K	3080 lm	140lm/W	10,2 kg
P4002-05	2x36W	1000mA	3000 K	3960 lm	110lm/W	10,2 kg
P4002-06	2x36W	1000mA	4000 K	4500 lm	125lm/W	10,2 kg
P4002-07	2x36W	1000mA	4500 K	5040 lm	140lm/W	10,2 kg
P4002-08	2x36W	1000mA	5000 K	5040 lm	140lm/W	10,2 kg

ENTE P4003

Application: parks, pedestrian paths, bike paths
Installation: pole mounted
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95
Control system via DALI interface (optionally via 1-10V analog signal).

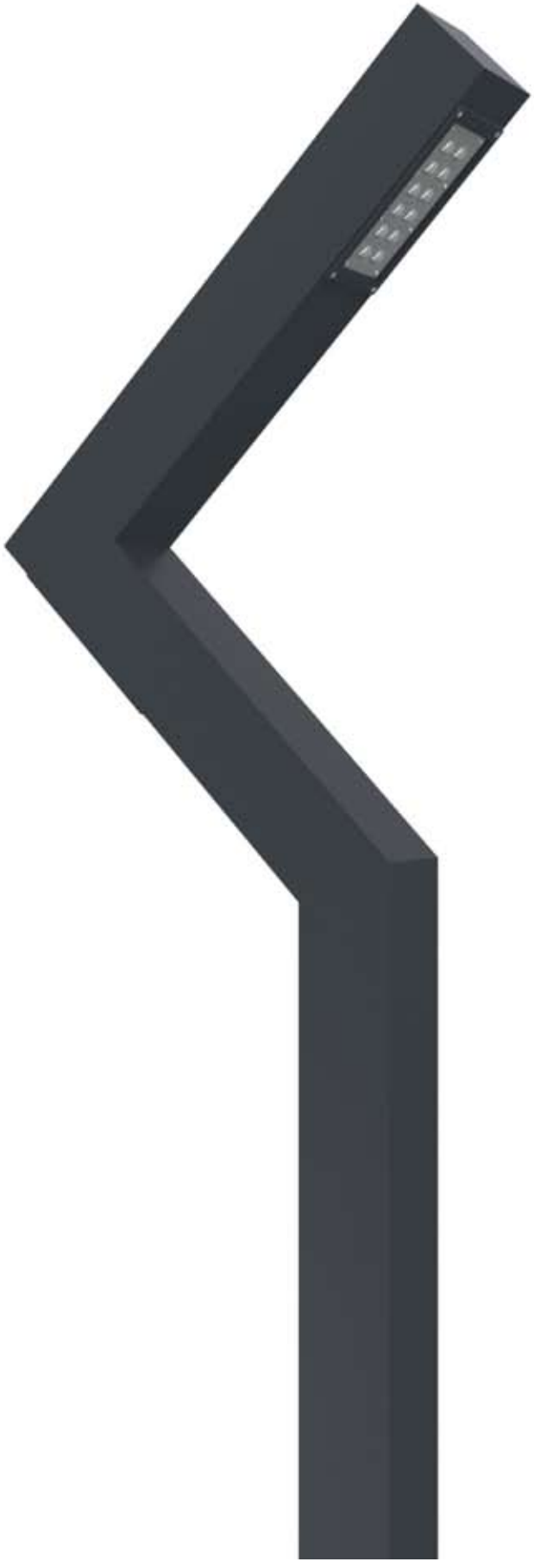




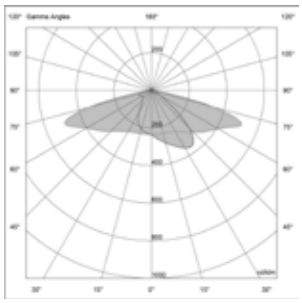


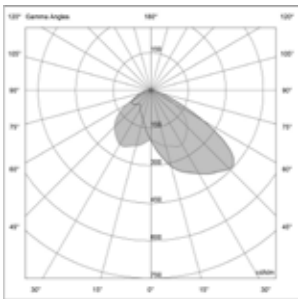
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
P4003-01	22W	700mA	3000 K	2450 lm	110lm/W	17,3 kg
P4003-02	22W	700mA	4000 K	2750 lm	125lm/W	17,3 kg
P4003-03	22W	700mA	4500 K	3080 lm	140lm/W	17,3 kg
P4003-04	22W	700mA	5000 K	3080 lm	140lm/W	17,3 kg
P4003-05	36W	1000mA	3000 K	3960 lm	110lm/W	17,3 kg
P4003-06	36W	1000mA	4000 K	4500 lm	125lm/W	17,3 kg
P4003-07	36W	1000mA	4500 K	5040 lm	140lm/W	17,3 kg
P4003-08	36W	1000mA	5000 K	5040 lm	140lm/W	17,3 kg

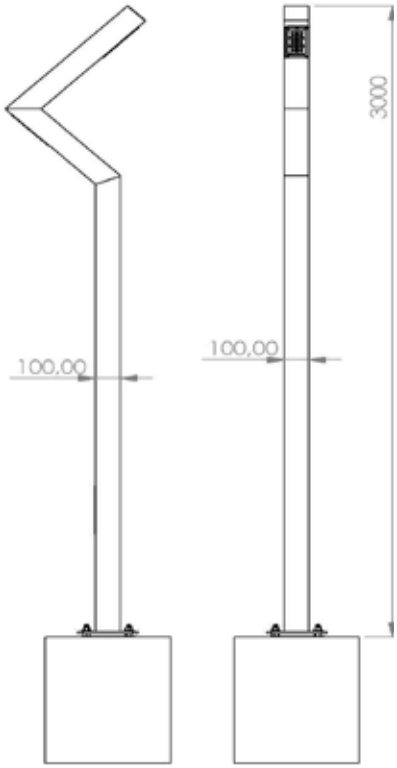
ENTE P4004



Application: parks, pedestrian paths, bike paths
Installation: pole mounted
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95
Control system via DALI interface (optionally via 1-10V analog signal).





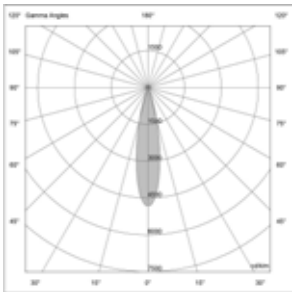


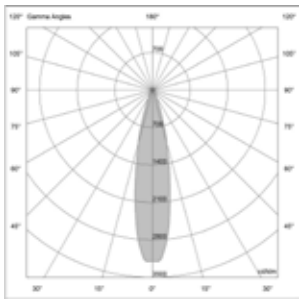
220-240V AC
-40 +40°
10kV
DALI

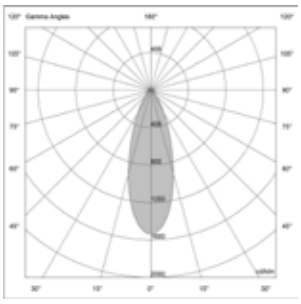
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
P4004-01	2x22W	700mA	3000 K	2450 lm	110lm/W	13,2 kg
P4004-02	2x22W	700mA	4000 K	2750 lm	125lm/W	13,2 kg
P4004-03	2x22W	700mA	4500 K	3080 lm	140lm/W	13,2 kg
P4004-04	2x22W	700mA	5000 K	3080 lm	140lm/W	13,2 kg
P4004-05	2x36W	1000mA	3000 K	3960 lm	110lm/W	13,2 kg
P4004-06	2x36W	1000mA	4000 K	4500 lm	125lm/W	13,2 kg
P4004-07	2x36W	1000mA	4500 K	5040 lm	140lm/W	13,2 kg
P4004-08	2x36W	1000mA	5000 K	5040 lm	140lm/W	13,2 kg

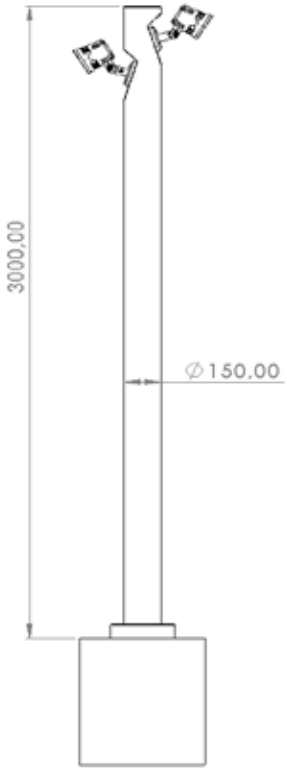
ENTE P4006

Application: parks, pedestrian paths, bike paths
Installation: pole mounted
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95
Control system via DALI interface (optionally via 1-10V analog signal).





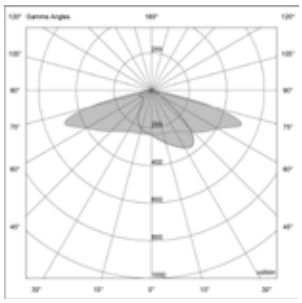


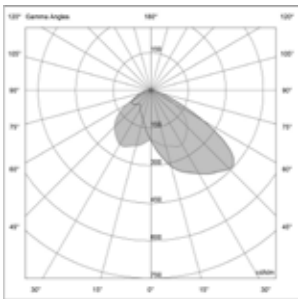


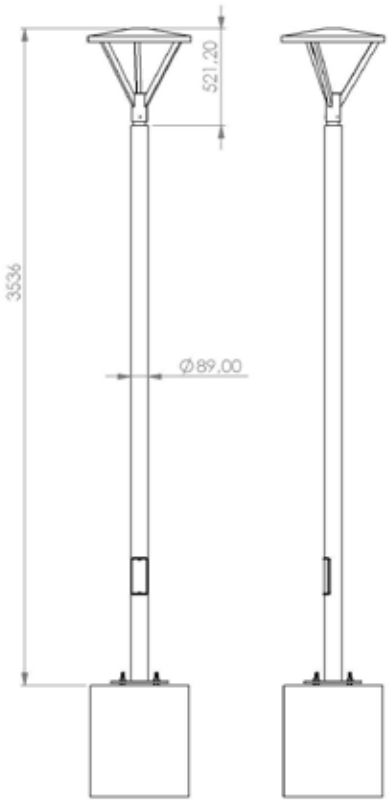
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
P4006-01	2x22W	700mA	3000 K	2450 lm	110lm/W	14,6 kg
P4006-02	2x22W	700mA	4000 K	2750 lm	125lm/W	14,6 kg
P4006-03	2x22W	700mA	4500 K	3080 lm	140lm/W	14,6 kg
P4006-04	2x22W	700mA	5000 K	3080 lm	140lm/W	14,6 kg
P4006-05	2x36W	1000mA	3000 K	3960 lm	110lm/W	14,6 kg
P4006-06	2x36W	1000mA	4000 K	4500 lm	125lm/W	14,6 kg
P4006-07	2x36W	1000mA	4500 K	5040 lm	140lm/W	14,6 kg
P4006-08	2x36W	1000mA	5000 K	5040 lm	140lm/W	14,6 kg

ENTE P4007

Application: parks, pedestrian paths, bike paths
Installation: pole mounted
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95
Control system via DALI interface (optionally via 1-10V analog signal).



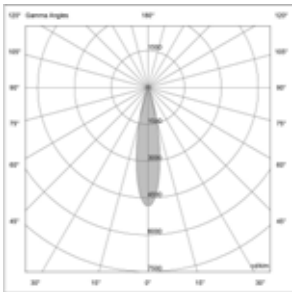


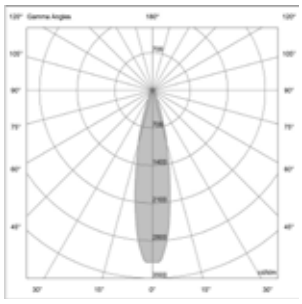


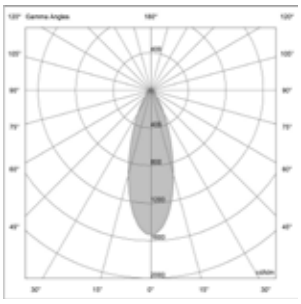
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
P4007-01	22W	700mA	3000 K	2450 lm	110lm/W	15,8 kg
P4007-02	22W	700mA	4000 K	2750 lm	125lm/W	15,8 kg
P4007-03	22W	700mA	4500 K	3080 lm	140lm/W	15,8 kg
P4007-04	22W	700mA	5000 K	3080 lm	140lm/W	15,8 kg
P4007-05	36W	1000mA	3000 K	3960 lm	110lm/W	15,8 kg
P4007-06	36W	1000mA	4000 K	4500 lm	125lm/W	15,8 kg
P4007-07	36W	1000mA	4500 K	5040 lm	140lm/W	15,8 kg
P4007-08	36W	1000mA	5000 K	5040 lm	140lm/W	15,8 kg

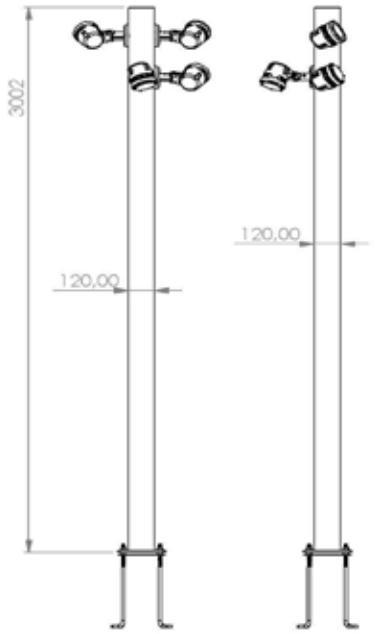
ENTE P4009

Application: parks, pedestrian paths, bike paths
Installation: pole mounted
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95
Control system via DALI interface (optionally via 1-10V analog signal).





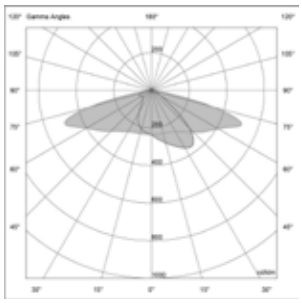


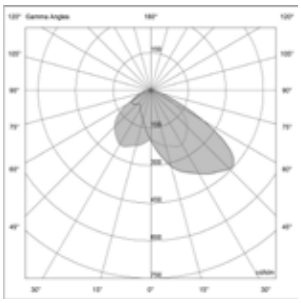


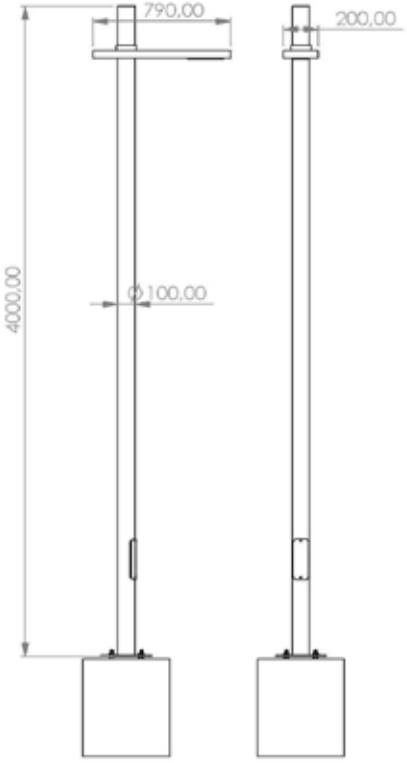
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
P4009-01	4x22W	700mA	3000 K	2450 lm	110lm/W	21,6 kg
P4009-02	4x22W	700mA	4000 K	2750 lm	125lm/W	21,6 kg
P4009-03	4x22W	700mA	4500 K	3080 lm	140lm/W	21,6 kg
P4009-04	4x22W	700mA	5000 K	3080 lm	140lm/W	21,6 kg
P4009-05	4x36W	1000mA	3000 K	3960 lm	110lm/W	21,6 kg
P4009-06	4x36W	1000mA	4000 K	4500 lm	125lm/W	21,6 kg
P4009-07	4x36W	1000mA	4500 K	5040 lm	140lm/W	21,6 kg
P4009-08	4x36W	1000mA	5000 K	5040 lm	140lm/W	21,6 kg

ENTE P4012

Application: parks, pedestrian paths, bike paths
Installation: pole mounted
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95
Control system via DALI interface (optionally via 1-10V analog signal).



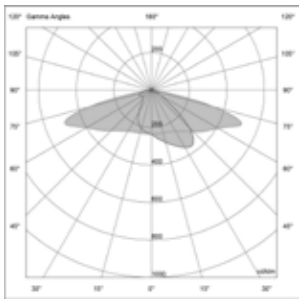


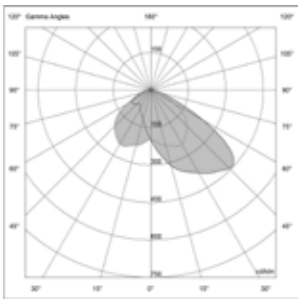


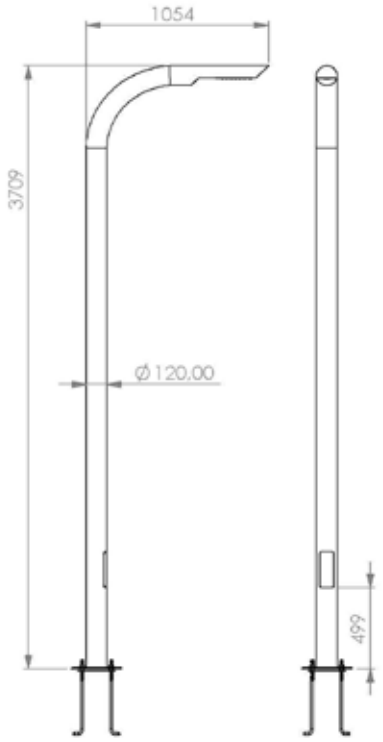
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
P4012-01	22W	700mA	3000 K	2450 lm	110lm/W	18,8 kg
P4012-02	22W	700mA	4000 K	2750 lm	125lm/W	18,8 kg
P4012-03	22W	700mA	4500 K	3080 lm	140lm/W	18,8 kg
P4012-04	22W	700mA	5000 K	3080 lm	140lm/W	18,8 kg
P4012-05	36W	1000mA	3000 K	3960 lm	110lm/W	18,8 kg
P4012-06	36W	1000mA	4000 K	4500 lm	125lm/W	18,8 kg
P4012-07	36W	1000mA	4500 K	5040 lm	140lm/W	18,8 kg
P4012-08	36W	1000mA	5000 K	5040 lm	140lm/W	18,8 kg

ENTE P4013

Application: parks, pedestrian paths, bike paths
Installation: pole mounted
Ingress protection: IP 65
Material: Steel
cover - formed aluminum sheet
diffuser – polycarbonate lens
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 3000K
Input voltage frequency: 50/60 Hz
Power factor: 0.95
Control system via DALI interface (optionally via 1-10V analog signal).







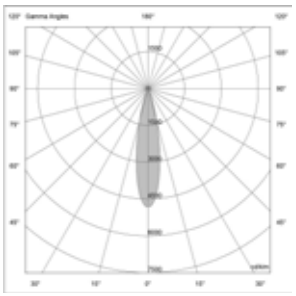
220-240V AC
-40 +40°
10kV
DALI

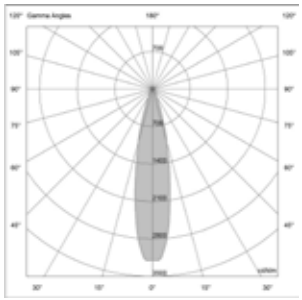
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
P4013-01	22W	700mA	3000 K	2450 lm	110lm/W	18 kg
P4013-02	22W	700mA	4000 K	2750 lm	125lm/W	18,8 kg
P4013-03	22W	700mA	4500 K	3080 lm	140lm/W	18,8 kg
P4013-04	22W	700mA	5000 K	3080 lm	140lm/W	18,8 kg
P4013-05	36W	1000mA	3000 K	3960 lm	110lm/W	18,8 kg
P4013-06	36W	1000mA	4000 K	4500 lm	125lm/W	18,8 kg
P4013-07	36W	1000mA	4500 K	5040 lm	140lm/W	18,8 kg
P4013-08	36W	1000mA	5000 K	5040 lm	140lm/W	18,8 kg

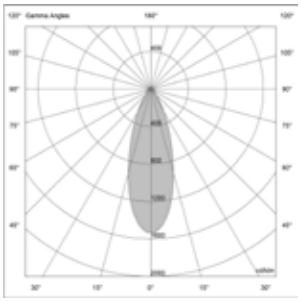
FLOOD LIGHTING

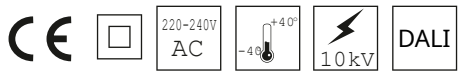
ENTE FL6001

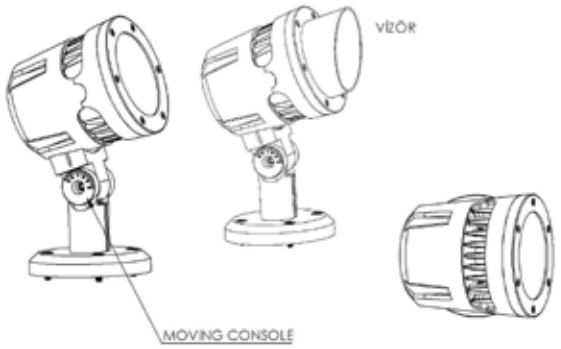
Application: parks, pedestrian paths, bike paths
Installation: pole mounted or on extension arms with ø60x50 mm ends
Ingress protection: IP 65
Material: base – high pressure die-cast aluminum alloy
Diffuser – Straight (PMMA)
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 2 700K
Input voltage frequency: 50/60 Hz
Power factor: 0.95
Control system via DALI interface (optionally via 1-10V analog signal).

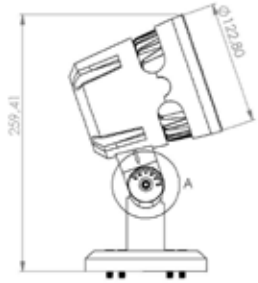








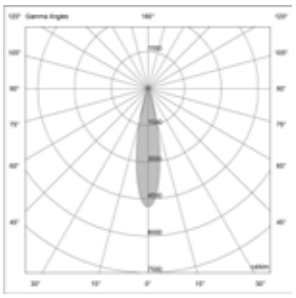


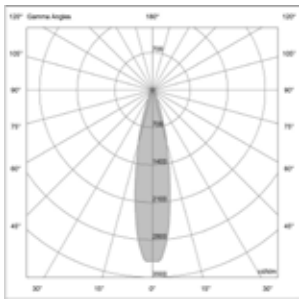


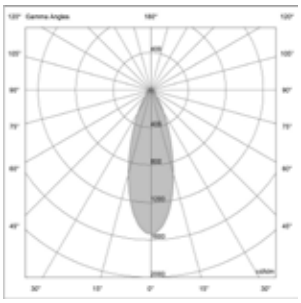
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
FL6001-01	22W	700mA	3000 K	2450 lm	110lm/W	3,9 kg
FL6001-02	22W	700mA	4000 K	2750 lm	125lm/W	3,9 kg
FL6001-03	22W	700mA	4500 K	3080 lm	140lm/W	3,9 kg
FL6001-04	22W	700mA	5000 K	3080 lm	140lm/W	3,9 kg
FL6001-05	36W	1000mA	3000 K	3960 lm	110lm/W	3,9 kg
FL6001-06	36W	1000mA	4000 K	4500 lm	125lm/W	3,9 kg
FL6001-07	36W	1000mA	4500 K	5040 lm	140lm/W	3,9 kg
FL6001-08	36W	1000mA	5000 K	5040 lm	140lm/W	3,9 kg

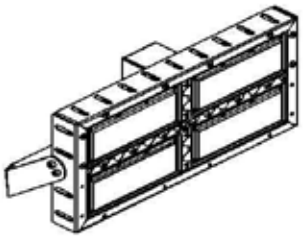
ENTE FL6002

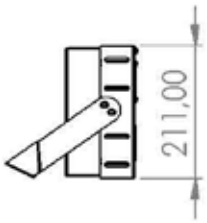
Application: parks, pedestrian paths, bike paths
Installation: pole mounted or on extension arms with ø60x50 mm ends
Ingress protection: IP 65
Material: base – high pressure die-cast aluminum alloy
Diffuser – Straight (PMMA)
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 2 700K
Input voltage frequency: 50/60 Hz
Power factor: □0.95
Control system via DALI interface (optionally via 1-10V analog signal).

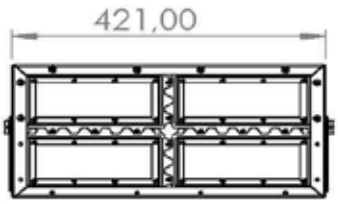






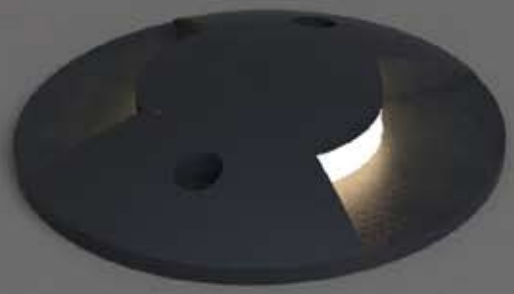




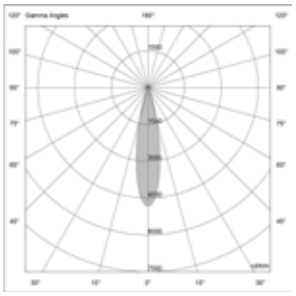


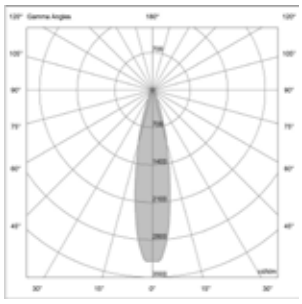
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
FL6002-01	40W	700mA	4000 K	4480 lm	112lm/W	3,9 kg
FL6002-01	40W	700mA	4500 K	5200 lm	130lm/W	3,9 kg
FL6002-01	40W	700mA	5000 K	5600 lm	140lm/W	3,9 kg
FL6002-01	86W	1000mA	4000 K	9600 lm	112lm/W	4,9 kg
FL6002-01	86W	1000mA	4500 K	11150 lm	130lm/W	4,9 kg
FL6002-01	86W	1000mA	5000 K	12000 lm	140lm/W	4,9 kg
FL6002-01	160W	1000mA	4000 K	17500 lm	112lm/W	6 kg
FL6002-01	160W	1000mA	4500 K	20800 lm	130lm/W	6 kg
FL6002-01	160W	1000mA	5000 K	22400 lm	140lm/W	6 kg
FL6002-01	260W	1000mA	4000 K	29120 lm	112lm/W	8,5 kg
FL6002-01	260W	1000mA	4500 K	33800 lm	130lm/W	8,5 kg
FL6002-01	260W	1000mA	5000 K	36400 lm	140lm/W	8,5 kg
FL6002-01	340W	1000mA	4000 K	38080 lm	112lm/W	9,8 kg
FL6002-01	340W	1000mA	4500 K	44200 lm	130lm/W	9,8 kg
FL6002-01	340W	1000mA	5000 K	47600 lm	140lm/W	9,8 kg

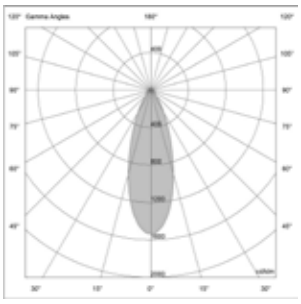
ENTE FL6003

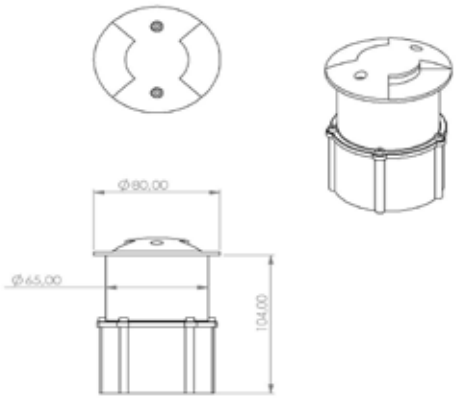


Application: parks, pedestrian paths, bike paths
Installation: pole mounted or on extension arms with ø60x50 mm ends
Ingress protection: IP 65
Material: base – high pressure die-cast aluminum alloy
Diffuser – Straight (PMMA)
Expected lifetime: L9 - 50 000 h, L8 - 100 000 h
CRI: >70 for 4000 K; >80 for 3 500K, 2 700K
Input voltage frequency: 50/60 Hz
Power factor: 0.95
Control system via DALI interface (optionally via 1-10V analog signal).







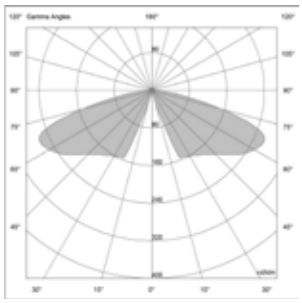


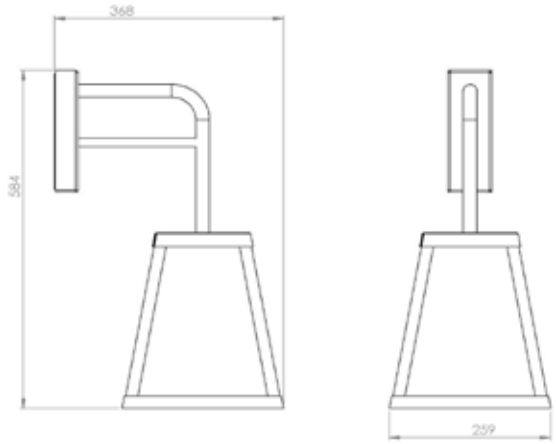
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
B1019-01	2,2W	350 mA	3000 K	260 lm	118 lm/W	2,9 kg
B1019-03	2,2W	350 mA	4000 K	270 lm	123 lm/W	2,9 kg
B1019-04	2,2W	350 mA	4500 K	308 lm	140 lm/W	2,9 kg

SCONCE

ENTE S2001

S2001 LED outdoor wall light with lantern shaped lampshade - The aluminum frame of this LED outdoor wall light has a dark gray finish and the angular lampshade is complemented by clear glass panels. Thus, you can be sure that the LED light penetrates the environment with all its brightness and contributes to a bright illumination. The lantern shape here is interpreted in a very modern and linear way, which makes the LED outdoor wall light particularly suitable for contemporary architecture. -





220-240V AC

-40 +40°

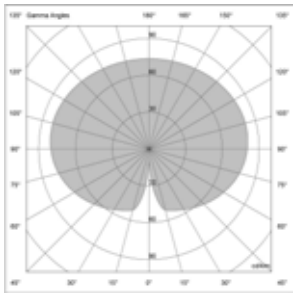
10kV

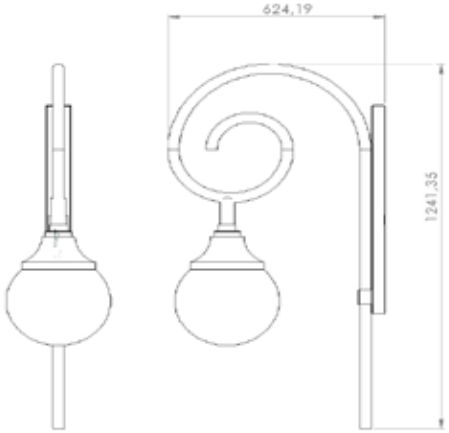
DALI

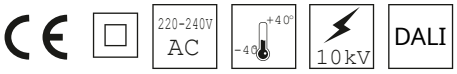
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
S2001-01	12W	350mA	3000 K	1320 lm	110lm/W	5,2 kg
S2001-02	12W	350mA	4000 K	1500 lm	125lm/W	5,2 kg
S2001-03	12W	350mA	4500 K	1680 lm	140lm/W	5,2 kg
S2001-04	12W	350mA	5000 K	1680 lm	140lm/W	5,2 kg
S2001-05	30W	750mA	3000 K	3300 lm	110lm/W	5,2 kg
S2001-06	30W	750mA	4000 K	3750 lm	125lm/W	5,2 kg
S2001-07	30W	750mA	4500 K	4200 lm	140lm/W	5,2 kg
S2001-08	30W	750mA	5000 K	4200 lm	140lm/W	5,2 kg

ENTE S2004

Beautifully shaped S2004 outdoor wall lamp Owing to its globe-like shape, the S2004 wall lamp is very reminiscent of a bygone light source and has an antique feel. The antique-looking surface of the metal frame also adds to its nostalgic appeal. The bottom of the LED lamp is covered with a spherical lampshade made of PMMA, a material that stands out for its high rigidity. Its integrated, long-lasting, energy-efficient LEDs are of very high quality and manufactured by Samsung.



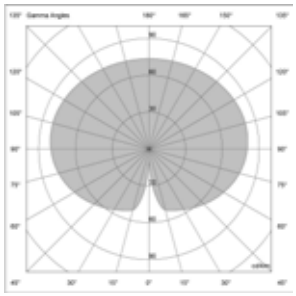


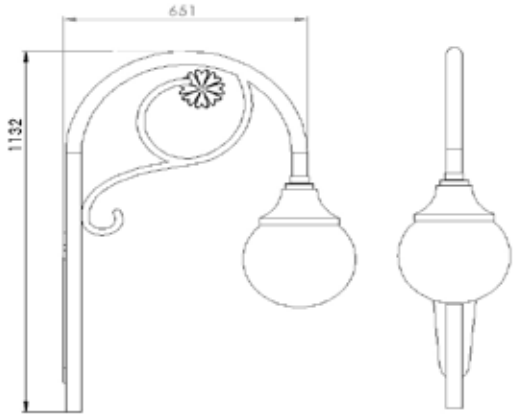


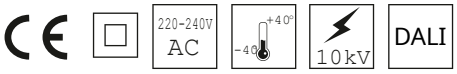
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
S2004-1	22W	700mA	3000 K	2450 lm	110lm/W	6 kg
S2004-2	22W	700mA	4000 K	2750 lm	125lm/W	6 kg
S2004-3	22W	700mA	4500 K	3080 lm	140lm/W	6 kg
S2004-4	22W	700mA	5000 K	3080 lm	140lm/W	6 kg
S2004-5	36W	1000mA	3000 K	3960 lm	110lm/W	6 kg
S2004-6	36W	1000mA	4000 K	4500 lm	125lm/W	6 kg
S2004-7	36W	1000mA	4500 K	5040 lm	140lm/W	6 kg
S2004-8	36W	1000mA	5000 K	5040 lm	140lm/W	6 kg

ENTE S2010

Beautifully shaped S2004 outdoor wall lamp Owing to its globe-like shape, the S2004 wall lamp is very reminiscent of a bygone light source and has an antique feel. The antique-looking surface of the metal frame also adds to its nostalgic appeal. The bottom of the LED lamp is covered with a spherical lampshade made of PMMA, a material that stands out for its high rigidity. Its integrated, long-lasting, energy-efficient LEDs are of very high quality and manufactured by Samsung.



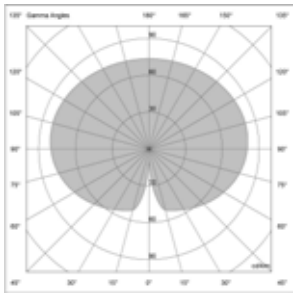


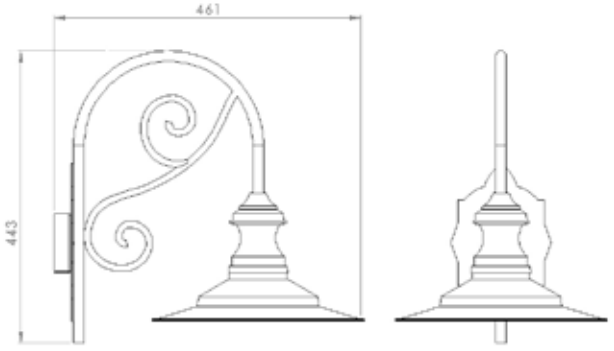


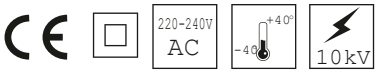
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
S2010-1	22W	700mA	3000 K	2450 lm	110lm/W	6,5 kg
S2010-2	22W	700mA	4000 K	2750 lm	125lm/W	6,5 kg
S2010-3	22W	700mA	4500 K	3080 lm	140lm/W	6,5 kg
S2010-4	22W	700mA	5000 K	3080 lm	140lm/W	6,5 kg
S2010-5	36W	1000mA	3000 K	3960 lm	110lm/W	6,5 kg
S2010-6	36W	1000mA	4000 K	4500 lm	125lm/W	6,5 kg
S2010-7	36W	1000mA	4500 K	5040 lm	140lm/W	6,5 kg
S2010-8	36W	1000mA	5000 K	5040 lm	140lm/W	6,5 kg

ENTE S2014

Nostalgic looking S2014 exterior wall lamp When you look at this nostalgic S2014 exterior wall lamp, you feel as if you have been transported to another era. It creates a nice atmosphere in the environment with its decorative and stylish shape on the console. It allows the lantern to emit a pleasant light with its golden color downwards.



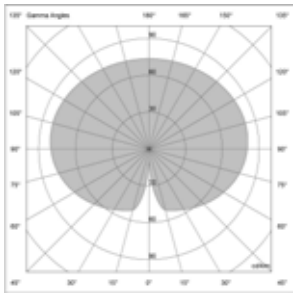


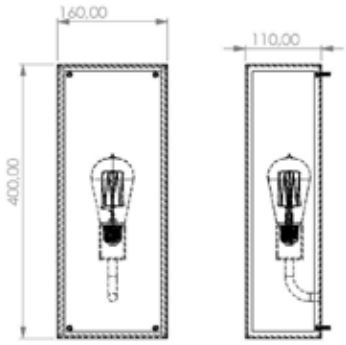


Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
S2014-01	10W	350 mA	3000 K	1180 lm	118 lm/W	2 kg
S2014-02	10W	350 mA	4000 K	1230 lm	123 lm/W	2 kg
S2014-03	10W	350 mA	4500 K	1400 lm	140 lm/W	2 kg
S2014-04	10W	350 mA	5000 K	1400 lm	140 lm/W	2 kg

ENTE S2016

Wall light S2016 in clear glass The S2016 outdoor wall light has a modern and elegant look thanks to its linear design and the materials used: dark gray aluminum and clear glass. The light from the bulb can spread in all directions, so that the entrance or terrace, for example, is perfectly illuminated both up and down and to the sides. The decorative appearance of the exterior wall fixture can be further enhanced by using a clear filament lamp. Equipped with protection class IP65, it can also be easily installed in exposed areas.





220-240V AC

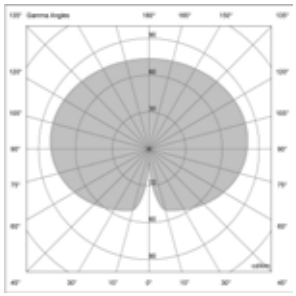
-40° +40°

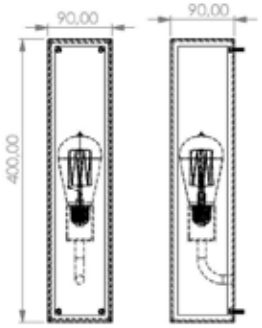
10kV

Code	Power		Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
S2016-01	8W	E27	3000 K	700 lm	-	1,9 kg
S2016-02	8W	E27	4000 K	800 lm	-	1,9 kg
S2016-03	8W	E27	4500 K	900 lm	-	1,9 kg
S2016-04	8W	E27	5000 K	1055 lm	-	1,9 kg

ENTE S2018

Wall light S2018 in clear glass The S2018 outdoor wall light has a modern and elegant look thanks to its linear design and the materials used: dark gray aluminum and clear glass. The light from the bulb can spread in all directions, so that the entrance or terrace, for example, is perfectly illuminated both up and down and to the sides. The decorative appearance of the exterior wall fixture can be further enhanced by using a clear filament lamp. Equipped with protection class IP65, it can also be easily installed in exposed areas.





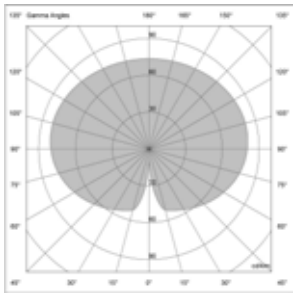
220-240V AC

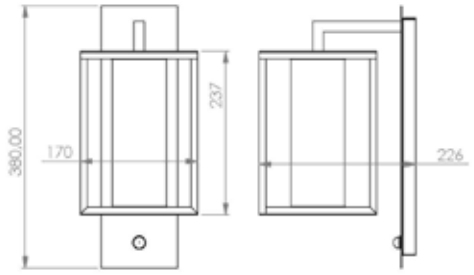
+40° -40 10kV

Code	Power		Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
S2016-01	8W	E27	3000 K	700 lm	-	1,9 kg
S2016-02	8W	E27	4000 K	800 lm	-	1,9 kg
S2016-03	8W	E27	4500 K	900 lm	-	1,9 kg
S2016-04	8W	E27	5000 K	1055 lm	-	1,9 kg

ENTE S2020

With a practical motion sensor - Ferda outdoor wall light With its motion detector, the ENTELYUX outdoor wall light helps you to safely navigate frequently visited outdoor areas, such as the building entrance, in the dark. The S2001 outdoor light switches on reliably when a movement is detected and stays on for a pre-set period. - Detection angle 120° - Detection range 6 - 10 m - Lighting duration: min. eight seconds to max. eight minutes





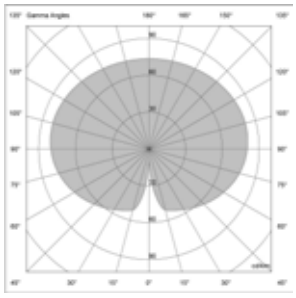
220-240V AC

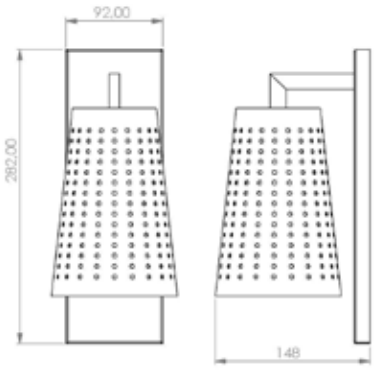
+40° -40 10kV

Code	Power		Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
S2016-01	8W	E27	3000 K	700 lm	-	1,9 kg
S2016-02	8W	E27	4000 K	800 lm	-	1,9 kg
S2016-03	8W	E27	4500 K	900 lm	-	1,9 kg
S2016-04	8W	E27	5000 K	1055 lm	-	1,9 kg

ENTE S2017

With a practical motion sensor - Ferda outdoor wall light With its motion detector, the ENTELYUX outdoor wall light helps you to safely navigate frequently visited outdoor areas, such as the building entrance, in the dark. The S2001 outdoor light switches on reliably when a movement is detected and stays on for a pre-set period. - Detection angle 120° - Detection range 6 - 10 m - Lighting duration: min. eight seconds to max. eight minutes

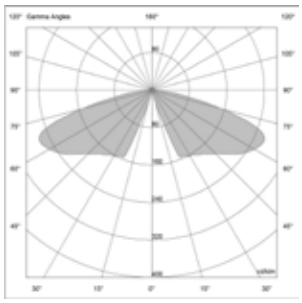


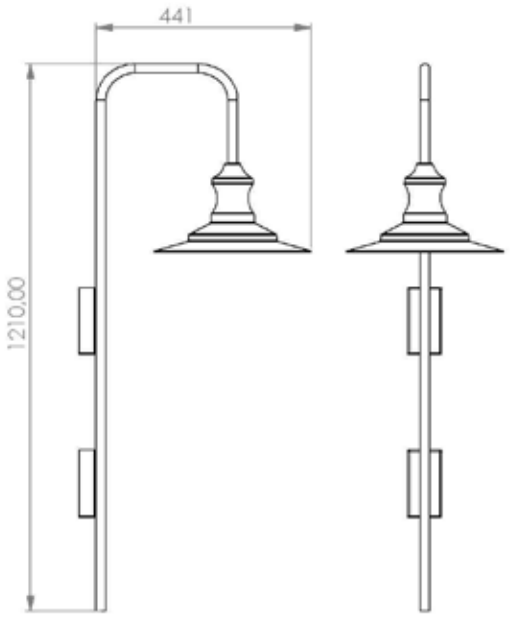


Code	Power		Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
S2017-01	8W	E27	3000 K	700 lm	-	1,9 kg
S2017-02	8W	E27	4000 K	800 lm	-	1,9 kg
S2017-03	8W	E27	4500 K	900 lm	-	1,9 kg
S2017-04	8W	E27	5000 K	1055 lm	-	1,9 kg

ENTE S2021

S2001 LED outdoor wall light with lantern shaped lampshade - The aluminum frame of this LED outdoor wall light has a dark gray finish and the angular lampshade is complemented by clear glass panels. Thus, you can be sure that the LED light penetrates the environment with all its brightness and contributes to a bright illumination. The lantern shape here is interpreted in a very modern and linear way, which makes the LED outdoor wall light particularly suitable for contemporary architecture. -





220-240V AC

-40 +40°

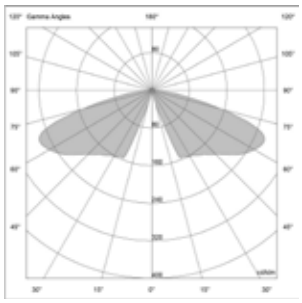
10kV

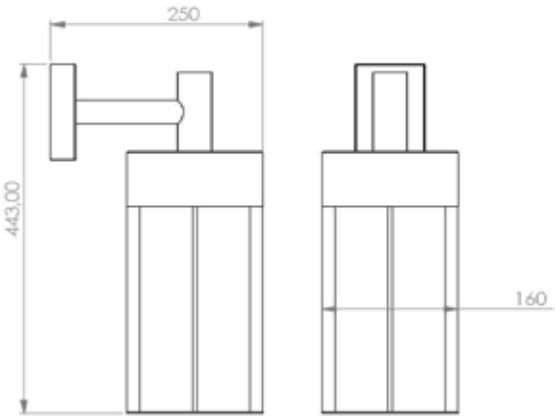
DALI

Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
S2021-01	12W	350mA	3000 K	1320 lm	110lm/W	4,9 kg
S2021-02	12W	350mA	4000 K	1500 lm	125lm/W	4,9 kg
S2021-03	12W	350mA	4500 K	1680 lm	140lm/W	4,9 kg
S2021-04	12W	350mA	5000 K	1680 lm	140lm/W	4,9 kg
S2021-05	30W	750mA	3000 K	3300 lm	110lm/W	4,9 kg
S2021-06	30W	750mA	4000 K	3750 lm	125lm/W	4,9 kg
S2021-07	30W	750mA	4500 K	4200 lm	140lm/W	4,9 kg
S2021-08	30W	750mA	5000 K	4200 lm	140lm/W	4,9 kg

ENTE S2022

S2001 LED outdoor wall light with lantern shaped lampshade - The aluminum frame of this LED outdoor wall light has a dark gray finish and the angular lampshade is complemented by clear glass panels. Thus, you can be sure that the LED light penetrates the environment with all its brightness and contributes to a bright illumination. The lantern shape here is interpreted in a very modern and linear way, which makes the LED outdoor wall light particularly suitable for contemporary architecture. -





220-240V AC

-40 +40°

10kV

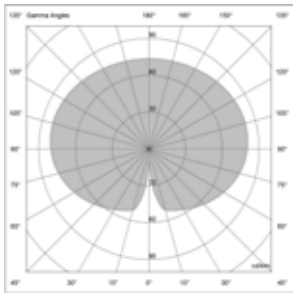
DALI

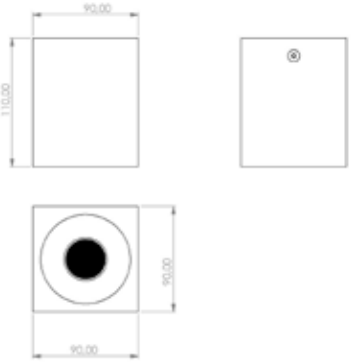
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
S2022-01	12W	350mA	3000 K	1320 lm	110lm/W	5,2 kg
S2022-02	12W	350mA	4000 K	1500 lm	125lm/W	5,2 kg
S2022-03	12W	350mA	4500 K	1680 lm	140lm/W	5,2 kg
S2022-04	12W	350mA	5000 K	1680 lm	140lm/W	5,2 kg
S2022-05	30W	750mA	3000 K	3300 lm	110lm/W	5,2 kg
S2022-06	30W	750mA	4000 K	3750 lm	125lm/W	5,2 kg
S2022-07	30W	750mA	4500 K	4200 lm	140lm/W	5,2 kg
S2022-08	30W	750mA	5000 K	4200 lm	140lm/W	5,2 kg

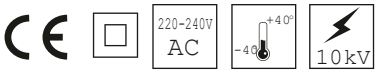

WOOD LED LIGHTING

ENTE W7001

Technical Details LED unit:
Input Voltage: 230V
Angle: 38°
Wattage: 5W
Energy Class: F (before A+)
Color Temperature:2700K
Brightness: 380lm
CRI /CRI: >80
Protection Class: IP20
dimmable: yes
Lifespan: 50.000h
Energy Consumption: 5kWh /1000h



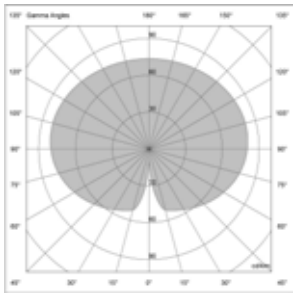


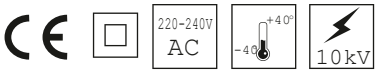


Code	Power		Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
W7001-01	5,4W	GU10	3000 K	350 lm	-	0,26kg
W7001-02	5,4W	GU10	4000 K	370 lm	-	0,26kg
W7001-03	5,4W	GU10	4500 K	390 lm	-	0,26kg
W7001-04	5,4W	GU10	5000 K	410 lm	-	0,26kg

ENTE W7005

Technical Details LED unit:
Input Voltage: 230V
Angle: 38°
Wattage: 5W
Energy Class: F (before A+)
Color Temperature:2700K
Brightness: 380lm
CRI /CRI: >80
Protection Class: IP20
dimmable: yes
Lifespan: 50.000h
Energy Consumption: 5kWh /1000h

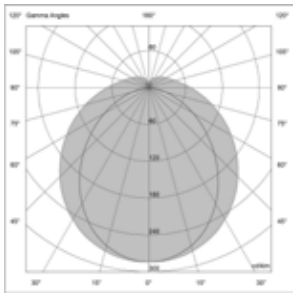


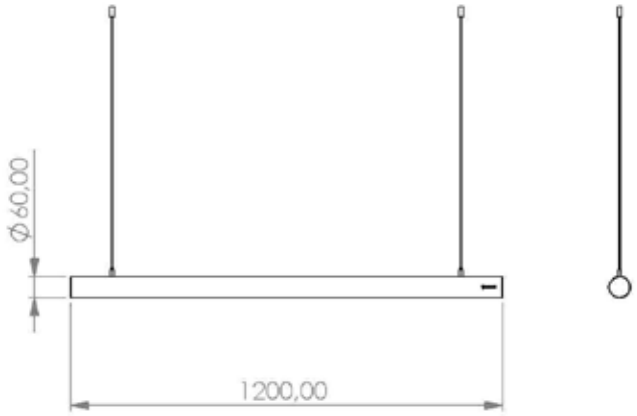


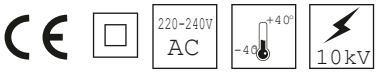
Code	Power		Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
W7005-01	5,4W	GU10	3000 K	350 lm	-	0,25 kg
W7005-02	5,4W	GU10	4000 K	370 lm	-	0,25 kg
W7005-03	5,4W	GU10	4500 K	390 lm	-	0,25 kg
W7005-04	5,4W	GU10	5000 K	410 lm	-	0,25 kg

ENTE W7002

Technical Details LED wooden pendant lighting:
Dimensions: Length 108cm and 120cm, diameter 6cm
Cord length: 3m
Input Voltage: 220-240V AC
Voltage: 24V
Power: 24W/m
Energy Class: E (before A++)
Color Temperature: 2700K
Brightness: 3048 lm/min
CRI / CRI: >90
Protection Class: IP20
dimmable: yes, by tapping
Lifespan: 50,000 hours
Efficiency: 127 lm/W
Energy Consumption: 21kWh /1000h
Warranty: 5 years
Also available in 128cm and



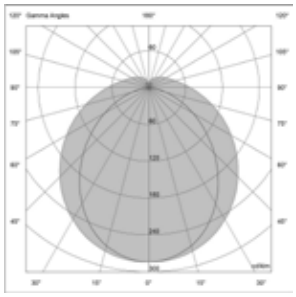


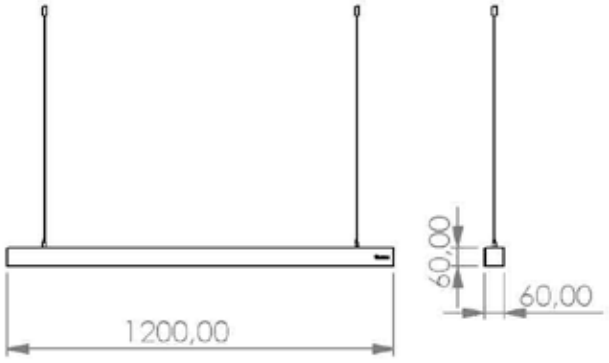


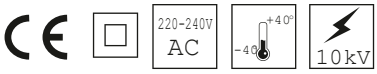
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
W7002-01	12W	350mA	3000 K	1320 lm	110lm/W	2 kg
W7002-02	12W	350mA	4000 K	1500 lm	125lm/W	2 kg
W7002-03	12W	350mA	4500 K	1680 lm	140lm/W	2 kg
W7002-04	12W	350mA	5000 K	1680 lm	140lm/W	2 kg
W7002-05	30W	750mA	3000 K	3300 lm	110lm/W	2 kg
W7002-06	30W	750mA	4000 K	3750 lm	125lm/W	2 kg
W7002-07	30W	750mA	4500 K	4200 lm	140lm/W	2 kg
W7002-08	30W	750mA	5000 K	4200 lm	140lm/W	2 kg

ENTE W7006

Technical Details LED wooden pendant lighting:
Dimensions: Length 108cm and 120cm, height and width 4cm
Cord length: 3m
Input Voltage: 220-240V AC
Voltage: 24V
Power: 24W/m
Energy Class: E (before A++)
Color Temperature: 2700K
Brightness: 3048 lm/min
CRI / CRI: >90
Protection Class: IP20
dimmable: yes, by tapping
Lifespan: 50,000 hours
Efficiency: 127 lm/W
Energy Consumption: 21kWh /1000h
Warranty: 5 years
Also available in 128cm and



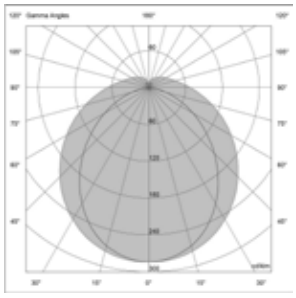


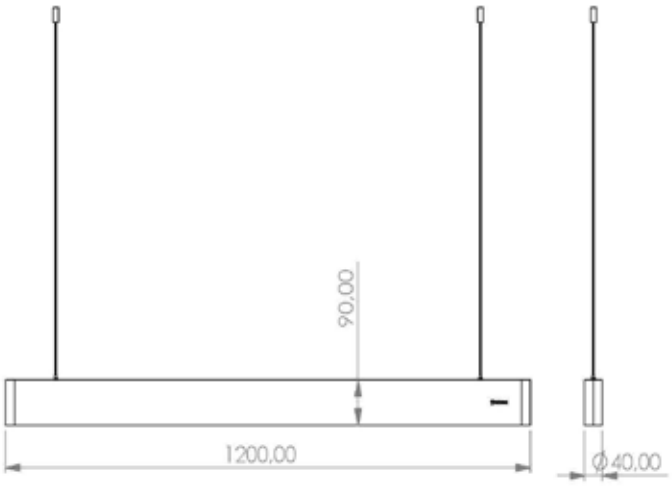


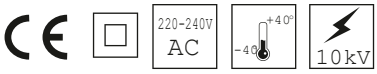
Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
W7006-01	12W	350mA	3000 K	1320 lm	110lm/W	2 kg
W7006-02	12W	350mA	4000 K	1500 lm	125lm/W	2 kg
W7006-03	12W	350mA	4500 K	1680 lm	140lm/W	2 kg
W7006-04	12W	350mA	5000 K	1680 lm	140lm/W	2 kg
W7006-05	30W	750mA	3000 K	3300 lm	110lm/W	2 kg
W7006-06	30W	750mA	4000 K	3750 lm	125lm/W	2 kg
W7006-07	30W	750mA	4500 K	4200 lm	140lm/W	2 kg
W7006-08	30W	750mA	5000 K	4200 lm	140lm/W	2 kg

ENTE W7007

Technical Details LED wooden pendant lighting:
Dimensions: Length 108cm and 120cm, (optional 88cm) height and width 9cm
Cord length: 3m
Input Voltage: 220-240V AC
Voltage: 24V
Power: 24W/m
Energy Class: E (before A++)
Color Temperature: 2700K
Brightness: 3048 lm/min
CRI / CRI: >90
Protection Class: IP20
dimmable: yes, by tapping
Lifespan: 50,000 hours
Efficiency: 127 lm/W
Energy Consumption: 21kWh /1000h
Warranty: 5 years
Also available in 128cm and





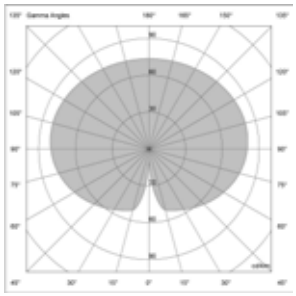


Code	Power	LED forward current	Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
W7007-01	12W	350mA	3000 K	1320 lm	110lm/W	2 kg
W7007-02	12W	350mA	4000 K	1500 lm	125lm/W	2 kg
W7007-03	12W	350mA	4500 K	1680 lm	140lm/W	2 kg
W7007-04	12W	350mA	5000 K	1680 lm	140lm/W	2 kg
W7007-05	30W	750mA	3000 K	3300 lm	110lm/W	2 kg
W7007-06	30W	750mA	4000 K	3750 lm	125lm/W	2 kg
W7007-07	30W	750mA	4500 K	4200 lm	140lm/W	2 kg
W7007-08	30W	750mA	5000 K	4200 lm	140lm/W	2 kg

ENTE W7003

Technical Details LED unit:
Input Voltage: 230V
Angle: 38°
Wattage: 5W
Energy Class: F (before A+)
Color Temperature:2700K
Brightness: 380lm
CRI /CRI: >80
Protection Class: IP20
dimmable: yes
Lifespan: 50.000h
Energy Consumption: 5kWh /1000h

Length of cord: 2m standard

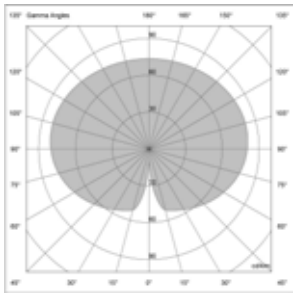


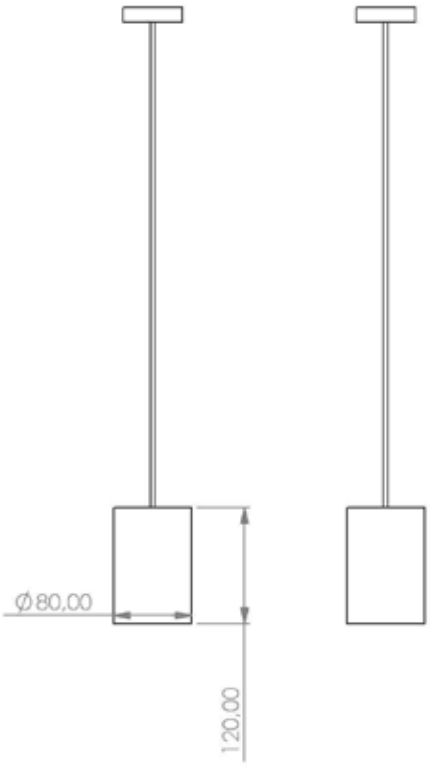
Code	Power		Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
W7003-01	5,4W	GU10	3000 K	350 lm	-	0,25 kg
W7003-02	5,4W	GU10	4000 K	370 lm	-	0,25 kg
W7003-03	5,4W	GU10	4500 K	390 lm	-	0,25 kg
W7003-04	5,4W	GU10	5000 K	410 lm	-	0,25 kg

ENTE W7004

Technical Details LED unit:
Input Voltage: 230V
Angle: 38°
Wattage: 5W
Energy Class: F (before A+)
Color Temperature:2700K
Brightness: 380lm
CRI /CRI: >80
Protection Class: IP20
dimmable: yes
Lifespan: 50.000h
Energy Consumption: 5kWh /1000h

Length of cord: 2m standard

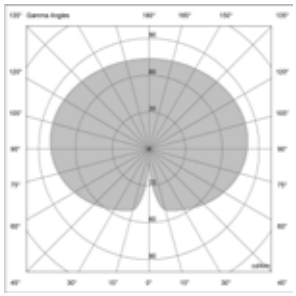


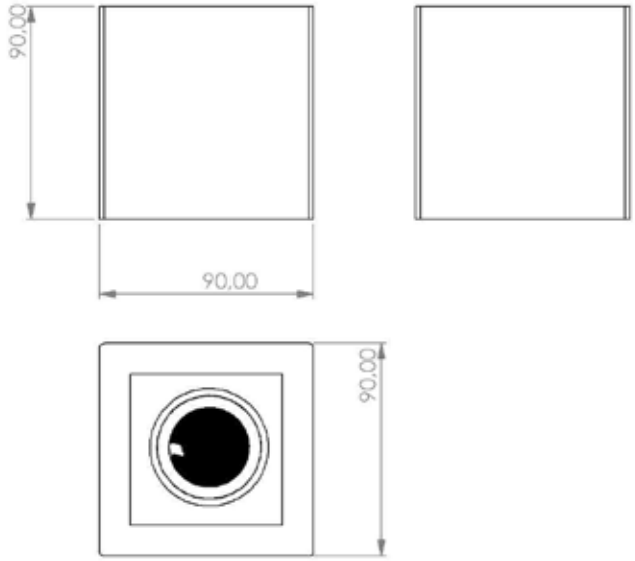


Code	Power		Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
W7004-01	5,4W	GU10	3000 K	350 lm	-	0,25 kg
W7004-02	5,4W	GU10	4000 K	370 lm	-	0,25 kg
W7004-03	5,4W	GU10	4500 K	390 lm	-	0,25 kg
W7004-04	5,4W	GU10	5000 K	410 lm	-	0,25 kg

ENTE W7008

Technical Details LED unit:
Input Voltage: 230V
Angle: 38°
Wattage: 5W
Energy Class: F (before A+)
Color Temperature:2700K
Brightness: 380lm
CRI /CRI: >80
Protection Class: IP20
dimmable: yes
Lifespan: 50.000h
Energy Consumption: 5kWh /1000h





Code	Power		Colour temperature	Luminaire luminous flux	Luminous efficacy	Luminaire net weight
W7008-01	5,4W	GU10	3000 K	350 lm	-	0,25 kg
W7008-02	5,4W	GU10	4000 K	370 lm	-	0,25 kg
W7008-03	5,4W	GU10	4500 K	390 lm	-	0,25 kg
W7008-04	5,4W	GU10	5000 K	410 lm	-	0,25 kg

Lamps

LAMP	WATT	K	Lm		DIMENSIONS	CODE
GU10 LED	5.5W	2800K	500	Yes	H:50 Ø:50mm	6004106
E14 LED	3.5W Golf Ball	2700K	350	Yes	H:80 Ø:45mm	6004087
E14 LED	4W Candle	2700K	450	Yes	H:98 Ø:35mm	6004102
E27 LED	4W	2100K	320	Yes	H:142 Ø:64mm	6004092
E27 LED	7W	2700K	810	Yes	H:105 Ø:60mm	6004089
E27 LED	4W	2100K	320	Yes	H:190 Ø:70mm	6004093
GX53 LED	5W	2800K	300	No	H:24 Ø:75mm	6004073
E27 LED	6W Medium globe	2700K	540	Yes	H:120 Ø:80mm	6004110
E27 LED	6W Large globe	2700K	540	Yes	H:175 Ø:125mm	6004111
G9 LED	2W	3000K	200	No	H:48 Ø:13mm	6004112
E27 LED	7W	2700K	806	Yes	H:105 Ø:60mm	6004121
E27 LED	12W	2700K	1521	Yes	H:105 Ø:60mm	6004122
G9 LED	3.5W	3000K	350	Yes	H:60 Ø:15mm	6004123
E14 LED	5.5W Candle	2800K	470	No	H:100 Ø:35mm	6004126
G9 LED	4.8W	2700K	600	No	H:59 Ø:18mm	6004127
E27 LED	3.8W	2100K	200	Yes	H:300 Ø:82mm	6004128
E27 LED	13.3W	2800K	1055	Yes	H:114 Ø:60mm	6004129
GU10 LED	4W	3000K	230	Yes	H:45 Ø:35mm	6004130
G9 LED	2.6W	2700K	300	Yes	H:52 Ø:15mm	6004131

GU10 LED 5.5W
6004106

E14 LED 3.5W
6004087

E14 LED W4
6004102

E27 LED W4
6004092

E27 LED W7
6004089

E27 LED W4
6004093

GX53 LED W5
6004073

E27 LED 6W
6004110

E27 LED W6
6004111

G9 LED W2
6004112

E27 LED W7
6004121

E27 LED 12W
6004122

G9 LED 4W.8
6004123

E14 LED 5.5W
6004126

G9 LED 3.5W
6004127

E27 LED 3.8W
6004128

E27 LED 13.3W
6004129

GU10 LED W4
6004130

G9 LED 2.6W
6004131

Symbols

European mark for electrical products – ENEC


Symbol CE


Insulation class I


Insulation class II

Ingress protection IP65

Ingress protection IP66

Input voltage 230 V AC

Input voltage 220-240 V AC

Possibility to connect to an external control system via DALI

Surge protection device 10 kV

Operating temperature range from -40° to +55°

Operating temperature range from -40° to +40°

Material aluminium

Symbol CE, Standard EN 40

100-NE-C-S-SE-MD-0 – energy absorption levels according to standard EN

The option of anodising in 10 colours