We Create Worlds of Light

VITRULUX

Product Book

Vitrulux offers exclusive lighting solutions of any degree of complexity. Vitrulux was founded in 2004 in Saint Petersburg, when the first Russian architectural and artistic lighting project using LEDs was realized for the Langenzipen Business Centre by order of the European architectural bureau Tchoban Voss. In less than 20 years **Vitrulux** has grown into a major production company with several business units working in different areas under its umbrella brand.

VITRULUX PRODUCTION FACILITY

The mechanical processing workshop combining a welding site with a robotic complex, a pole and large products manufacturing site with a rotary complex for pole production, an experimental production site and a site of the main production facility with advanced 5-axis CNC machines.
Optical Components and 3D Printing Workshop.
Paint and Coating Shop.
SMD Electronic Products Assembly Line.
Assembly lines with separate areas for SMART solutions and unmanned systems.

VITRULUX RESEARCH CENTRE

Theoretical and practice-oriented developments are carried out in the research cluster of the Centre, which consists of the design department, design engineering department, lighting laboratory, electromagnetic compatibility laboratory, equipment testing department and electronic systems design department with equipment for printed circuit board prototyping.

VITRULUX DESIGN ENGINEERING CENTRE

In cooperation with leading architectural bureaus Coop Himmelb(l) au and Snøhetta, a number of elaborate and essential lighting concepts for cultural spaces have been realized, reflecting the spirit of the time.

VITRUVOX ACOUSTICS DIVISION

The Vitrulux Acoustics Division develops and integrates in-house acoustic systems into its products, combining light and acoustic technology in products that are unique in the market.

Vitrulux offers exquisite and environmentally friendly light for spaces and structures of any complexity: from landscape lighting to macro projects such as illumination of cultural sites, highway lighting and intelligent systems development. We offer elegant customized solutions based on our own lighting technology.

Our mission is to develop technologies and create projects that define spaces for living. We want to transform habitats into smart cities of the future, where a high quality of human life is inseparable from the well-being of the planet.

Our goal is to achieve a perfect combination of customer desires, aesthetics and optimal technical solutions in every project.

Our concept is the combination of high technology, perfect design and environmental friendliness in everything we do.

Vitrulux is, first and foremost, a team of the best specialists: planners, engineers, and designers, as well as a powerful production facility with the state-of-the-art equipment, scientific laboratories and a training centre.

We use our own patented technologies that ensure the best technical characteristics of our products in the market. We analyse progressive global trends and engineering innovations and offer not only the leading-edge, but also forward-looking solutions. We fully comply with the standards for indoor and outdoor lighting and secure strict control over the technological process at every stage, which allows us to guarantee the quality of our products and their operational reliability.

We care about the future of the planet, so the basic principle of the company is a sustainable balance and restoration of the biosphere. We use LED technology, which reduces energy consumption by half, we do not use mercury and our products do not need special disposal.

We are committed to a position of respect and sensitive attitude to people's personal space: our lighting does not intrude into residential buildings, it does not impair the visibility of the night sky or disrupt the biological cycles of urban flora; our lighting also increases traffic safety. The perception of aesthetic characteristics of a certain space and its safety is inextricably linked with light.

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ABOUT THE COMPANY

Vitrulux is the undisputed leader in the domestic market in the field of development and production of lighting products for various purposes.

Our lighting solutions light up both world architecture landmarks and high-profile modern projects.

Other areas of the company's activities include the creation of closed-loop life support systems, wireless telecommunications systems, intelligent navigation and control systems for new types of transportation systems.

We strive to achieve an optimal functional and flexible interaction between beauty and practicality, to find a solution that will be comfortable to live in and interesting to perceive from different angles.
We make effort to create a unique atmosphere of a site or a design, to select a peculiar intonation of perception and to raise the status of the site. For us each new project is a search for an individual approach.

We work in a variety of styles, which allows us to create a unique exterior, combining respect for tradition and technical innovation.

It is important for us to consider both the wishes of the client and the possibilities of the space or facility itself. Design in lighting is more static and stable than other fashionable trends, so it is important that the implemented projects remain relevant even after several years of use. We closely analyse progressive global trends and engineering innovations and offer solutions that are ahead of their time.

In our projects we pay special attention to sustainability and preservation of ecosystems.

Vitrulux products are not only the most modern lighting equipment – comfortable, reliable and inexpensive in operation – but also harmless to the environment. Minimizing damage to nature is an important aspect of our activities.

The use of **Vitrulux** patented technologies, availability of in-house research laboratories equipped with modern measuring equipment and machinery, together with the highest qualification of personnel allow the company to achieve the best technical characteristics of products manufactured today.

The laboratories are equipped with sophisticated equipment and employ highly qualified specialists, including Candidates of Technical Sciences, which makes it possible to perform the whole range of research and development activities and solve the most complicated problems in the shortest possible time. We conduct lighting modelling, illumination calculations, 3D visualization of projects. All lighting solutions using **Vitrulux** luminaires correspond to the style of architecture and area of application.

IN-HOUSE GONIOMETRIC FACILITY

For output control and express analysis, in the company laboratory there is a facility for checking luminaire parameters on the basis of an integrating sphere and a static goniometric unit.

CLIMATIC TESTING DEPARTMENT

The departiment is equipped with a 250-litre HEAT-COLD-MOISTURE-THERMOCYCLE climatic chamber that enables to thoroughly test the entire product range for trouble-free operation in harsh climatic conditions.

LIGHTING RESEARCH DEPARTMENT

The department uses the most modern equipment, the latest techniques for monitoring the parameters and characteristics of lighting devices and systems, including in-house developments. The laboratory thoroughly checks the completeness of luminous flux, chromaticity and colour coordinates, colour rendering index, correlated colour temperature, dominant wavelengths, angular distribution of colour and spectral characteristics, pulsation factor, power, power factor, light distribution curve, photosynthetically active radiation, thermal radiation and spectral density of irradiance.

Vitrulux specializes in providing modern and customized lighting solutions and provides a full range of service.

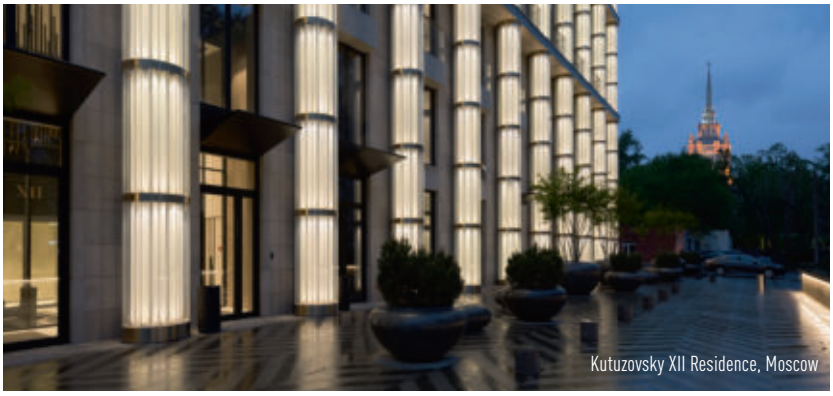
Thanks to many years of experience and professionalism of all the employees, the company can offer the most innovative and advanced products that meet high performance and current design trends.

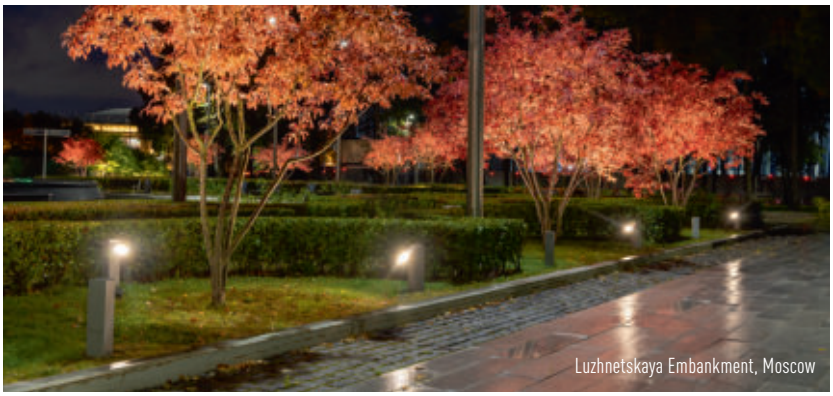
Vitrulux is a modern production hub with the well-organized processes of product design and development, production and quality control that includes mechanical processing workshops, optical components workshop, paint and coating shop, SMD assembly line, department of power eectronics development and research laboratory.

Over 50% of the Vitrulux luminaires have unibody casings that are manufactured from primary aluminium by milling and turning, which ensures high density and absence of internal cavities. This makes it possible to create compact lighting fixtures of different designs with high efficiency.

A special multi-layer coating protects the luminaires from the aggressive environment of the metropolis, ensuring their durability over their entire service life. We strive to minimize the environmental impact, while often the energy required to produce the body of the LED luminaire exceeds the energy savings from its introduction.

Vitrulux products are equally competitive with leading Western counterparts, surpassing them in certain parameters; some samples of manufactured products are unparalleled and protected by patents.


Kutuzovsky XII Residence, Moscow


Luzhnetskaya Embankment, Moscow


Irina Viner-Usmanova Palace of Gymnastics, Moscow


Irina Viner-Usmanova Palace of Gymnastics, Moscow

ST SERIES

ST SERIES

CAMPANA

Outdoor/park and garden lighting

This stylish LED spotlight is designed for accent lighting of pedestrian and park areas. Fixtures can be installed at different levels in relation to each other and vertically grouped along the axis of the support. The design of the luminaire allows to highlight the selected fragments of the landscape and create a unique scenery. The expressive and smooth form of optical compartments harmoniously integrates into the spaces of parks, gardens and outdoor areas. Efficient LED optics focuses the light, creating a contrast between the object and the overall background.

Zaryadye park, Moscow

ST-FD Luminaire Parameters

Rated Power Consumption	25–40 W
Light Output	100 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

Material	aluminium
Mounting	onto a pole
Protective glass	tempered glass
Recommended height	6–12 m

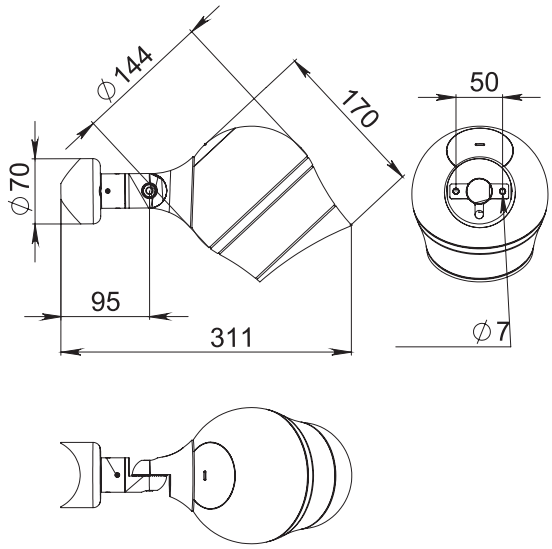
Colour Temperature – Correlated Colour Temperature

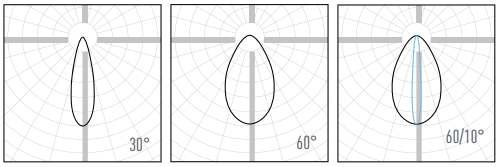
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDi

LED Luminaire ST-FD-25-LDC-CCT-LCP

25 W / 3.2 kg

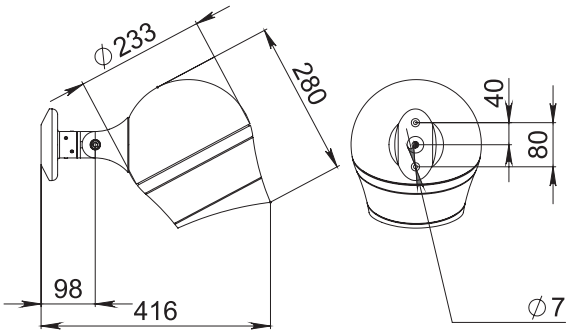


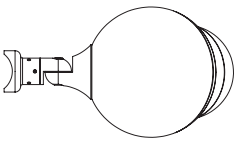


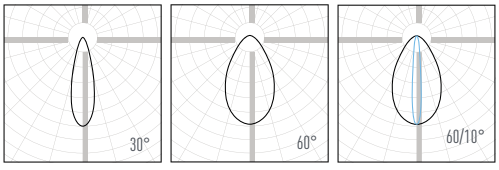
LDC, Light Distribution Curve

LED Luminaire ST-FD-40-LDC-CCT-LCP

40 W / 4.6 kg







LDC, Light Distribution Curve

VIBO

Outdoor/park and garden lighting

The hemispherical LED cantilever-mounted lighting fixture is designed to illuminate pathways between residential buildings and pedestrian areas. The optical module is designed in the form of a simple geometric hemisphere; this shape is easily combined with the urban exteriors of modern cities. The use of the planar optics is ideal for comfortable lighting of the everyday residential environment and prevents light pollution of the surrounding biosphere.

Smolny park, Saint Petersburg

ST-SM Luminaire Parameters

Rated Power Consumption	50 W
Light Output	125 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

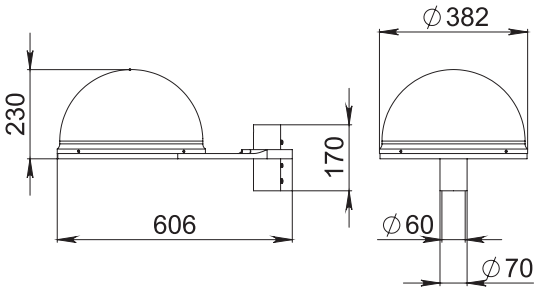
Material	aluminium
Mounting	onto a pole
Protective glass	tempered glass
Recommended height	4–7 m

Colour Temperature – Correlated Colour Temperature

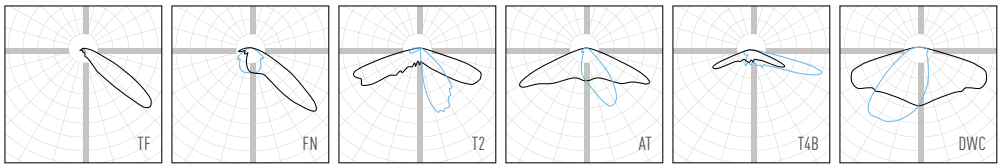
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDi

LED luminaire ST-SM-25-LDC-CCT-LCP

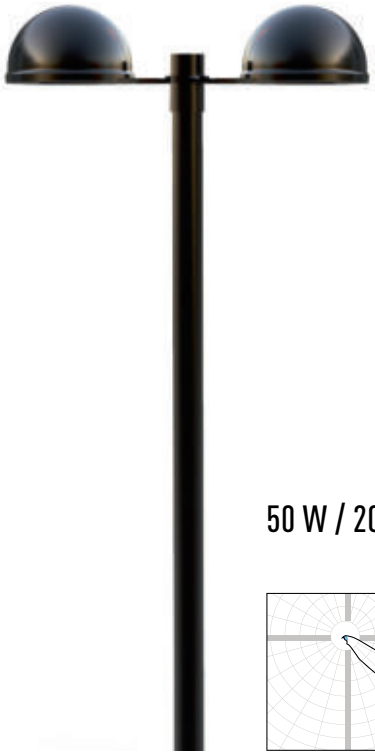


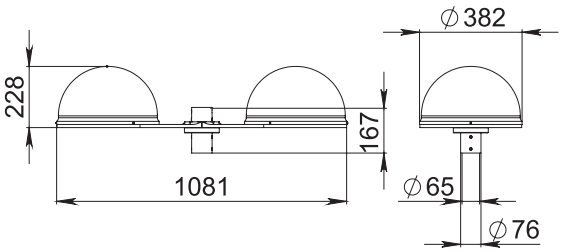
25 W / 9.7 kg



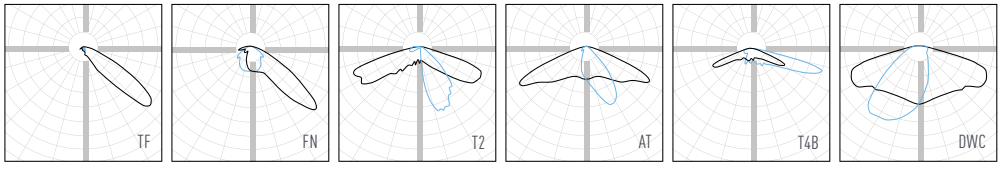
LDC, Light Distribution Curve

LED luminaire ST-SM-50-LDC-CCT-LCP

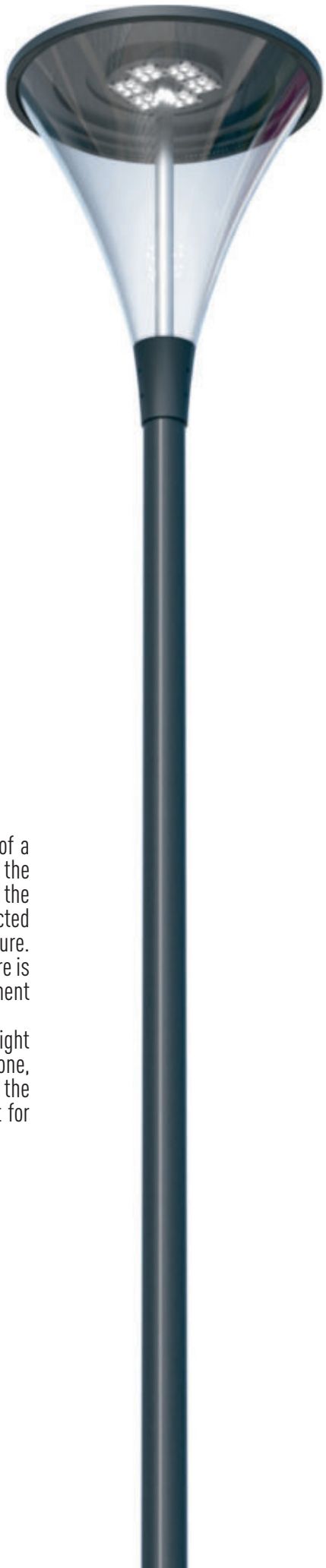




50 W / 20.2 kg



LDC, Light Distribution Curve



FUTURO

Outdoor/park and garden lighting

The design of the luminaire – the image of a futuristic flower from cybernetic parks of the future – is emphasized by the shape of the light source, whose smooth lines are reflected in the optical compartment of the light fixture. In the upper part of the optical module there is a unique light emission system, a development of the Vitrulux engineers.
Due to a special diffusion system the light stream is diffused in the form of a cone, radially from the pole, effectively lighting the working area and providing visual comfort for observers.

Royal park, Saint Petersburg

ST-PD Luminaire Parameters

Rated Power Consumption	25–50 W
Light Output	80/100 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 B
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

Material	aluminium
Mounting	onto a pole
Protective glass	plastic
Recommended height	4–5 m

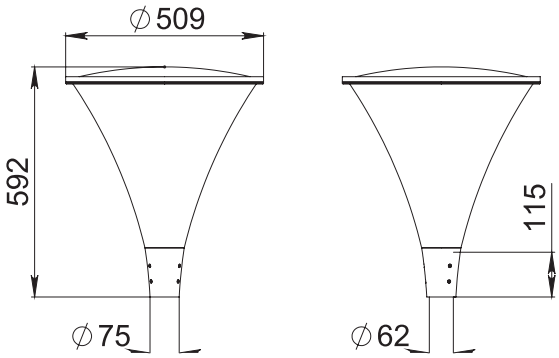
Colour Temperature – Correlated Colour Temperature

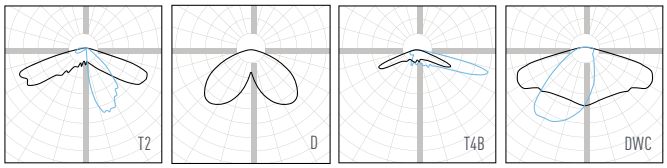
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDI

LED luminaire ST-PD-25-LDC-CCT-LCP

25 W / 11.3 kg

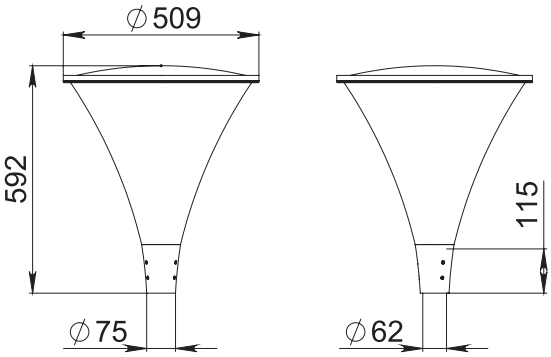


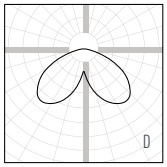


LDC, Light Distribution Curve

LED luminaire ST-PD-50-LDC-CCT-LCP

50 W / 11.3 kg





LDC, Light Distribution Curve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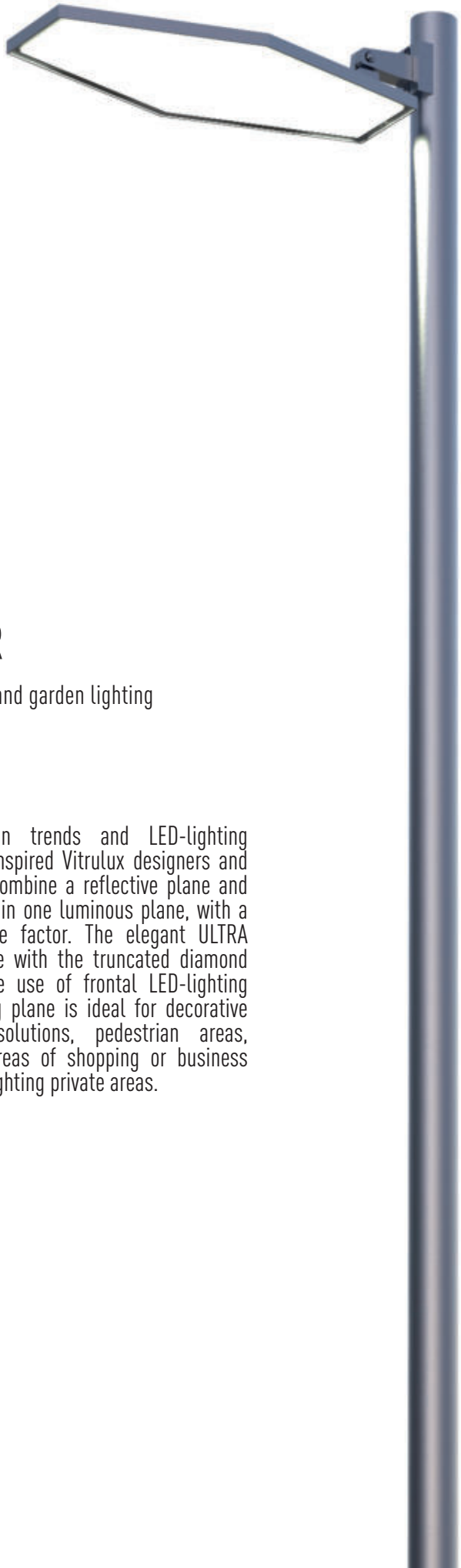


SKYNER

Outdoor/park and garden lighting

Modern design trends and LED-lighting technologies inspired Vitrulux designers and engineers to combine a reflective plane and a light source in one luminous plane, with a minimum glare factor. The elegant ULTRA SLIM luminaire with the truncated diamond shape and the use of frontal LED-lighting of the working plane is ideal for decorative landscaping solutions, pedestrian areas, recreational areas of shopping or business centres, and lighting private areas.

ST-HX Luminaire Parameters

Rated Power Consumption	40 W
Light Output	95 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 B UKHL1 (from –45°C to
Climatic Version	+45°C)
Warranty	5 years

Material	aluminium
Mounting	onto a pole
Protective glass	tempered glass
Recommended height	4–5 m

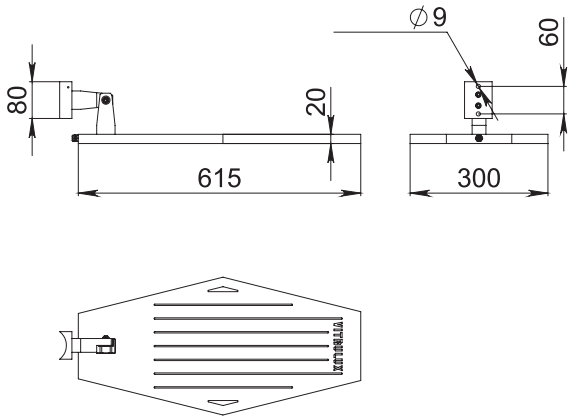
Colour Temperature – Correlated Colour Temperature

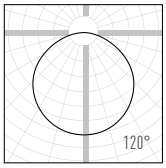
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire ST-HX-40-LDC-CCT-LCP

40 W / 5.7 kg





LDC, Light Distribution Curve

DELTA

Outdoor/park and garden lighting

The engineering elegance of the optical compartment mounting system of the luminaire is combined with the visual lightness of the luminaire in the form of a reflected triangle. The oval-shaped optical module, with bevelled end edges, looks light and modern. The sophisticated LED module creates a circular illumination around the pole. The system's design is characterized by expressed geometrical completeness and can be used for a wide range of applications: from illuminating parks and areas in between buildings to parking lots.

ST-OV Luminaire Parameters

Rated Power Consumption	50 W
Light Output	110 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

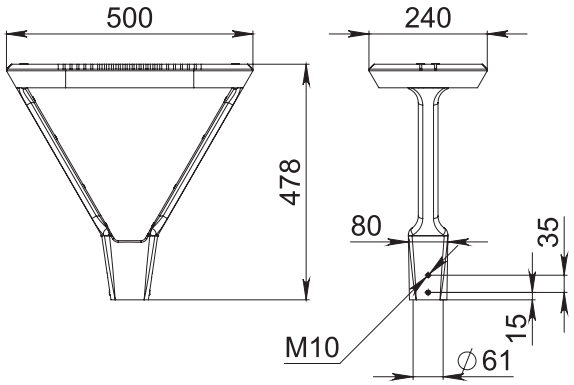
Material	aluminium
Mounting	onto a pole
Protective glass	tempered glass
Recommended height	5–7 m

Colour Temperature – Correlated Colour Temperature

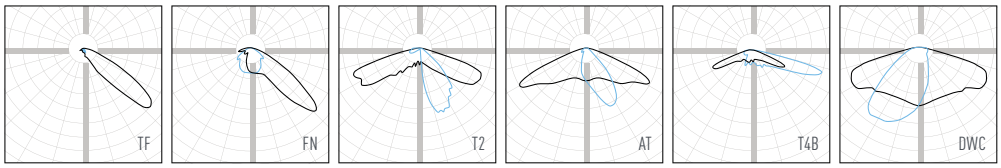
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD i

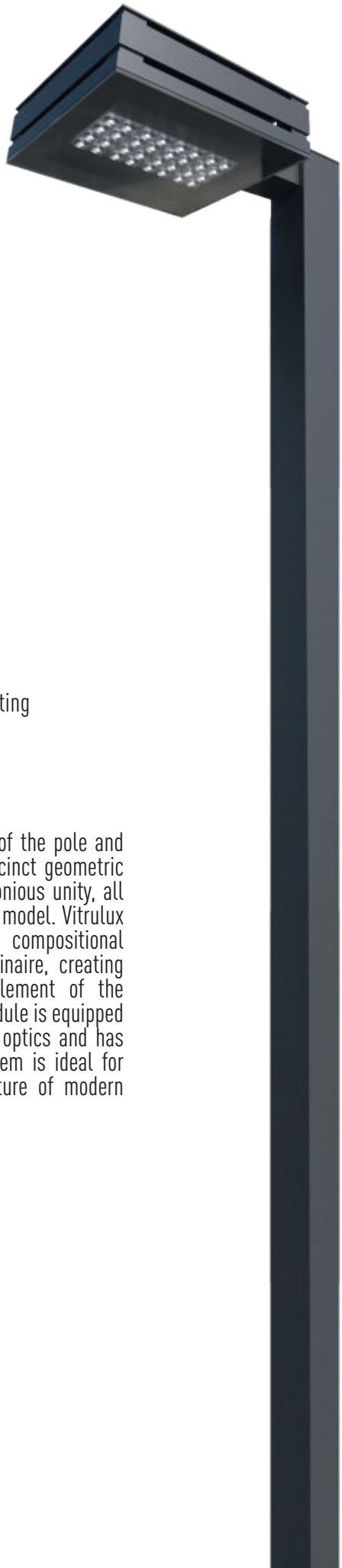
LED luminaire ST-OV-50-LDC-CCT-LCP



50 W / 8.2 kg



LDC, Light Distribution Curve



MUNCHEN

Outdoor/park and garden lighting

The clear lines of the shape of the pole and the optical module, their succinct geometric combination creating a harmonious unity, all this is presented in the ST-BX model. Vitrulux designers emphasized the compositional rectangular form of the luminaire, creating a precise and expressive element of the cityscape. The optical LED module is equipped with sophisticated secondary optics and has a high light output. The system is ideal for integration into the architecture of modern metropolitan areas.

ST-BX Luminaire Parameters

Rated Power Consumption	25–50 W
Light Output	110 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

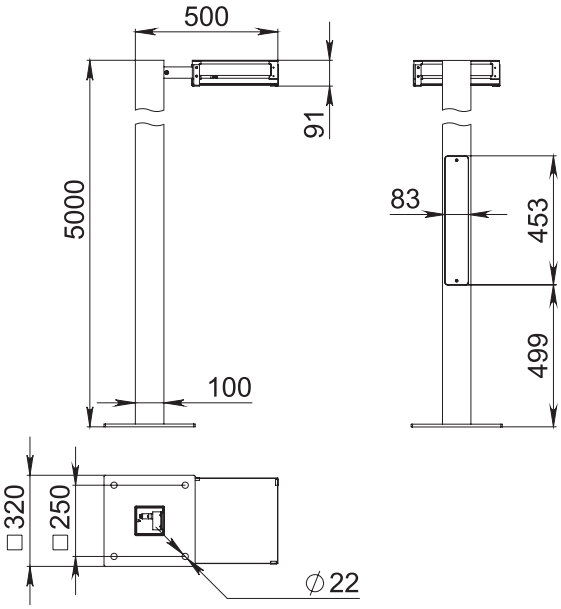
Material	aluminium
Mounting	onto a pole
Protective glass	tempered glass
Recommended height	4–6 m

Colour Temperature – Correlated Colour Temperature

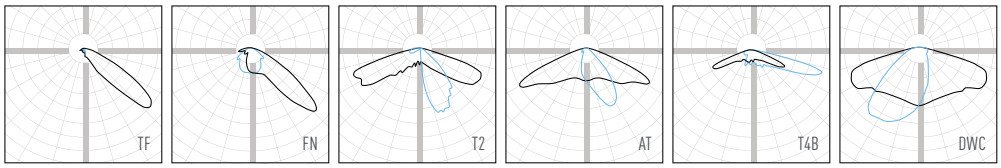
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

Lighting system ST-BX-25-LDC-CCT-LCP

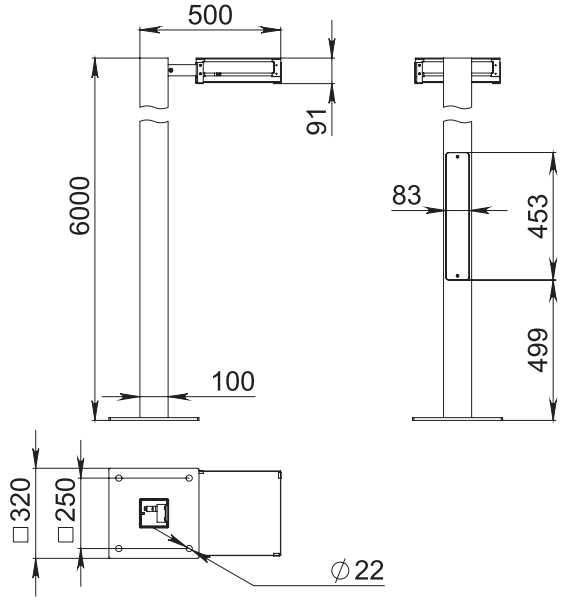


25 W / 5.25 kg (weight of the luminaire)
29.1 kg (weight of the system)

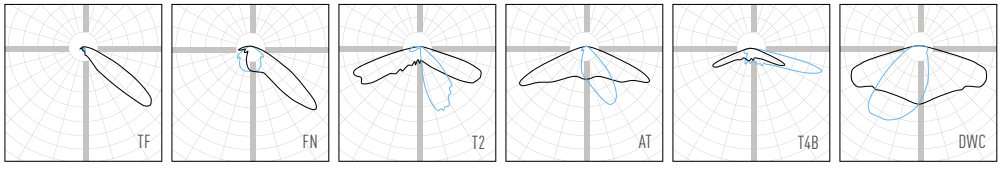


LDC, Light Distribution Curve

Lighting system ST-BX-50-LDC-CCT-LCP



50 W / 5.25 kg (weight of the luminaire)
33.2 kg (weight of the system)



LDC, Light Distribution Curve

BLADE

Outdoor/park and garden lighting

The ultra-thin direct-emission luminaire in subdued industrial design is intended for illuminating roads of various classes, parking areas and pedestrian zones. The triangular-shaped optical module is made with high-performance secondary optics with reduced glare. The top cover of the device has a stylish radiator for passive cooling of the LED-module. The original mount system significantly improves the exterior image of the luminaire, making it expressive from all angles.

ST-TZ Luminaire Parameters

Rated Power Consumption	50–125 W
Light Output	125 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

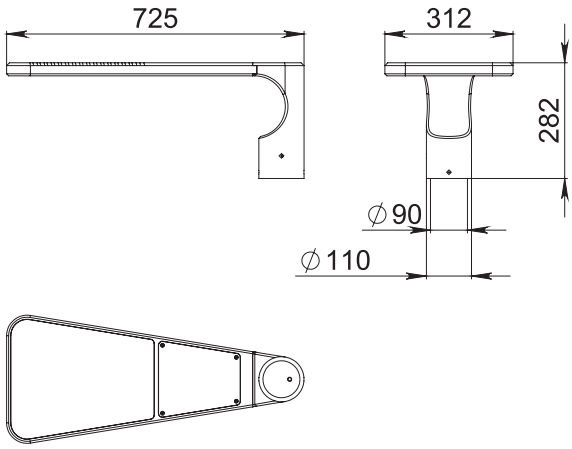
Material	aluminium
Mounting	onto a pole
Protective glass	tempered glass
Recommended height	6–11 m

Colour Temperature – Correlated Colour Temperature

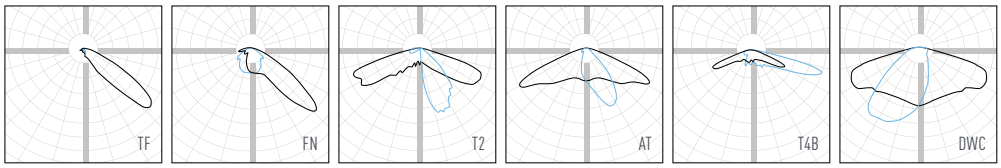
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD+

LED luminaire ST-TZ-50-LDC-CCT-LCP

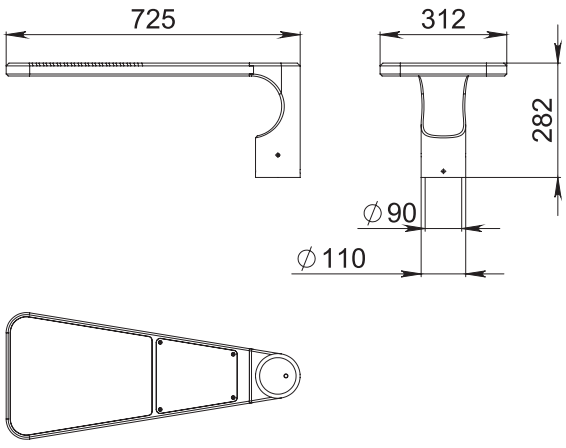


50 W / 11 kg

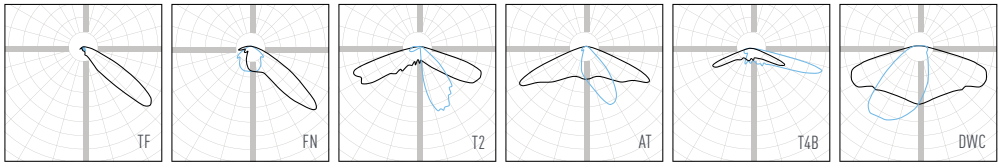


LDC, Light Distribution Curve

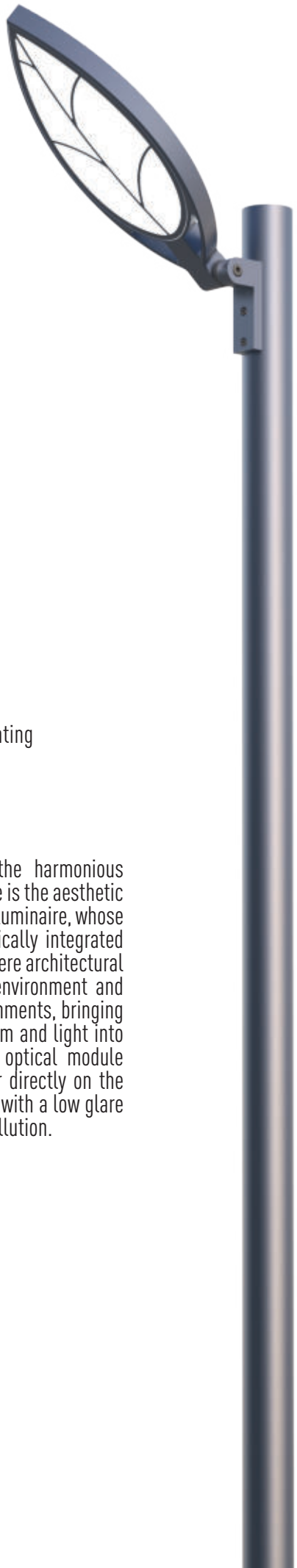
LED luminaire ST-TZ-125-LDC-CCT-LCP



125 W / 12.1 kg



LDC, Light Distribution Curve



LEAF

Outdoor/park and garden lighting

The leaf as a symbol of the harmonious coexistence of man and nature is the aesthetic dominant idea of the ST-LEAF luminaire, whose elegant design can be organically integrated into park landscapes and austere architectural spaces, bringing the urban environment and the environment urban environments, bringing the synergy of the natural form and light into the urban environment. The optical module can be mounted on a pole or directly on the facade, creating a warm light with a low glare effect and preventing light pollution.

Komsomolets park, Kazan

ST-LEAF Luminaire Parameters

Rated Power Consumption	50 W
Light Output	110 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

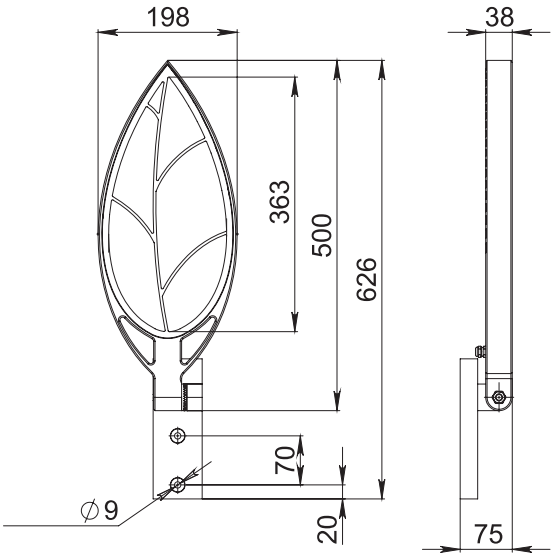
Material	aluminium
Mounting	onto a pole
Protective glass	tempered glass
Recommended height	5–8 m

Colour Temperature – Correlated Colour Temperature

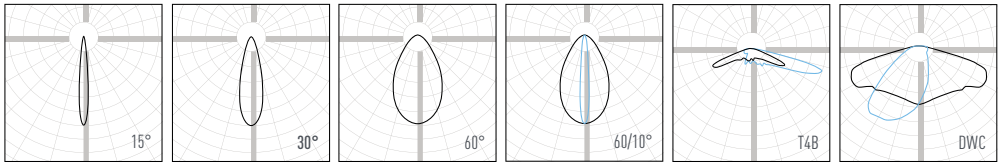
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

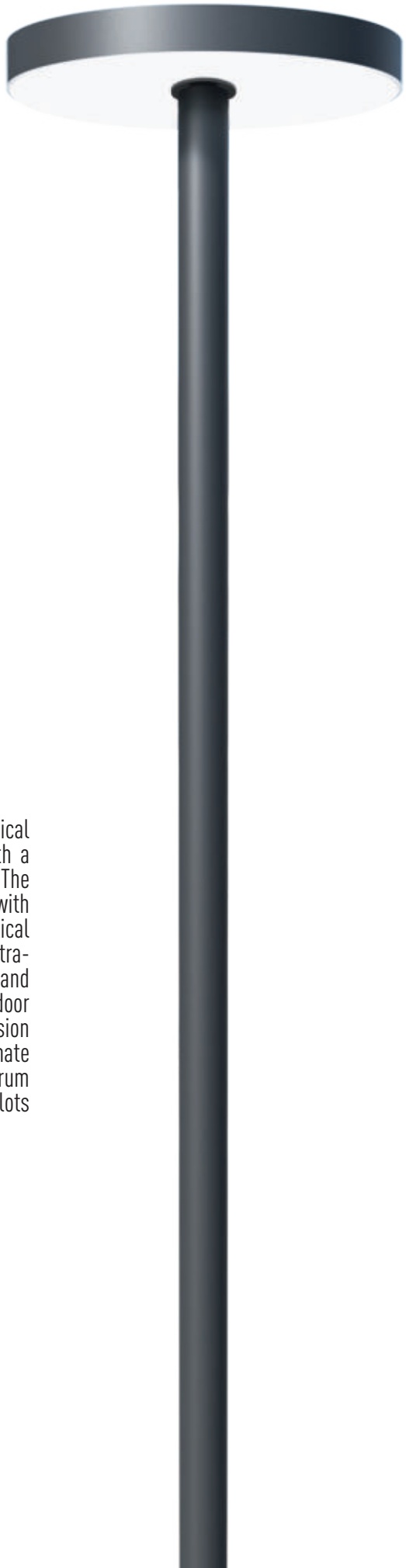
LED luminaire ST-LEAF-50-LDC-CCT-LCP



50 W / 4.7 kg



LDC, Light Distribution Curve



RINGO

Outdoor/park and garden lighting

The ring of light, crowning the dark vertical line of the pole, evokes associations with a space object and technology of the future. The succint design of the luminaire together with the elegant engineering solution of the optical module mounting system makes it look ultra-modern and in line with the current trends and latest developments in the field of outdoor lighting. The luminaire with circular emission of luminous flux is designed to illuminate spaces of the widest functional spectrum from boulevards and gardens to parking lots and technical areas.

ST-DX Luminaire Parameters

Rated Power Consumption	50 W
Light Output	90 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

Material	aluminium
Mounting	onto a pole
Protective glass	tempered glass
Recommended height	4–6 m

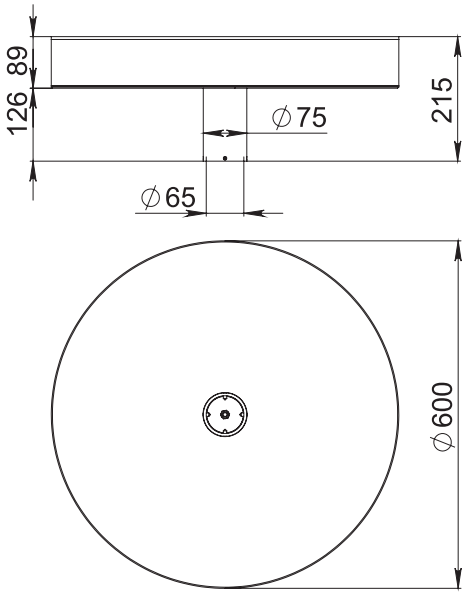
Colour Temperature – Correlated Colour Temperature

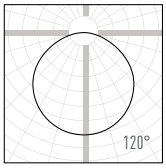
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire ST-DX-50-120-CCT-LCP

50 W / 7.8 kg





LDC, Light Distribution Curve

PIPE

Outdoor/park and garden lighting

The cylinder, as a classic form, has been always relevant in design and is distinguished by its adaptability to any stylistic variations in the landscape or architectural projects. The PIPE spotlight is designed for accent lighting of pedestrian and park areas. The lights are vertically grouped along the axis of the pole, at different levels in relation to each other. The clear geometric lines of the optical module ensure harmonious integration into the stylistically different environments, and effective LED optics creates soft illumination of specified areas of the landscape. Outdoor/ park and garden lighting

ST-TB Luminaire Parameters

Rated Power Consumption	25 W
Light Output	90 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

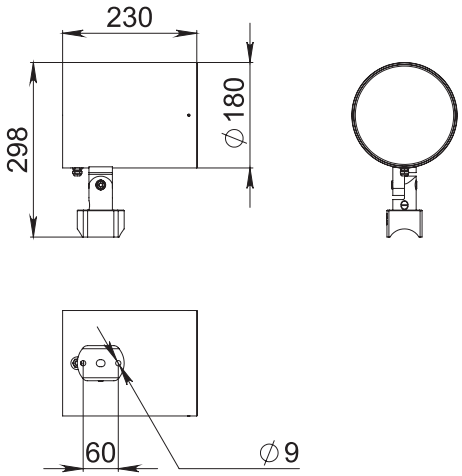
Material	aluminium
Mounting	onto a pole
Protective glass	tempered glass
Recommended height	5–7 m

Colour Temperature – Correlated Colour Temperature

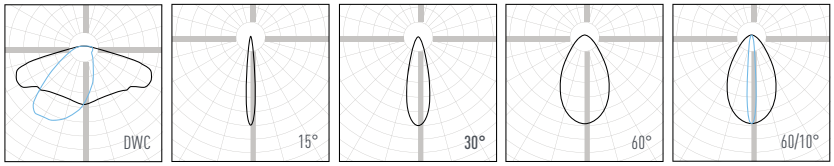
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDI

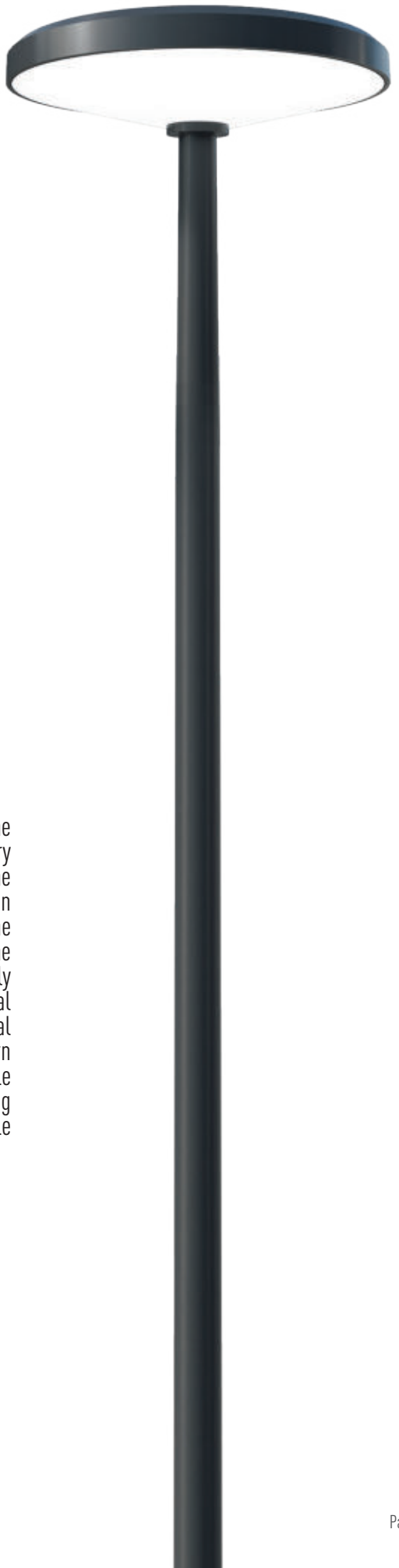
LED luminaire ST-TB-25-LDC-CCT-LCP



25 W / 4 kg



LDC, Light Distribution Curve



SHINE

Outdoor/park and garden lighting

Vitrulux designers were inspired to create the MAXI line of bollards by the most ordinary interior objects. A new perspective on the floor lamp and table lamp is embodied in the original visual solutions, translating the concept of safety and home comfort into the outside world. The model presents a perfectly balanced combination of all structural elements, which makes SHINE an optimal tool for advanced landscape design in modern urban planning projects. The optical module of the luminaire is made with a light-emitting circular plane, creating a comfortable luminous flux around the 'floor lamp.'

ST-VT Luminaire Parameters

Rated Power Consumption	40 W
Light Output	90 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

Material	aluminium
Mounting	onto a pole
Protective glass	plastic
Recommended height	4–6 m

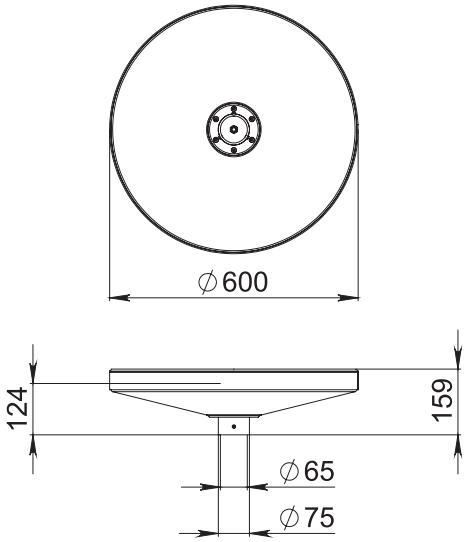
Colour Temperature – Correlated Colour Temperature

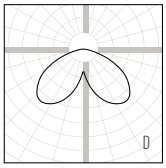
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire ST-VT-40-D-CCT-LCP

40 W / 12.2 kg





LDC, Light Distribution Curve

MADERA WALL

Outdoor/park and garden lighting

The exquisite lines of this classic lantern luminaire create an association with a glass of dessert wine from the Portuguese Madeira Islands. The traditional shape is combined with the modern lightness and succinct lines. The ST series lighting fixtures have proved themselves excellently in park and recreation areas and can also be used for lighting roads in residential areas.

ST-OW Luminaire Parameters

Rated Power Consumption	25 W
Light Output	115 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL –1 (from –45°C to +45°C)
Warranty	5 years

Material	aluminium
Mounting	onto a pole
Protective glass	tampered glass
Recommended height	3–5 m

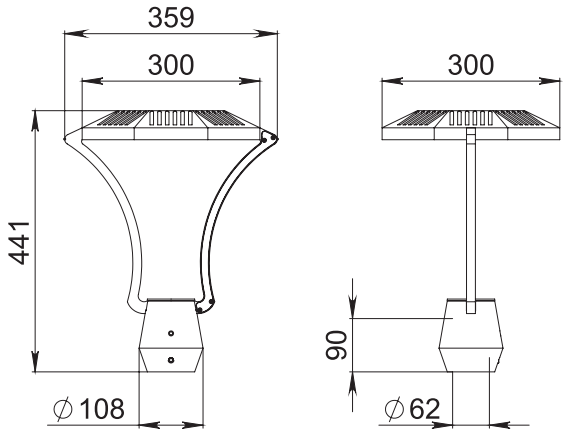
Colour Temperature – Correlated Colour Temperature

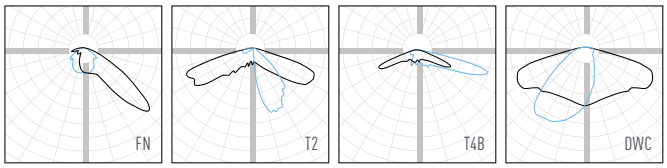
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD+

LED luminaire ST-OW-25-D-CCT-LCP

25 W / 7.7 kg





LDC, Light Distribution Curve

SLOPE

Outdoor/park and garden lighting

"Nothing superfluous" is the golden rule of architectural purism, embodied in the ST-WL facade luminaire. The clear shape with clean edges creates two planes, intertwined like light and shadow. The design of the ultra-slim optical module body and the square base of its wall mount is deliberately functional, as if it were the last evolutionary link from the lantern to the light machine. The optical comfort of LED sources is achieved by the application of advanced secondary optics — a frontal glass with improved technical characteristics.

ST-WL Luminaire Parameters

Rated Power Consumption	50 W
Light Output	135 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

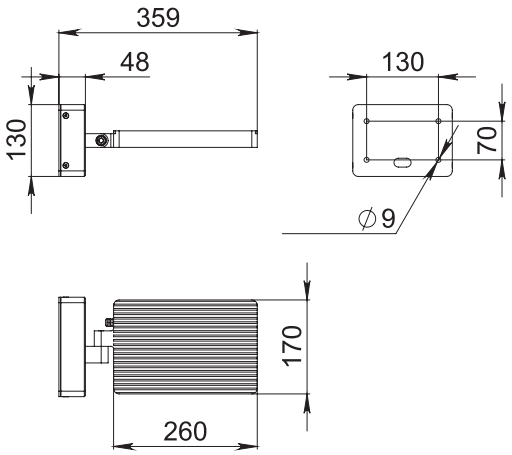
Material	aluminium
Mounting	to the facade
Protective glass	tampered glass
Recommended height	4–6 m

Colour Temperature – Correlated Colour Temperature

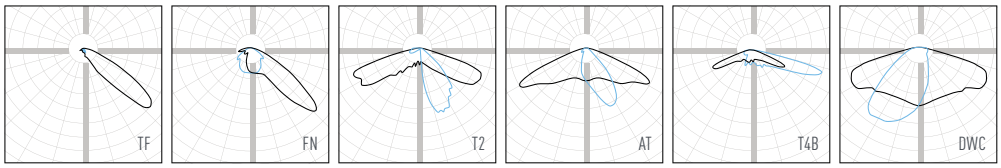
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDi

LED luminaire ST-WL-50-LDC-CCT-LCP



50 W / 6.3 kg



LDC, Light Distribution Curve

LOONAR

Outdoor/park and garden lighting

In the LOONAR luminaires we use the latest development of Vitrulux designers and engineers. It is a unique system based on a frameless lateral face technology of light diffusion. The optical module is made in the form of an ellipse in an ultra-slim body, making the exterior of the system ideal in its perception. An adjustable angle of inclination in the vertical plane makes the system easy to install and adjust the effective angle of illumination. The system looks stylish and modern regardless of the architectural context.

ST-VE Luminaire Parameters

Rated Power Consumption	40 W
Light Output	95 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

Material	aluminium
Mounting	onto a pole
Protective glass	tampered glass
Recommended height	4–5 m

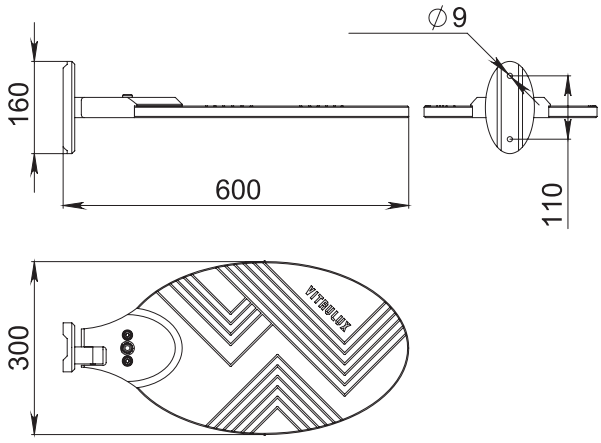
Colour Temperature – Correlated Colour Temperature

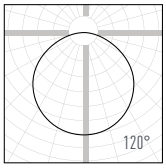
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDI

LED luminaire ST-VE-40-LDC-CCT-LCP

40 W / 6 kg





LDC, Light Distribution Curve

GENESIS

Outdoor/park and garden lighting

The steel lily of the valley with its sturdy stem and non-fading flowers is from the new flora of the modern metropolis. The spotlight is designed for accent lighting of pedestrian and park areas. The light fixtures are vertically grouped along the pole, at different levels in relation to each other. The conical design of the optical module is spectacularly complemented by radial cooling grooves of the radiator. The efficient LED optics creates soft lighting in the selected areas of the landscape, forming a distinctive visual effect and a contrast between the illuminated objects and the background.

ST-BL Luminaire Parameters

Rated Power Consumption	25–40 W
Light Output	95 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/ 5
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

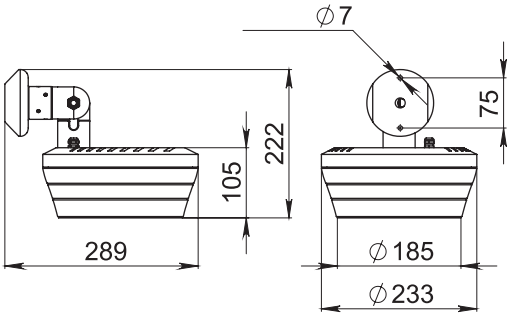
Material	aluminium
Mounting	onto a pole
Protective glass	tampered glass
Recommended height	5–11 m

Colour Temperature – Correlated Colour Temperature

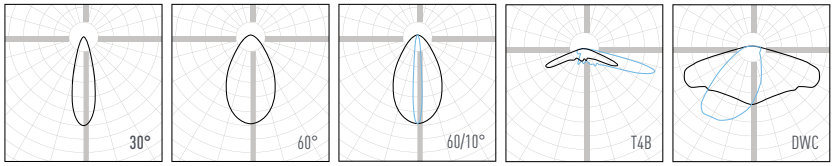
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · be DMX · ZDI

LED luminaire ST-BL-25-LDC-CCT-LCP

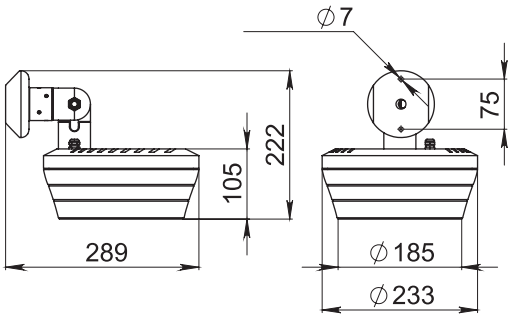


25 W / 5.35 kg

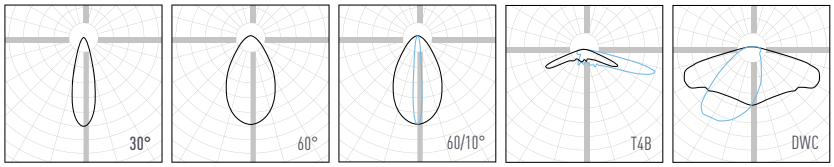


LDC, Light Distribution Curve

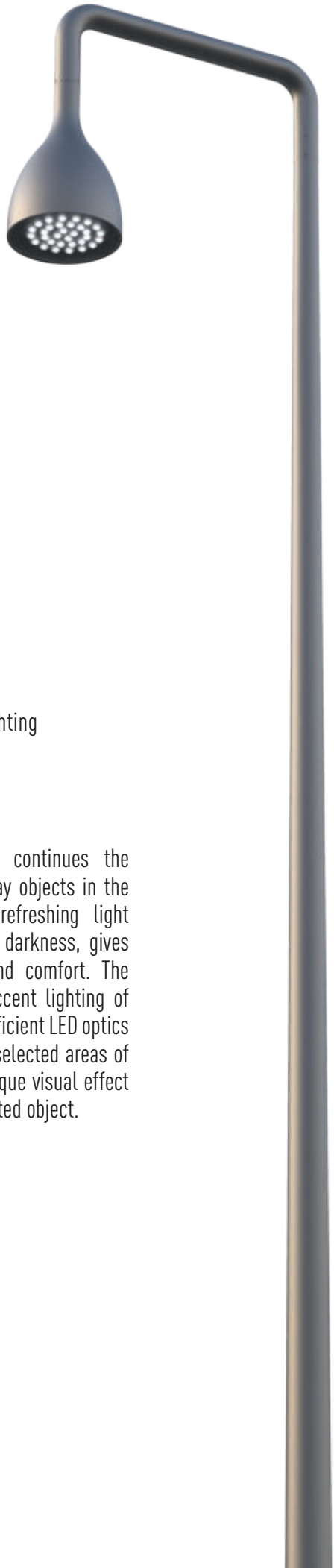
LED luminaire ST-BL-40-LDC-CCT-LCP



40 W / 5.35 kg



LDC, Light Distribution Curve



KUGA

Outdoor/park and garden lighting

The stylish LED luminaire continues the concept of installing everyday objects in the outside environment. The refreshing light shower, as if dispelling the darkness, gives a sense of visual purity and comfort. The luminaire is designed for accent lighting of pedestrian and park areas. Efficient LED optics creates soft illumination of selected areas of the landscape, forming a unique visual effect and highlighting the illuminated object.

ST-RS Luminaire Parameters

Rated Power Consumption	20–50 W
Light Output	120 lm/W
Shock Resistance Class	IK 08
Colour Rendering Index (CRI)	⩾ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

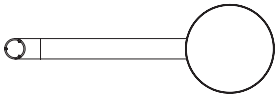
Material	aluminium
Mounting	onto a pole
Protective glass	tampered glass
Recommended height	5–6 m

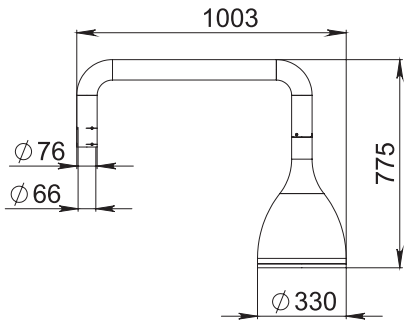
Colour Temperature – Correlated Colour Temperature

01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

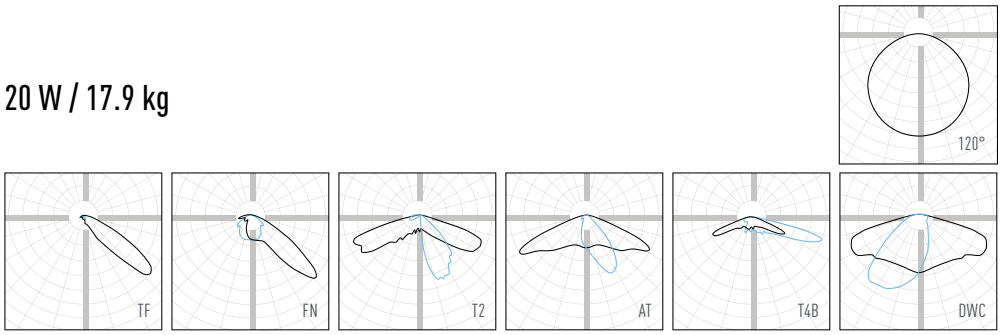
CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD i

LED luminaire ST-RS-20-LDC-CCT-LCP



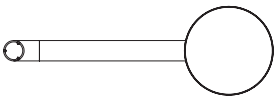


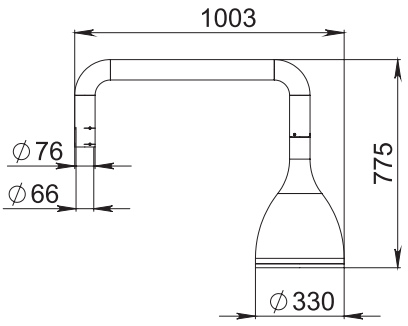
20 W / 17.9 kg



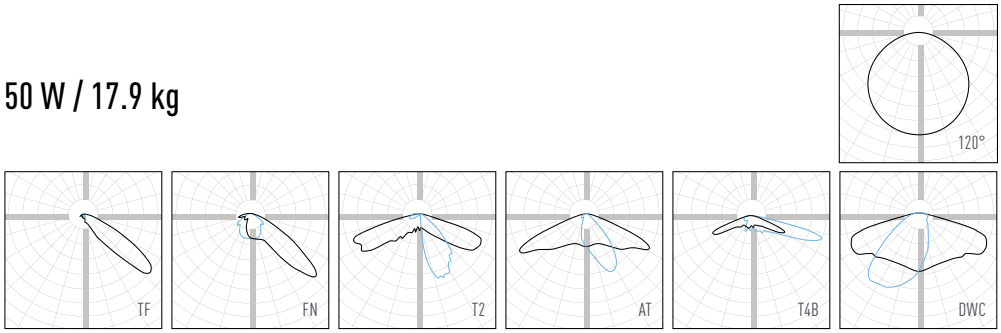
LDC, Light Distribution Curve

LED luminaire ST-RS-50-LDC-CCT-LCP

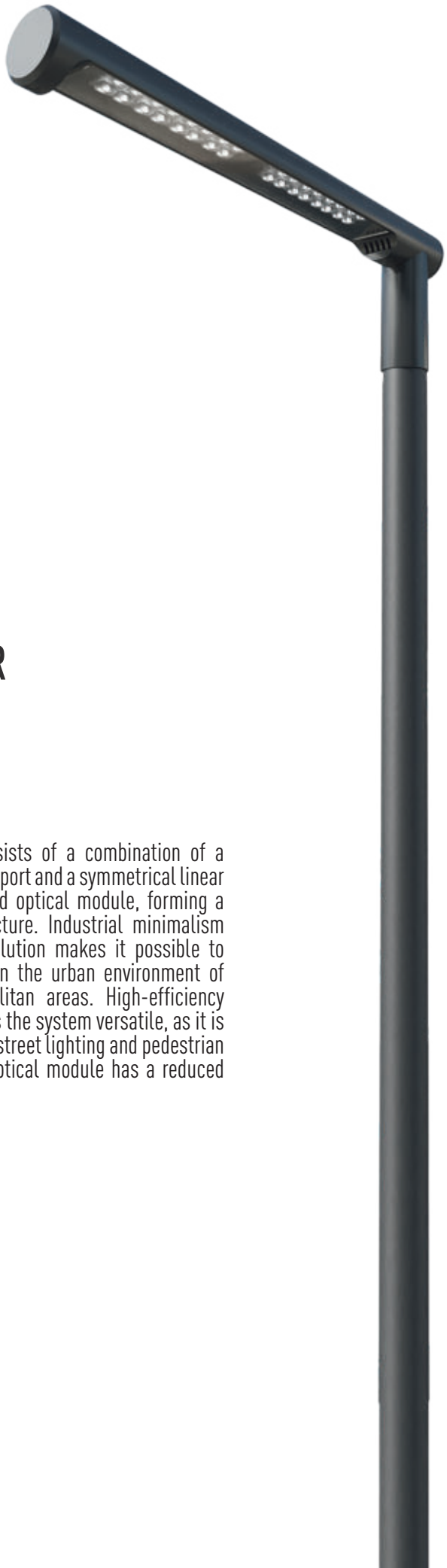




50 W / 17.9 kg



LDC, Light Distribution Curve



TUBULAR

Street lighting

The system consists of a combination of a round conical support and a symmetrical linear two- or one-sided optical module, forming a classic T/L structure. Industrial minimalism of the design solution makes it possible to use this model in the urban environment of modern metropolitan areas. High-efficiency LED optics makes the system versatile, as it is suitable both for street lighting and pedestrian crossings. The optical module has a reduced level of glare.

Параметры светильника ST-TL

Rated Power Consumption	25–100 W
Light Output	120 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

Material	aluminium
Mounting	onto a pole
Protective glass	tampered glass
Recommended height	4–7 m

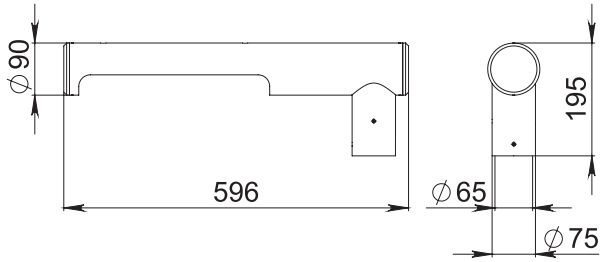
Colour Temperature – Correlated Colour Temperature

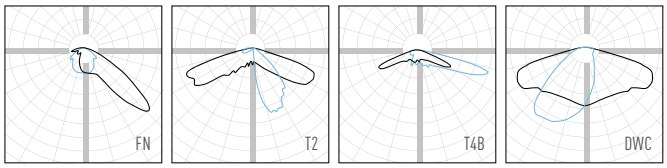
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD i

LED luminaire ST-TL-25-LDC-CCT-LCP

25 W / 3 kg

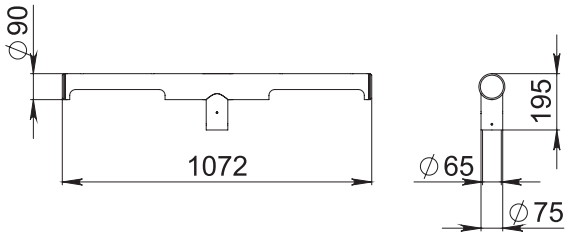


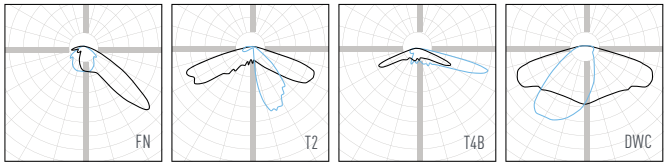


LDC, Light Distribution Curve

LED luminaire ST-TL-2x25-LDC-CCT-LCP

50 W / 4.6 kg

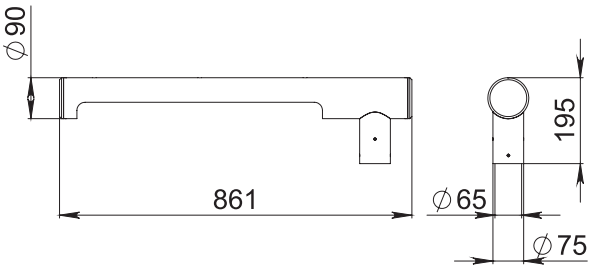


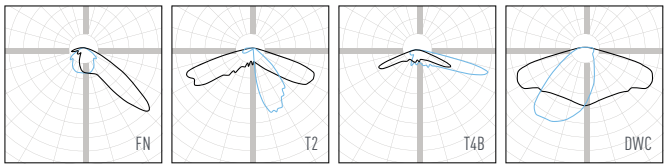


LDC, Light Distribution Curve

LED luminaire ST-TL-50-LDC-CCT-LCP

50 W / 3.8 kg

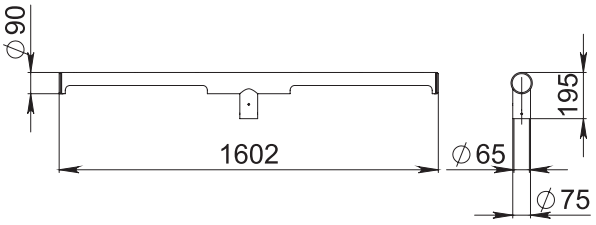


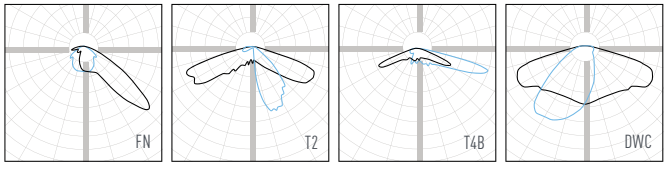


LDC, Light Distribution Curve

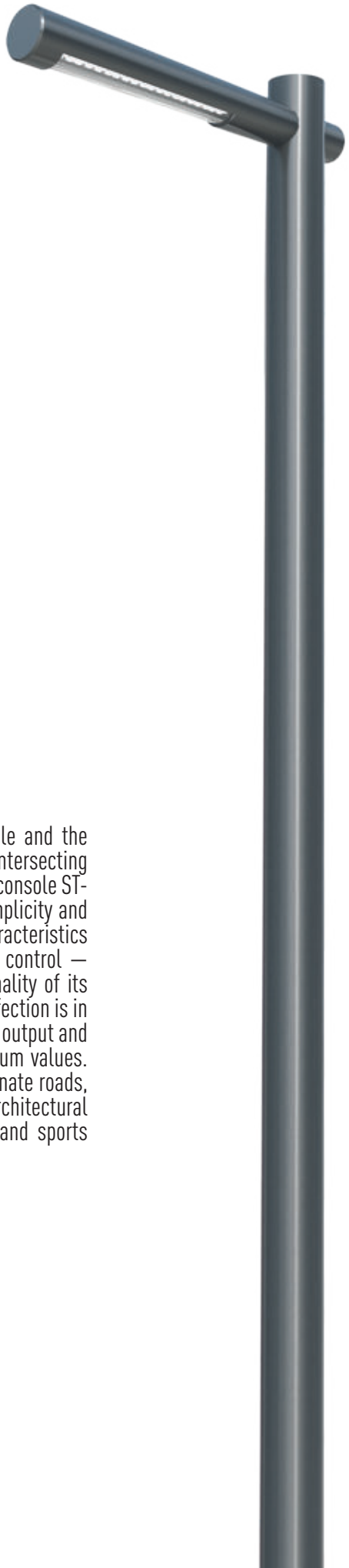
LED luminaire ST-TL-2x50-LDC-CCT-LCP

100 W / 7.2 kg





LDC, Light Distribution Curve



ANGULAR

Street lighting

Lines and light: the optical module and the pole create a uniform silhouette of intersecting lines. The expressive design of the console ST-LN luminaire is achieved by its simplicity and concise lines; and technical characteristics — luminous efficacy and comfort control — reach maximum values. The originality of its form is in its simplicity, and its perfection is in the optical module, where the light output and comfort control reach their maximum values. The luminaire is designed to illuminate roads, pedestrian crossings, park areas, architectural vistas and buildings of business and sports centres.

ST-LN Luminaire Parameters

Rated Power Consumption	25–100 W
Light Output	130 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

Material	aluminium
Mounting	onto a pole
Protective glass	plastic
Recommended height	4–7 m

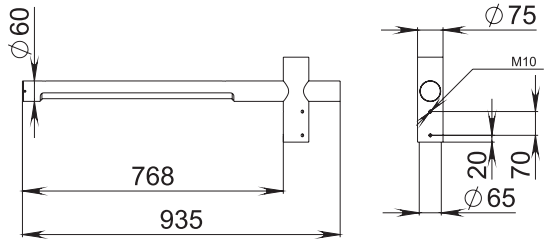
Colour Temperature – Correlated Colour Temperature

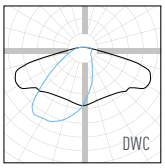
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDi

LED luminaire ST-LN-25-DWC-CCT-LCP

25 W / 3.2 kg

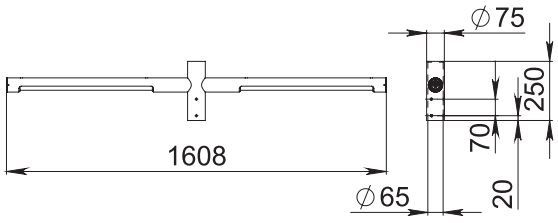


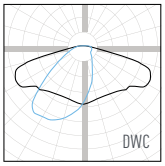


LDC, Light Distribution Curve

LED luminaire ST-LN-2x25-DWC-CCT-LCP

50 W / 5,3 kg

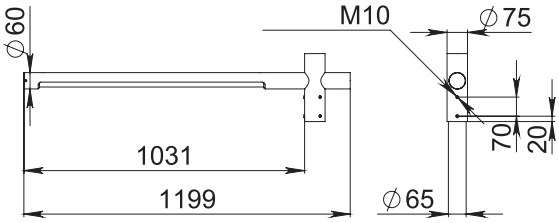


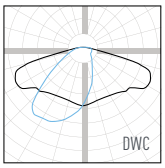


LDC, Light Distribution Curve

LED luminaire ST-LN-50-DWC-CCT-LCP

50 W / 4 kg

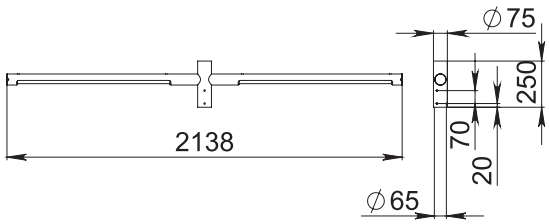


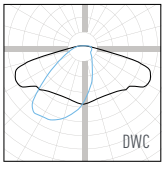


LDC, Light Distribution Curve

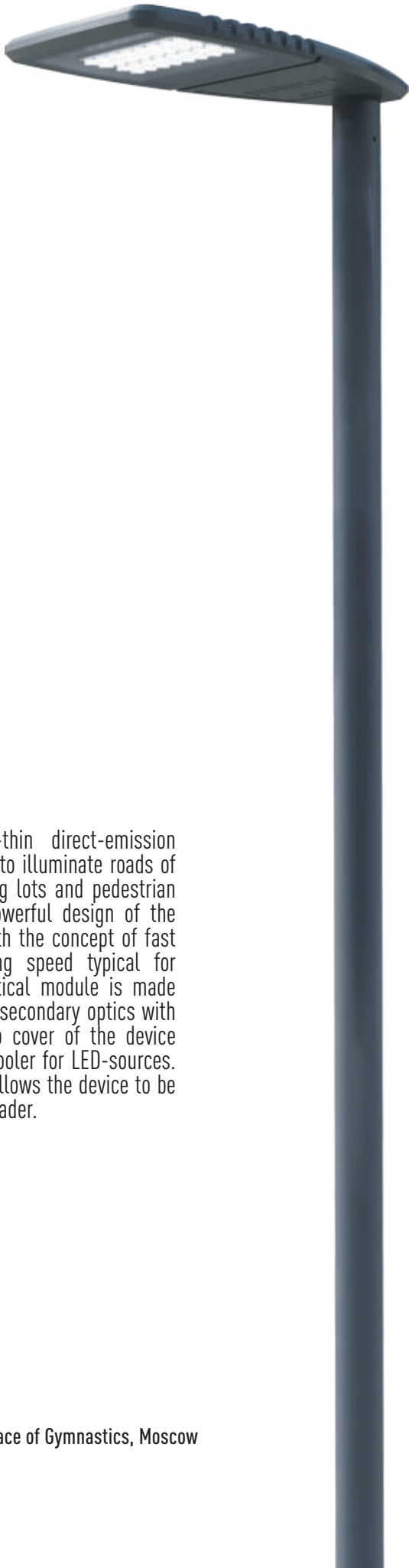
LED luminaire ST-LN-2x50-DWC-CCT-LCP

100 W / 6.9 kg





LDC, Light Distribution Curve



ENGINE TOP

Street lighting

The family of ultra-thin direct-emission luminaires is designed to illuminate roads of various classes, parking lots and pedestrian areas. The dynamic powerful design of the model is consistent with the concept of fast pace and breath-taking speed typical for modern cities. The optical module is made with high-performance secondary optics with reduced glare. The top cover of the device has a stylish passive cooler for LED-sources. The mounting system allows the device to be mounted on the pole header.

Irina Viner-Usmanova Palace of Gymnastics, Moscow

ST-A Luminaire Parameters

Rated Power Consumption	50–200 W
Light Output	125 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

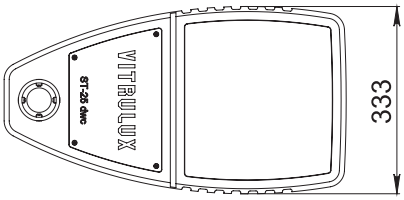
Material	aluminium
Mounting	onto a pole
Protective glass	tampered glass
Recommended height	6–12 m

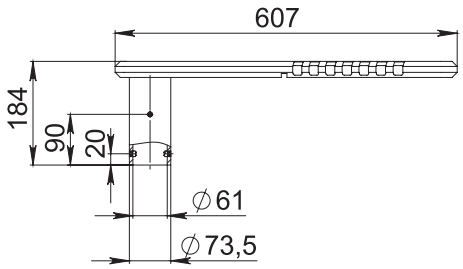
Colour Temperature – Correlated Colour Temperature

01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

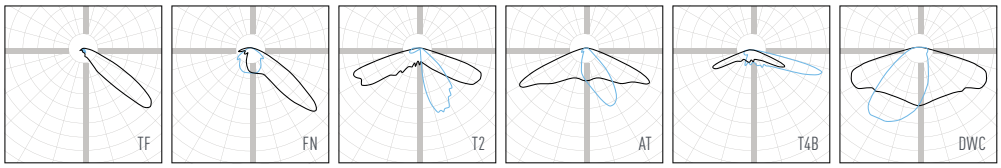
CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire ST-A-50-LDC-CCT-LCP



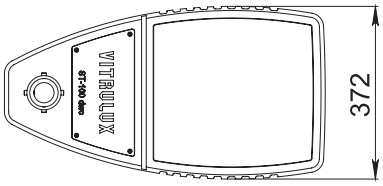


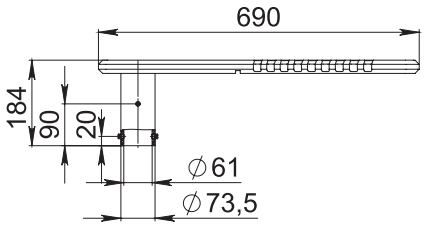
50 W / 9.6 kg



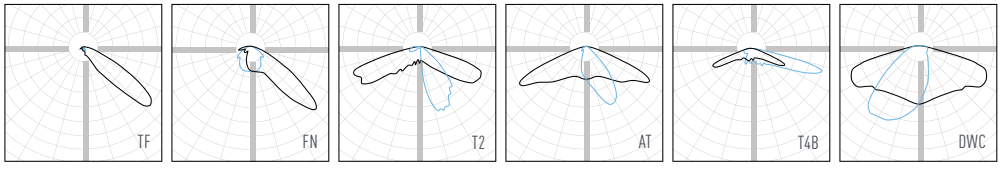
LDC, Light Distribution Curve

LED luminaire ST-A-100-LDC-CCT-LCP



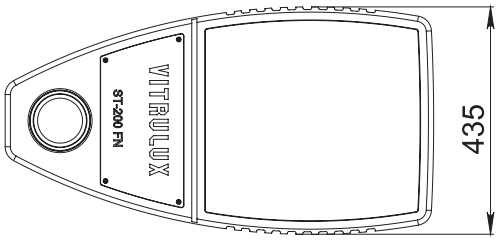


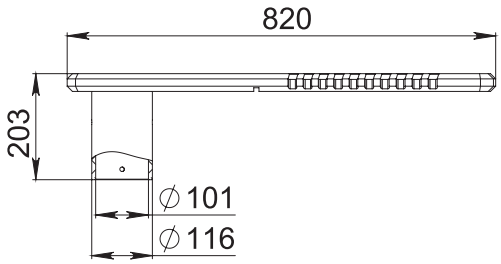
100 W / 11.9 kg



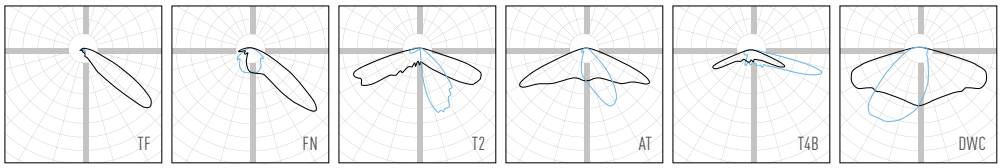
LDC, Light Distribution Curve

LED luminaire ST-A-150-LDC-CCT-LCP



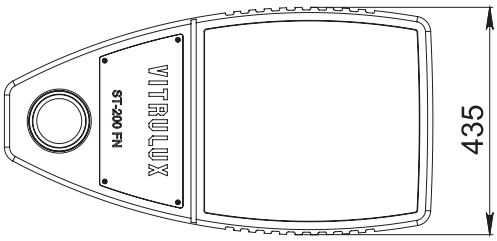


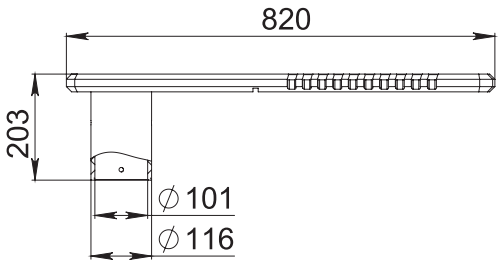
150 W / 12 kg



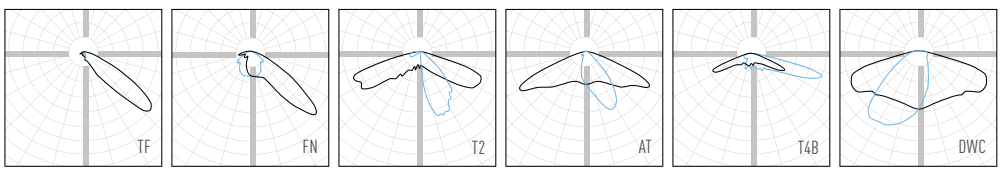
LDC, Light Distribution Curve

LED luminaire ST-A-200-LDC-CCT-LCP



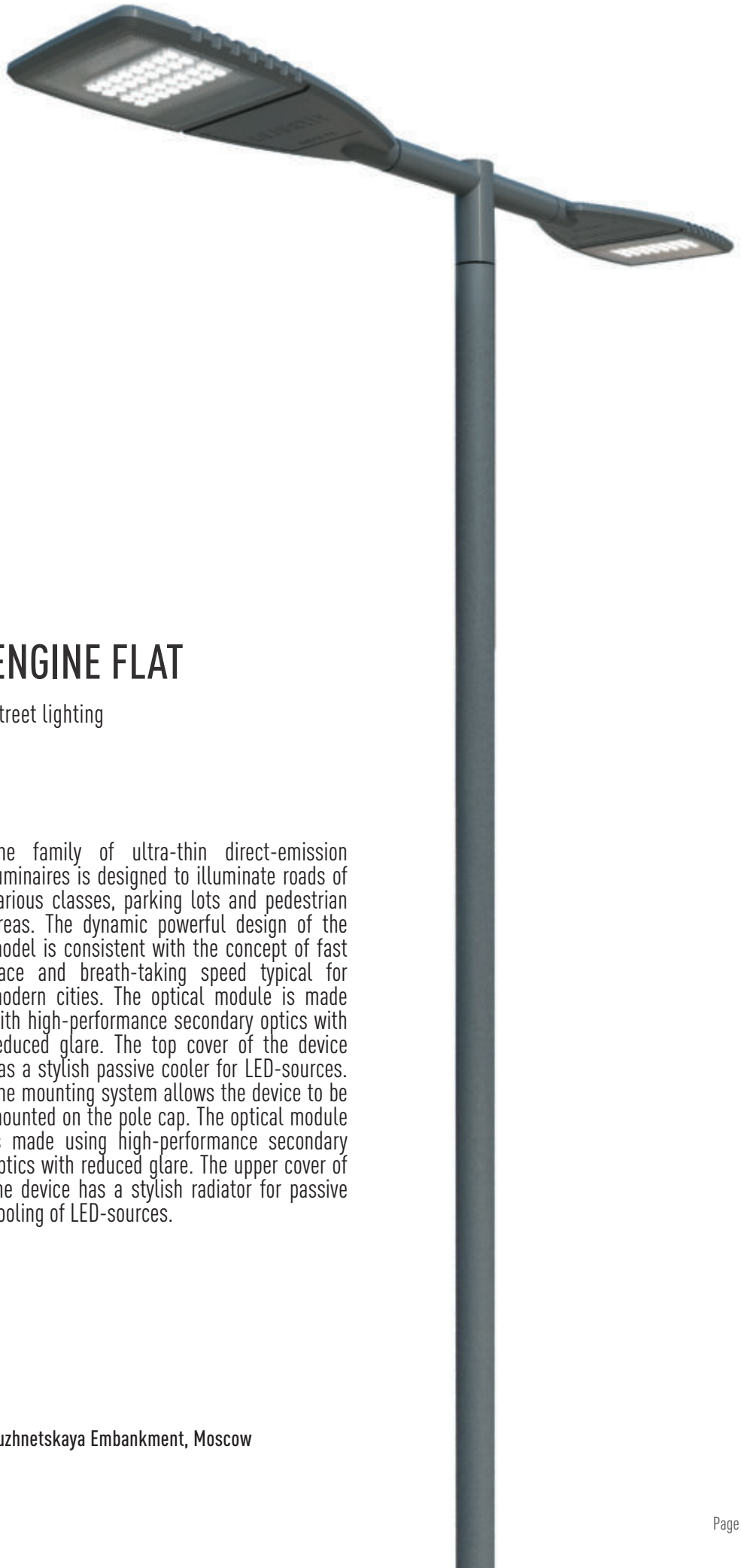


200 W / 12 kg



LDC, Light Distribution Curve


МАССАЖ
И СПА
ЛЕТО
В ЛУЖНИКАХ



ENGINE FLAT

Street lighting

The family of ultra-thin direct-emission luminaires is designed to illuminate roads of various classes, parking lots and pedestrian areas. The dynamic powerful design of the model is consistent with the concept of fast pace and breath-taking speed typical for modern cities. The optical module is made with high-performance secondary optics with reduced glare. The top cover of the device has a stylish passive cooler for LED-sources. The mounting system allows the device to be mounted on the pole cap. The optical module is made using high-performance secondary optics with reduced glare. The upper cover of the device has a stylish radiator for passive cooling of LED-sources.

Luzhnetskaya Embankment, Moscow

ST-W Luminaire Parameters

Rated Power Consumption	50–200 W
Light Output	125 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

Material	aluminium
Mounting	onto a pole
Protective glass	tampered glass
Recommended height	6–12 m

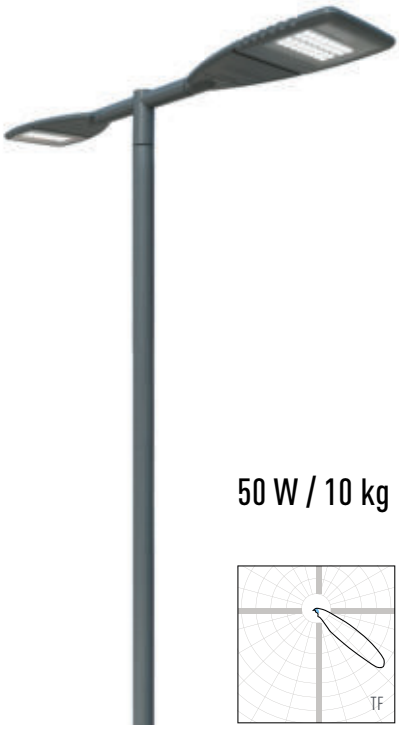
Fixing points can be modified to fit any support/bracket

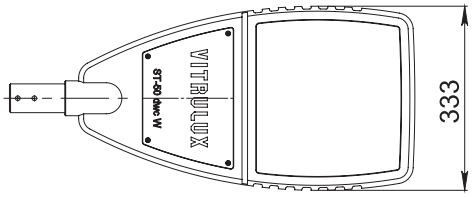
Colour Temperature – Correlated Colour Temperature

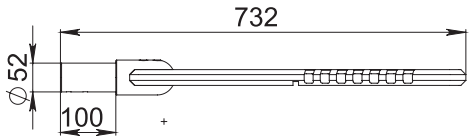
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD+

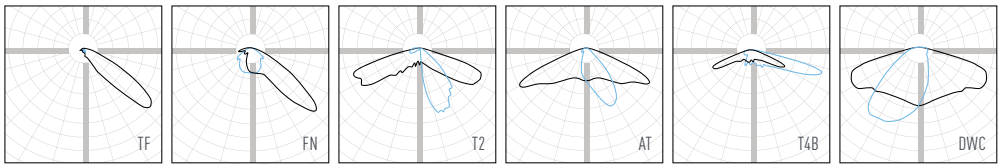
LED luminaire ST-W-50-LDC-CCT-LCP





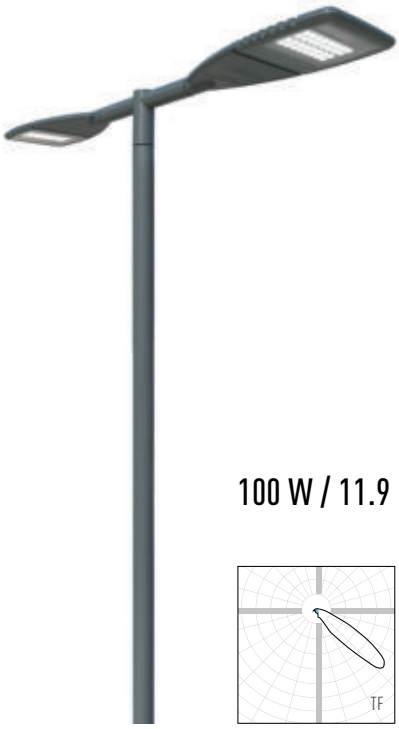


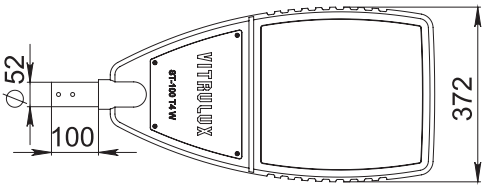
50 W / 10 kg

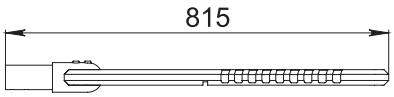


LDC, Light Distribution Curve

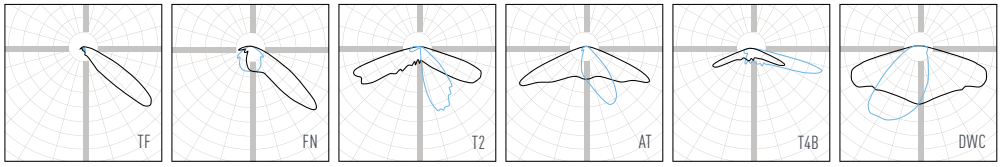
LED luminaire ST-W-100-LDC-CCT-LCP







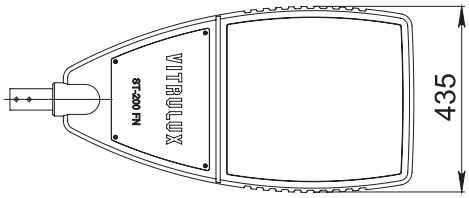
100 W / 11.9 kg

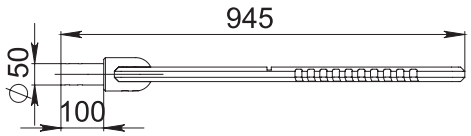


LDC, Light Distribution Curve

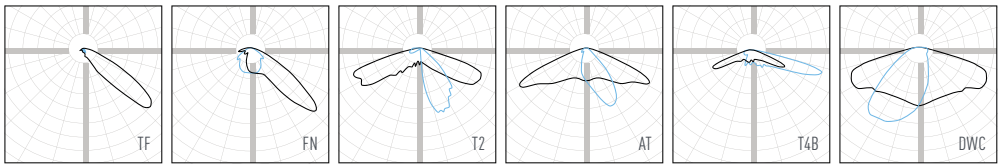

БОКС
ЛЕТО
В ЛУЖНИКАХ
Дворец спорта
Palace of Sport
P10...P15
Малая арена
Malaya Arena
Bolshaya Arena
Мультиспорт
Multisport
80м

LED luminaire ST-W-150-LDC-CCT-LCP



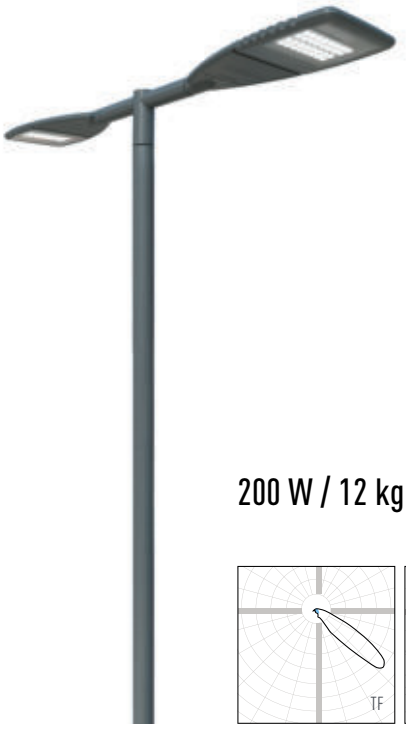


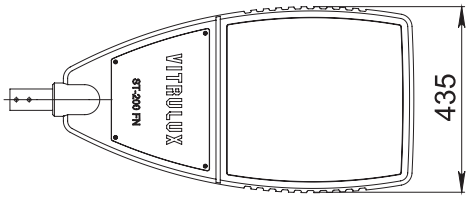
150 W / 12 kg

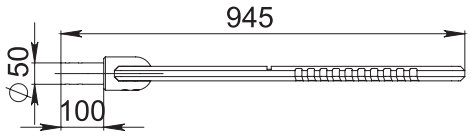


LDC, Light Distribution Curve

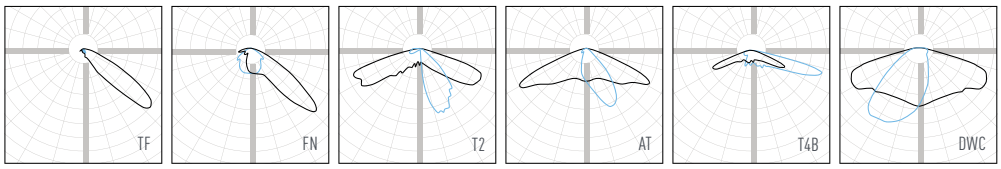
LED luminaire ST-W-200-LDC-CCT-LCP



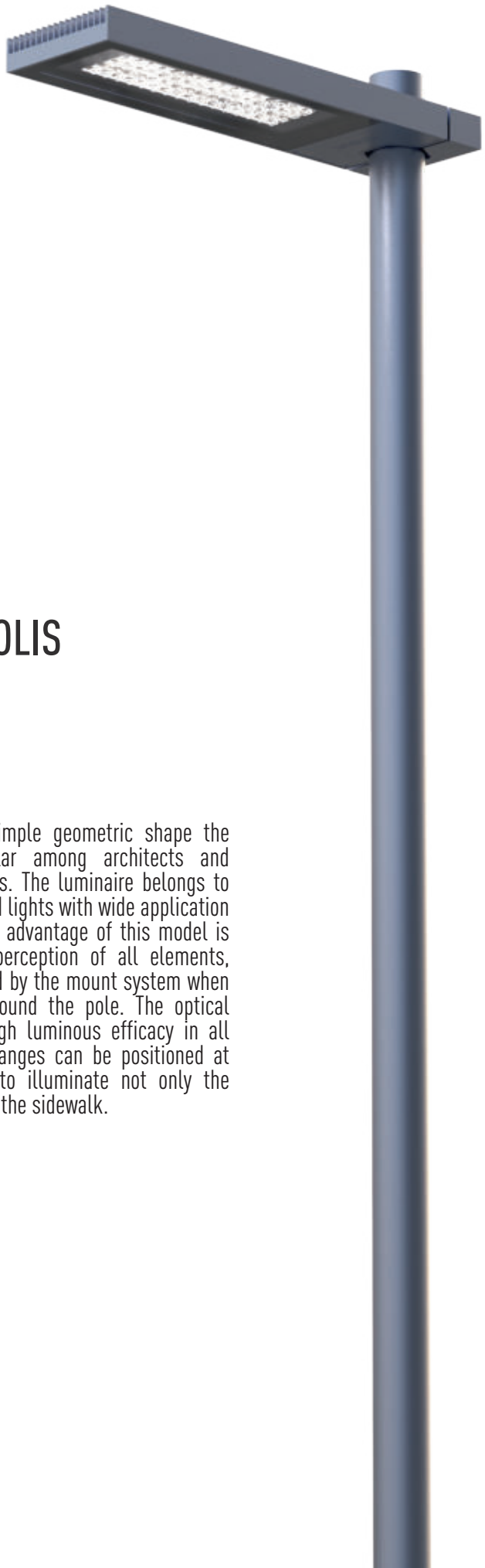




200 W / 12 kg



LDC, Light Distribution Curve



METROPOLIS

Street lighting

Thanks to its simple geometric shape the model is popular among architects and lighting engineers. The luminaire belongs to the family of road lights with wide application possibilities. The advantage of this model is the monolithic perception of all elements, which is achieved by the mount system when the device is around the pole. The optical modules with high luminous efficacy in all nominal power ranges can be positioned at different levels to illuminate not only the roadway but also the sidewalk.

ST-PH Luminaire Parameters

Rated Power Consumption	25–200 W
Light Output	125 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

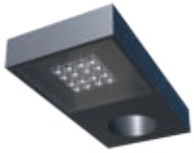
Material	aluminium
Mounting	onto a pole
Protective glass	tampered glass
Recommended height	5–12 m
If using two or more luminaires	onto a pole of STL-R type

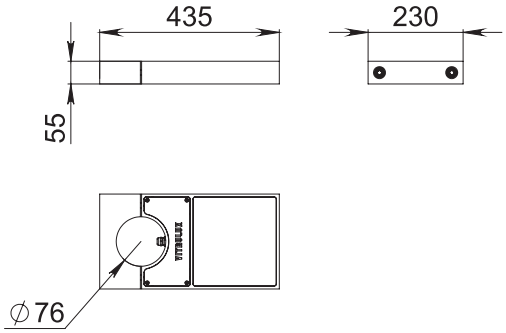
Colour Temperature – Correlated Colour Temperature

01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

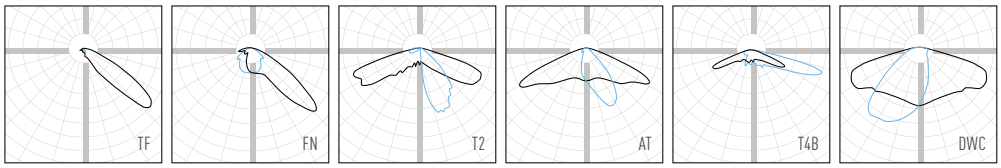
CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · be DMX · ZD

LED luminaire ST-PH-25-LDC-CCT-LCP



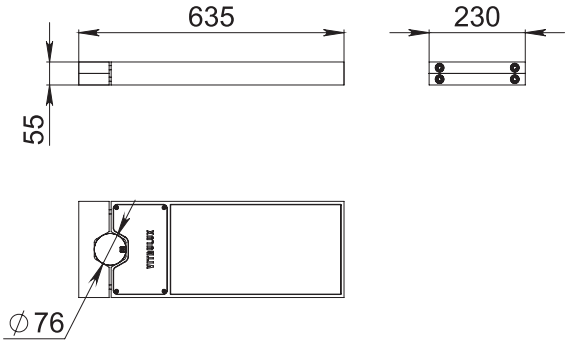


25 W / 7 kg

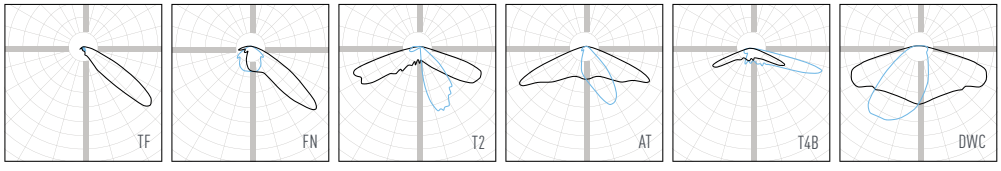


LDC, Light Distribution Curve

LED luminaire ST-PH-50-LDC-CCT-LCP

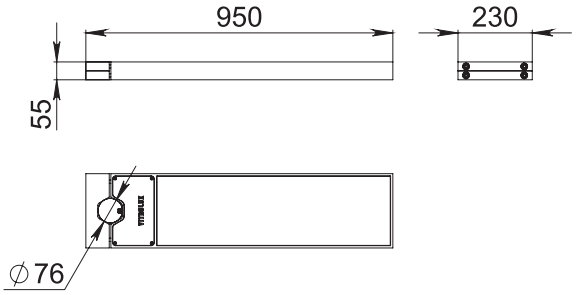


50 W / 9.9 kg

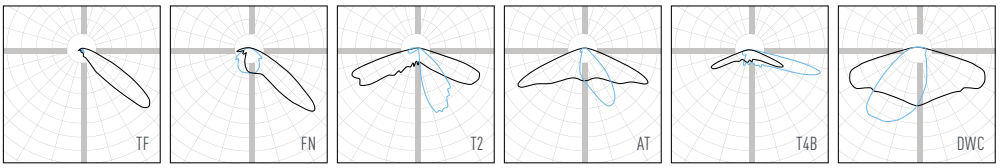


LDC, Light Distribution Curve

LED luminaire ST-PH-75-LDC-CCT-LCP

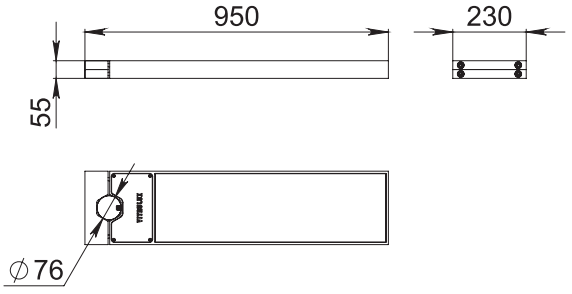


75 W / 9.7 kg

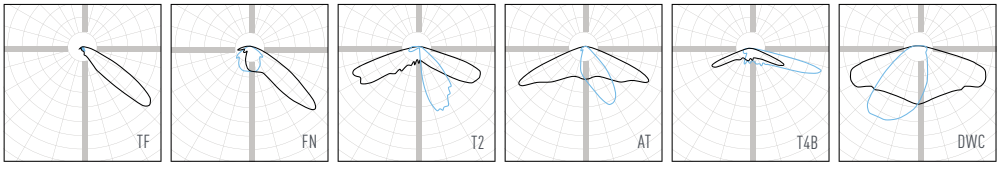


LDC, Light Distribution Curve

LED luminaire ST-PH-100-LDC-CCT-LCP

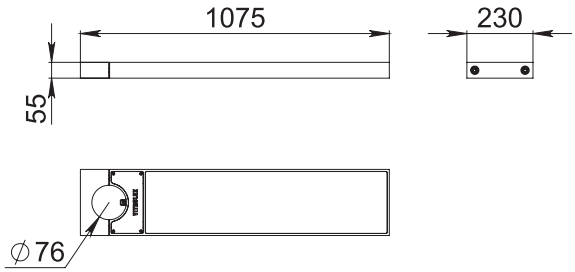


100 W / 12.3 kg

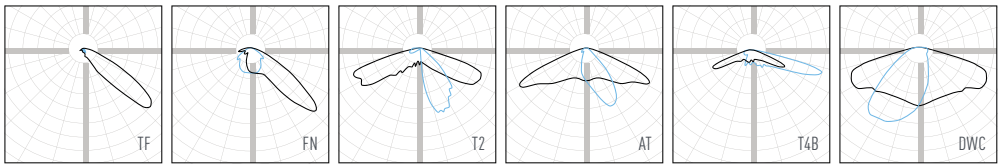


LDC, Light Distribution Curve

LED luminaire ST-PH-125-LDC-CCT-LCP

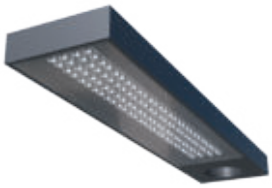


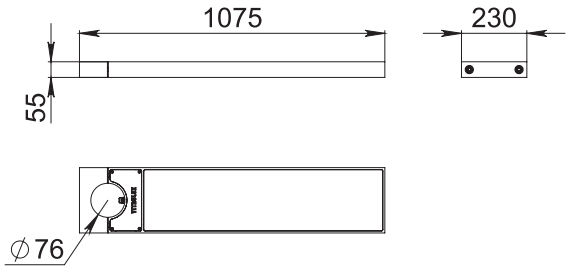
125 W / 12.4 kg



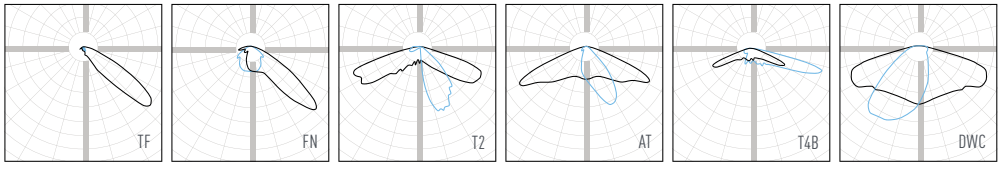
LDC, Light Distribution Curve

LED luminaire ST-PH-150-LDC-CCT-LCP



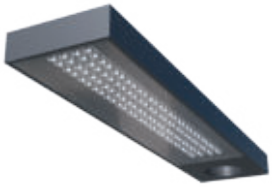


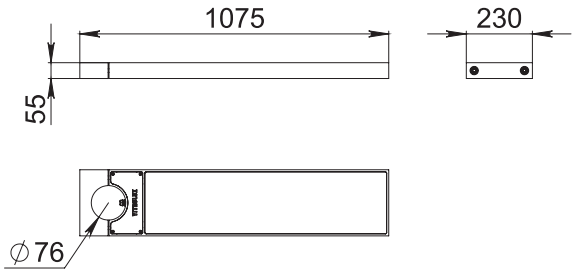
150 W / 15 kg



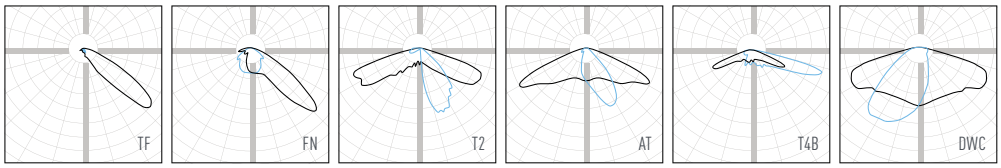
LDC, Light Distribution Curve

LED luminaire ST-PH-200-LDC-CCT-LCP

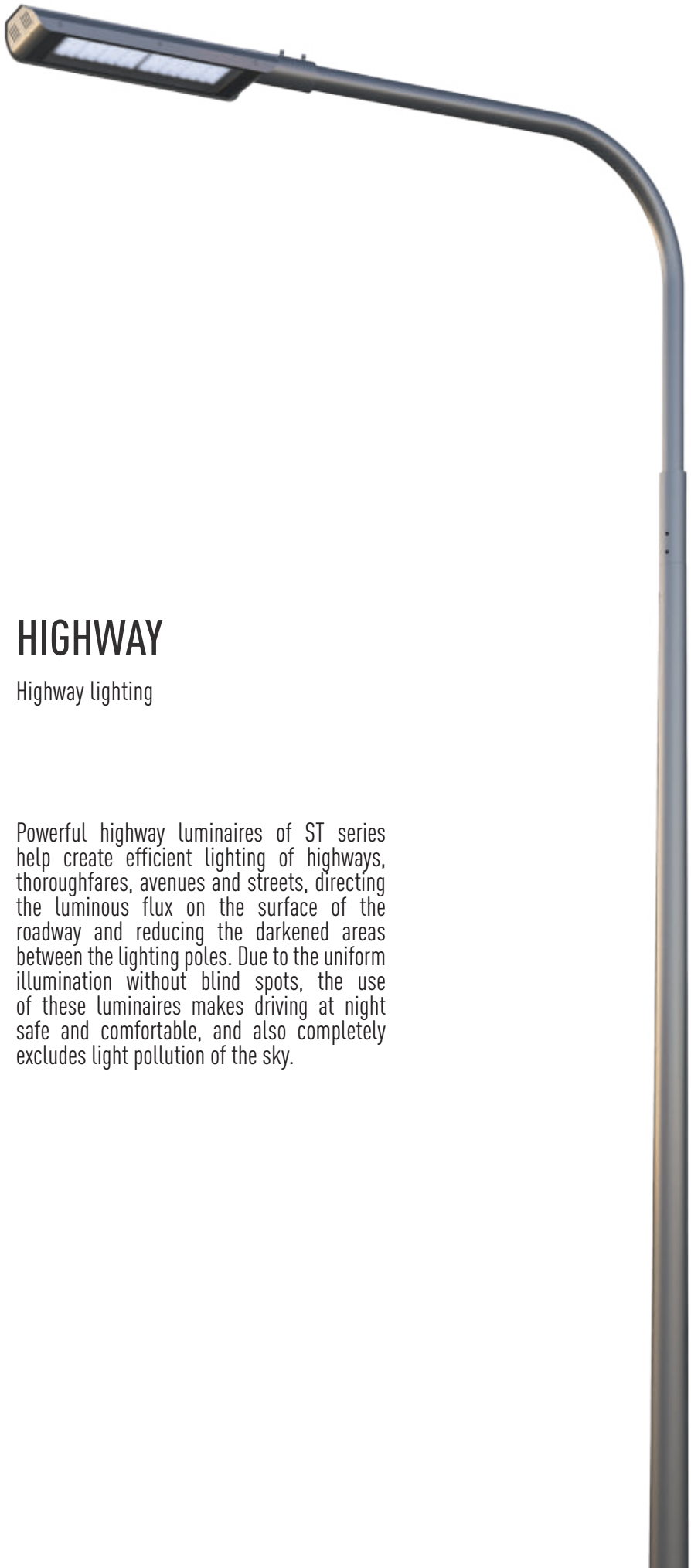




200 W / 15 kg



LDC, Light Distribution Curve



HIGHWAY

Highway lighting

Powerful highway luminaires of ST series help create efficient lighting of highways, thoroughfares, avenues and streets, directing the luminous flux on the surface of the roadway and reducing the darkened areas between the lighting poles. Due to the uniform illumination without blind spots, the use of these luminaires makes driving at night safe and comfortable, and also completely excludes light pollution of the sky.

ST-CL Luminaire Parameters

Rated Power Consumption	50–100 W
Light Output	125 lm/W
Shock Resistance Class	IK 08
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

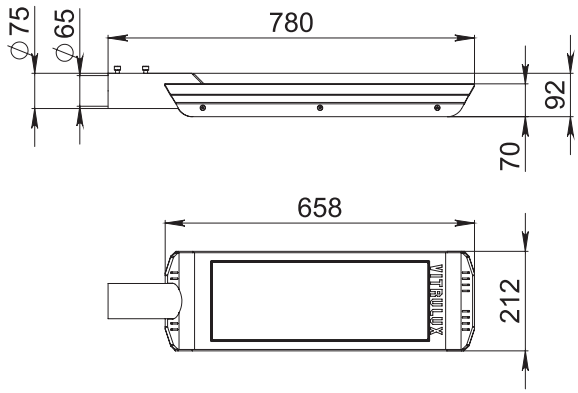
Material	aluminium
Mounting	onto a pole
Protective glass	tampered glass
Recommended height	5–12 m

Colour Temperature – Correlated Colour Temperature

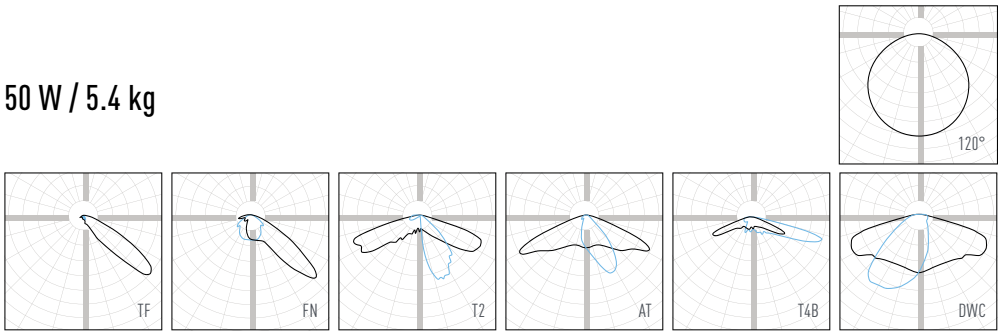
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire ST-CL-50-LDC-CCT-LCP

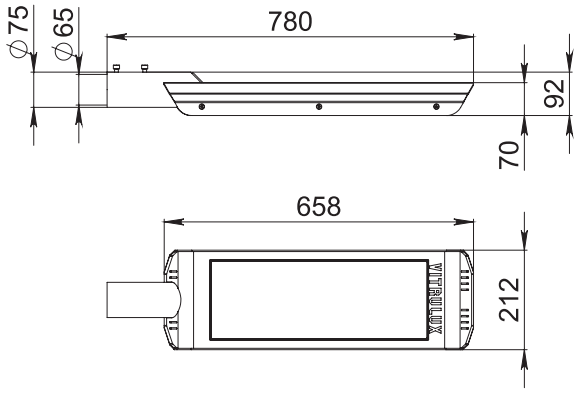


50 W / 5.4 kg

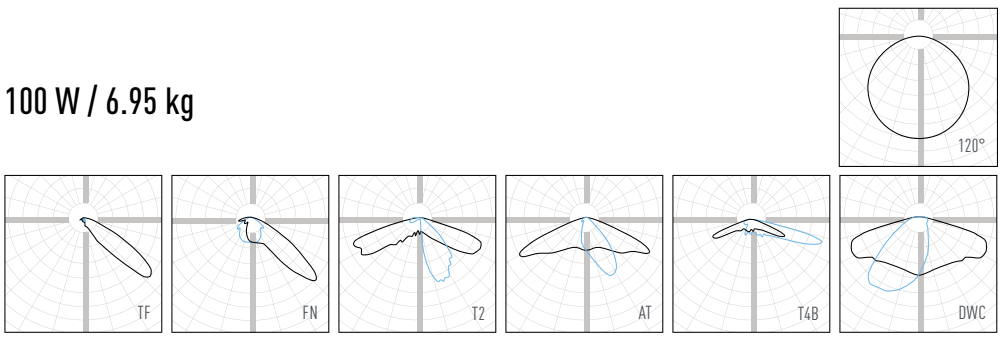


LDC, Light Distribution Curve

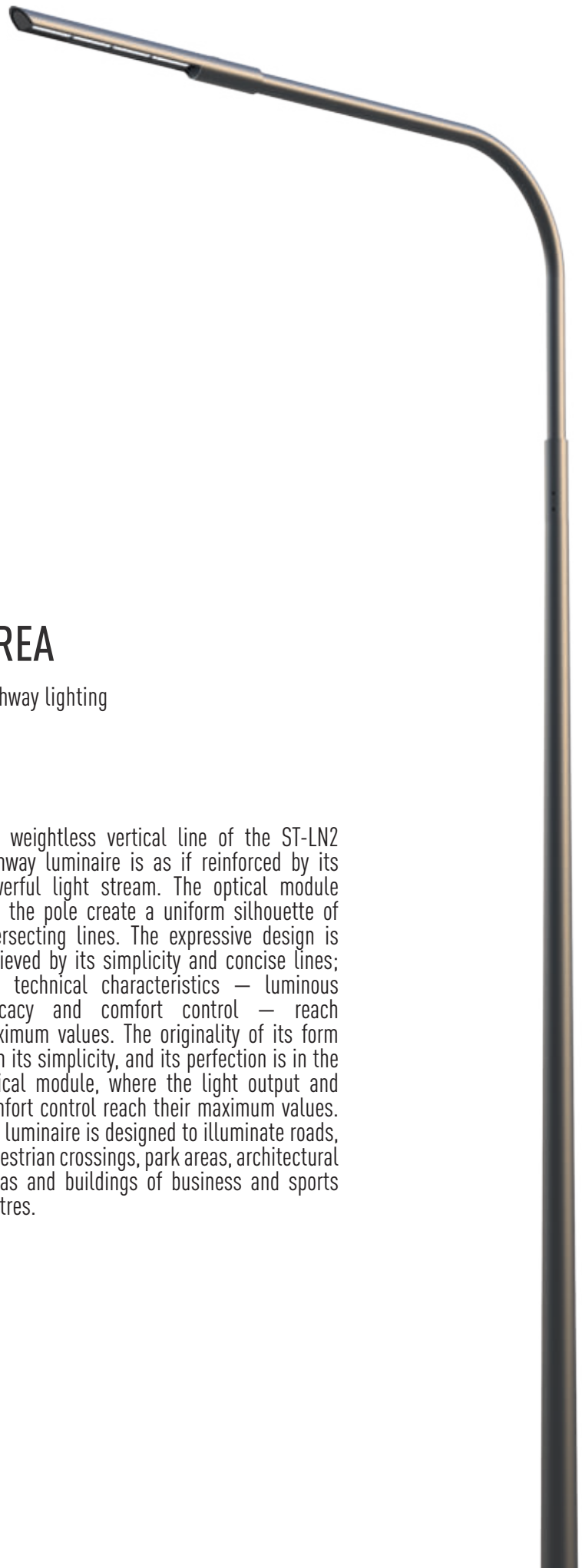
LED luminaire ST-CL-100-LDC-CCT-LCP



100 W / 6.95 kg



LDC, Light Distribution Curve



AREA

Highway lighting

The weightless vertical line of the ST-LN2 highway luminaire is as if reinforced by its powerful light stream. The optical module and the pole create a uniform silhouette of intersecting lines. The expressive design is achieved by its simplicity and concise lines; and technical characteristics — luminous efficacy and comfort control — reach maximum values. The originality of its form is in its simplicity, and its perfection is in the optical module, where the light output and comfort control reach their maximum values. The luminaire is designed to illuminate roads, pedestrian crossings, park areas, architectural vistas and buildings of business and sports centres.

ST-LN2 Luminaire Parameters

Rated Power Consumption	25–50 W
Light Output	120 lm/W
Shock Resistance Class	IK 08
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 66
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

Material	aluminium
Mounting	onto a pole
Protective glass	tampered glass
Recommended height	5–12 m

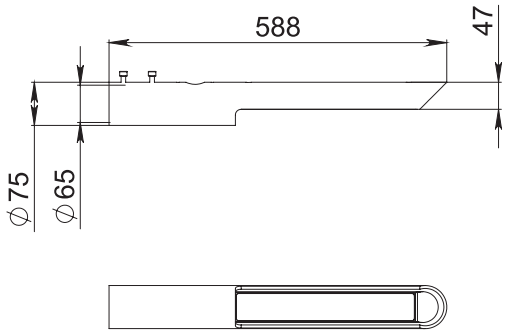
Colour Temperature – Correlated Colour Temperature

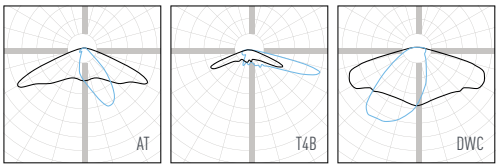
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD i

LED luminaire ST-LN2-25-LDC-CCT-LCP

25 W / 2.9 kg

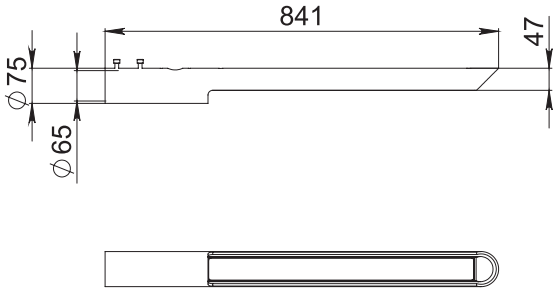


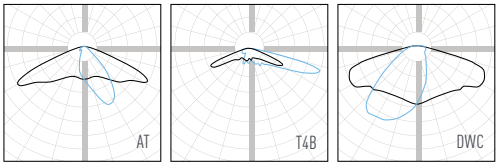


LDC, Light Distribution Curve

LED luminaire ST-LN2-50-LDC-CCT-LCP

50 W / 3.95 kg





LDC, Light Distribution Curve

POLES / EMBEDDED FOUNDATIONS / POLE CAPS

EMBEDDED FOUNDATIONS / POLE CAPS /

POLES

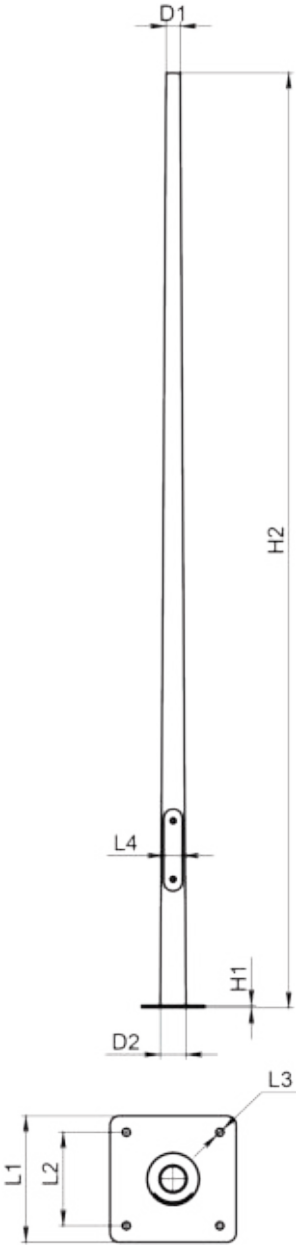
STL-C POLES

STL-C Conical Seamless Poles

The production technology of this unique product was developed by Vitrulux.
The core of the pole is a seamless steel cone bearing the main loads. The polished steel surface is covered with corrosion-resistant aluminium coating that preserves functional and aesthetic properties of the pole for at least 50 years of service. Additionally the pole can be treated with two-component material with a high degree of adhesion. Optional subsequent application of a matte or glossy coating is possible.

Product advantages:
- aesthetic excellence of design,
- long service life with preservation of the surface quality throughout the entire service life,
- no operating costs for rust removal, pole painting, etc.,
- easy and affordable service in case of damage to the pole surface, and
- any colours from the RAL palette.

Item	Total pole height	Top of pole diameter	Base of pole diameter	Flange centre-to-centre spacing	Fixtures	Weight, kg
STL-C-4	4000	60	110	200	VTL-51-1500	32
STL-C-4.5	4500	60	116	200	VTL-51-1500	36
STL-C-5	5000	60	122	200	VTL-51-1500	40
STL-C-5.5	5500	60	128	200	VTL-51-1500	44
STL-C-6	6000	60	134	250	VTL-60-1500	51
STL-C-7	7000	60	146	250	VTL-60-1500	61
STL-C-8	8000	60	158	250	VTL-60-1500	94
STL-C-9	9000	60	170	300	VTL-70-1500	116
STL-C-10	10000	60	182	300	VTL-70-1500	134
STL-C-11	11000	60	194	300	VTL-80-1500	152
STL-C-12	12000	60	206	300	VTL-80-1500	171

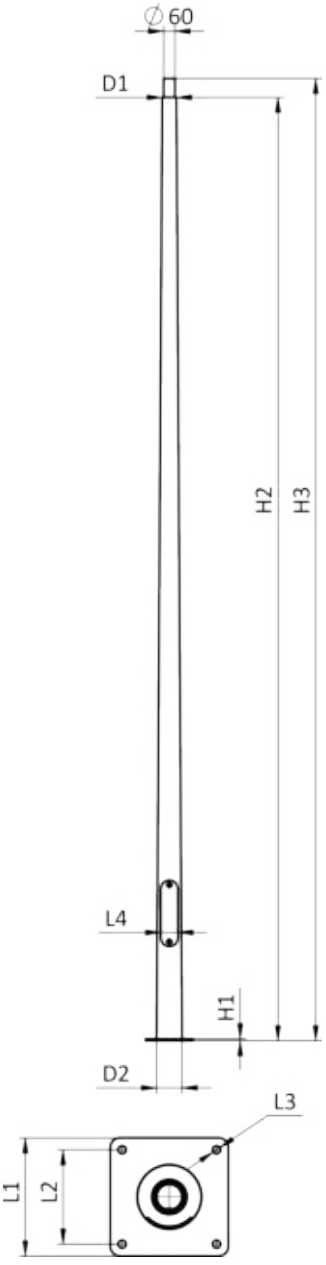


STL-C1 Conical Seamless Poles

The production technology of this unique product was developed by Vitrulux.
The core of the pole is a seamless steel cone bearing the main loads. The polished steel surface is covered with corrosion-resistant aluminium coating that preserves functional and aesthetic properties of the pole for at least 50 years of service. Additionally the pole can be treated with two-component material with a high degree of adhesion. Optional subsequent application of a matte or glossy coating is possible.

Product advantages:
- aesthetic excellence of design,
- long service life with preservation of the surface quality throughout the entire service life,
- no operating costs for rust removal, pole painting, etc.,
- easy and affordable service in case of damage to the pole surface, and
- any colours from the RAL palette.

Item	Total pole height	Top of pole diameter	Base of pole diameter	Flange centre-to-centre spacing	Fixtures	Weight, kg
STL-C1-4	4000	75	125	200	VTL-51-1500	34,36
STL-C1-4.5	4500	75	131	200	VTL-51-1500	38,86
STL-C1-5	5000	75	137	200	VTL-51-1500	43,56
STL-C1-5.5	5500	75	143	200	VTL-51-1500	48,49
STL-C1-6	6000	75	149	250	VTL-60-1500	57,74
STL-C1-7	7000	75	161	250	VTL-60-1500	68,69
STL-C1-8	8000	75	168	250	VTL-60-1500	106,23
STL-C1-9	9000	75	185	300	VTL-70-1500	131,03
STL-C1-10	10000	75	197	300	VTL-70-1500	148,89
STL-C1-11	11000	75	209	300	VTL-80-1500	167,89
STL-C1-12	12000	75	221	300	VTL-80-1500	188,06

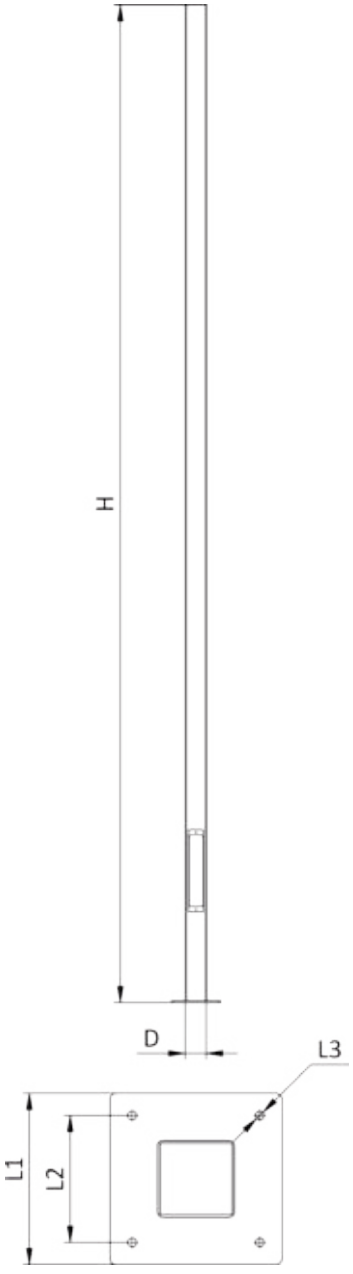


Profile STL-P Poles

Profile billets for the manufacture of poles have a rectangular or triangular cross-section. The use of this type of poles meets the requirements of modern architecture and presents an opportunity to highlight the original image of the site. Corrosion protection technology ensures the preservation of poles' appearance and integrity of the metal for at least 50 years. After polishing, an aluminium coating is applied to the steel pole to prevent metal corrosion and rust formation. Additionally the pole is treated with two-component material with a high degree of adhesion. Optional subsequent application of a matte or glossy coating is possible.

Product advantages:
- advanced design,
- can be used in modern architecture projects,
- long service life with preservation of the surface quality throughout the entire service life,
- no operating costs for rust removal, pole painting, etc.,
- easy and affordable service in case of damage to the pole surface, and
- any colours from the RAL palette.

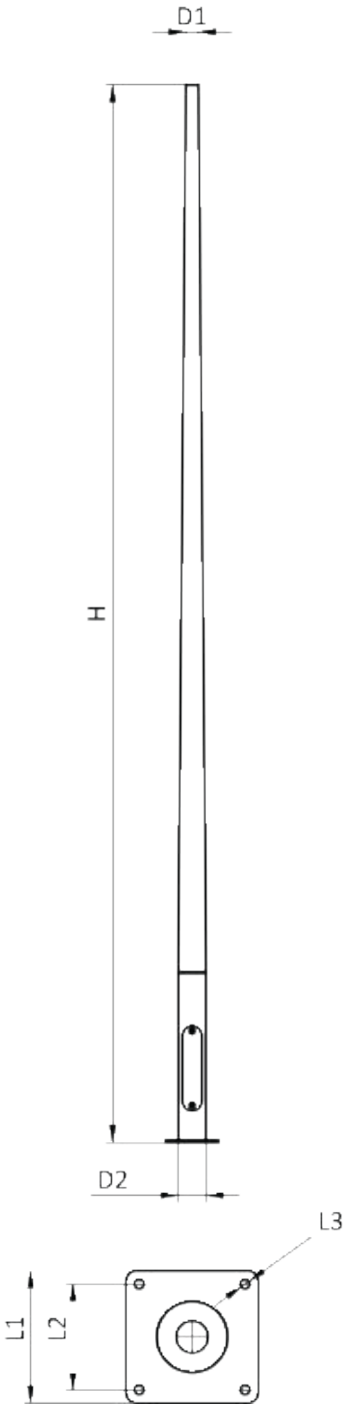
Item	Total pole height	Flange centre-to-centre spacing	Fixtures	Weight, kg
STL-P-4	4000	180	VTL-50-1500	50,5
STL-P-4	4000	180	VTL-50-1500	60,3
STL-P-4.5	4500	180	VTL-50-1500	56,4
STL-P-4.5	4500	180	VTL-50-1500	67,3
STL-P-5	5000	200	VTL-51-1500	63
STL-P-5	5000	200	VTL-51-1500	75,3
STL-P-5.5	5500	250	VTL-60-1500	68,8
STL-P-5.5	5500	250	VTL-60-1500	82,3
STL-P-6	6000	250	VTL-60-1500	74,6
STL-P-6	6000	250	VTL-60-1500	89,4



STL-W Poles

Wooden conical-cylindrical STL-W poles are made of glued laminated wood. The wooden cone is pressed into the metal cylinder. The surface of wooden poles is carefully treated and protected. Using this type of poles is ideal for creating a unique and elegant appearance of modern sustainable architecture. The service life of these poles is up to 25 years.

Product advantages:
- advanced design,
- long service life with preservation of the surface quality throughout the entire service life,
- no operating costs for rust removal, pole painting, etc., and
- sustainability.



Item	Total pole height	Top of pole diameter	Base of pole diameter	Flange centre-to-centre spacing	Fixtures	Weight, kg
STL-W-4	4000	60	133	180	VTL-51-1500	25,2
STL-W-4.5	4500	60	133	180	VTL-51-1500	26,5
STL-W-5	5000	60	133	200	VTL-51-1500	28,7
STL-W-5.5	5500	60	133	200	VTL-51-1500	30
STL-W-6	6000	60	133	250	VTL-51-1500	32

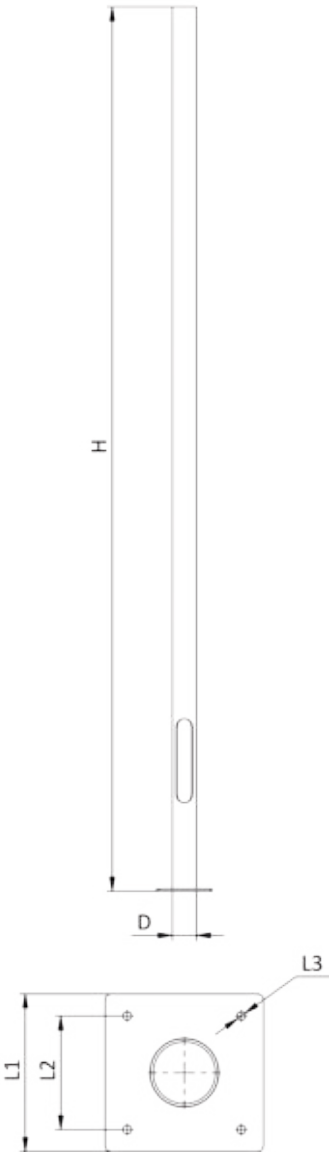
Stepped Cylindrical STL-D Poles

The poles from this series have the same diameter along the entire length. They are designed for mounting multiple luminaires, which are attached directly to the pole by means of clamps or special fasteners. There is a plug at the top of the pole. After polishing, an aluminium coating is applied to the steel pole to prevent ferrous metal corrosion. In addition to the aluminium coating the pole is treated with two-component material with a high degree of adhesion. Optional subsequent application of a matte or glossy coating is possible. The service life of these poles is 50 years.

Product advantages:

- long service life with preservation of the surface quality throughout the entire service life,
- no operating costs for rust removal, pole painting, etc.,
- easy and affordable service in case of damage to the pole surface, and
- any colours from the RAL palette.

Item	Total pole height	Pole diameter	Flange centre-to-centre spacing	Fixtures	Weight, kg
STL-D-2.5	2500	102	180	VTL-50-1500	33
STL-D-2.5	2500	108	180	VTL-50-1500	34,8
STL-D-3	3000	102	180	VTL-50-1500	39
STL-D-3	3000	108	180	VTL-50-1500	41,1
STL-D-3.5	3500	102	180	VTL-50-1500	45
STL-D-3.5	3500	108	180	VTL-50-1500	47,5
STL-D-4	4000	102	180	VTL-50-1500	51
STL-D-4	4000	108	180	VTL-50-1500	53,8
STL-D-4.5	4500	102	180	VTL-50-1500	57
STL-D-4.5	4500	108	180	VTL-50-1500	60,2
STL-D-5	5000	102	200	VTL-51-1500	63,7
STL-D-5	5000	108	200	VTL-51-1500	67,3
STL-5	5000	133	200	VTL-51-1500	82,37
STL-D-5.5	5500	102	200	VTL-51-1500	70
STL-D-5.5	5500	108	200	VTL-51-1500	73,5
STL-D-5.5	5500	133	200	VTL-51-1500	90,3
STL-D-6	6000	102	200	VTL-51-1500	75,7
STL-D-6	6000	108	200	VTL-51-1500	80
STL-D-6	6000	133	200	VTL-51-1500	98



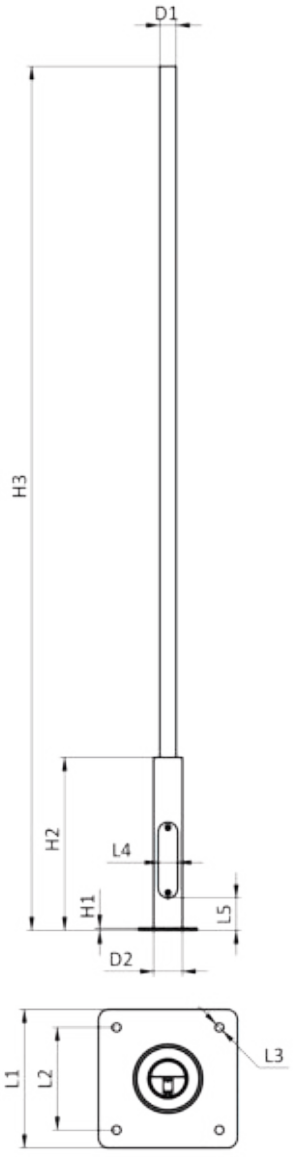
Cylindrical STL-R Poles

The pole consists of two steel cylinders of different diameter welded together r. The welding point is additionally protected by a removable cap. The polished surface of the pole is covered with aluminium coating to prevent ferrous metal corrosion. The anti-corrosion treatment technology allows the pole to operate for more than 50 years, preserving their functional and external characteristics. Additionally the pole is treated with two-component material with a high degree of adhesion. Optional application of a matte or glossy coating is possible.

Product advantages:

- long service life with preservation of the surface appearance and functional quality throughout the entire service life,
- no operating costs for rust removal, pole painting, etc.,
- easy and affordable service in case of damage to the pole surface, and
- any colours from the RAL palette.

Item	Total pole height	Top of pole diameter	Base of pole diameter	Flange centre-to-centre spacing	Fixtures	Weight, kg
STL-R-4	4000	76	133	180	VTL-50-1500	38
STL-R-4.5	4500	76	133	180	VTL-50-1500	47,6
STL-R-5	5000	76	133	200	VTL-51-1500	46
STL-R-5.5	5500	76	133	200	VTL-51-1500	49,5
STL-R-6	6000	76	133	200	VTL-51-1500	53
STL-R-6.5	6500	102	168	250	VTL-60-1500	114,56
STL-R-7	7000	102	168	250	VTL-60-1500	121,7
STL-R-7.5	7500	102	168	250	VTL-60-1500	128,8
STL-R-8	8000	102	168	250	VTL-60-1500	135,9
STL-R-8.5	8500	102	168	300	VTL-70-1500	191,8
STL-R-9	9000	102	168	300	VTL-70-1500	201
STL-R-9.5	9500	102	168	300	VTL-70-1500	210,35
STL-R-10	10000	102	168	300	VTL-70-1500	219,6
STL-R-10.5	10500	102	168	300	VTL-70-1500	232,9
STL-R-11	11000	102	168	300	VTL-80-1500	242,2
STL-R-11.5	11500	102	168	300	VTL-80-1500	251,4
STL-R-12	12000	102	168	300	VTL-80-1500	260,7

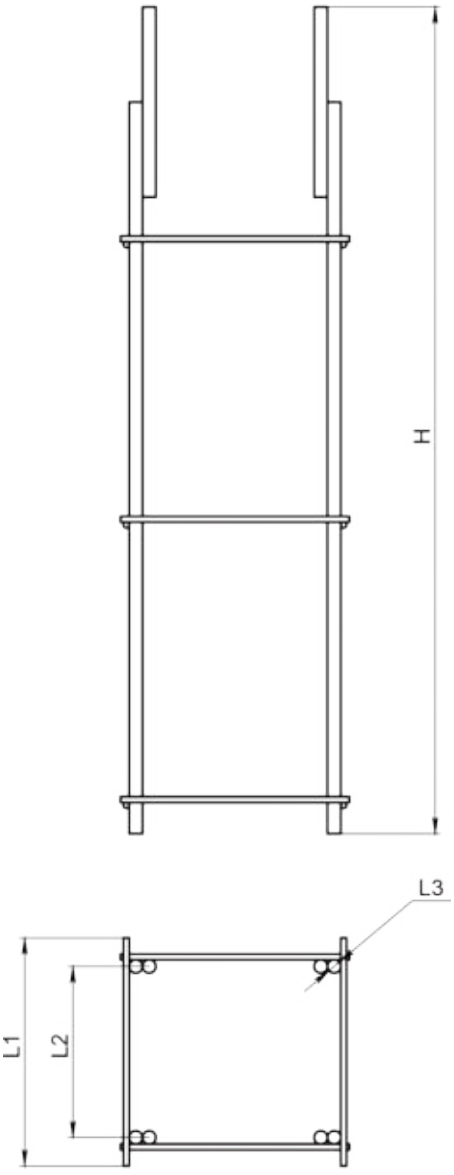


EMBEDDED FOUNDATIONS

VTLZ anchor groups

VTLZ anchor groups are made of reinforcement steel and studs. The upper part is coated with an anti-corrosion coating. The embedded foundations are designed for the installation of poles and bollards.

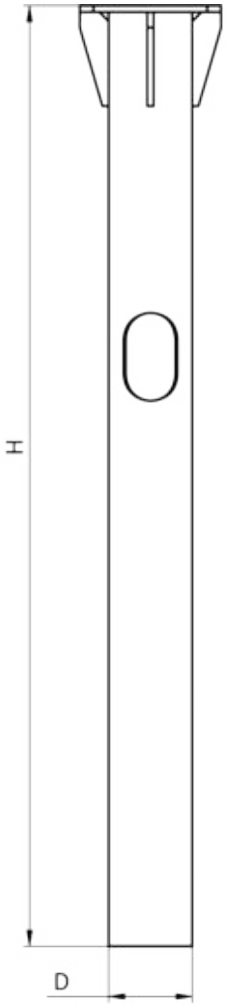
Item	Total pole height	Flange centre-to-centre spacing	Weight, kg
VTLZ-11	400	110	1,07
VTLZ-40	400	140	1,16
VTLZ-50	870	180	4,88
VTLZ-50	1500	180	7,91
VTLZ-51	975	200	5,69
VTLZ-60	985	250	6,15
VTLZ-60	1050	250	6,43
VTLZ-60	1500	250	8,56
VTLZ-70	1190	300	9,93
VTLZ-70	1250	300	10,26
VTLZ-70	2090	300	15,53
VTLZ-80	1500	300	11,95

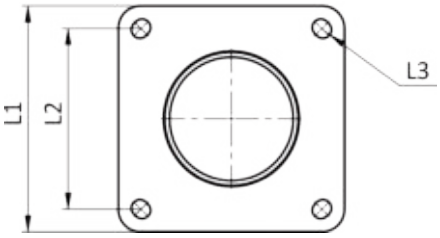


VTL embedded device

The VTL embedded devices are made of a tube with a flange. The top part with the flange is coated with an anti-corrosion coating. The embedded foundations are designed for the installation of poles.

Item	Total pole height	Flange centre-to-centre spacing	Weight, kg
VTL-50	1500	180	27
VTL-50	2000	180	35
VTL-51	1500	200	29
VTL-51	2000	200	36
VTL-60	1500	250	32
VTL-60	2000	250	40
VTL-60	5000	250	85
VTL-70	1500	300	47
VTL-70	2000	300	57
VTL-70	2500	300	67
VTL-80	2500	300	68
VTL-80	3000	300	79

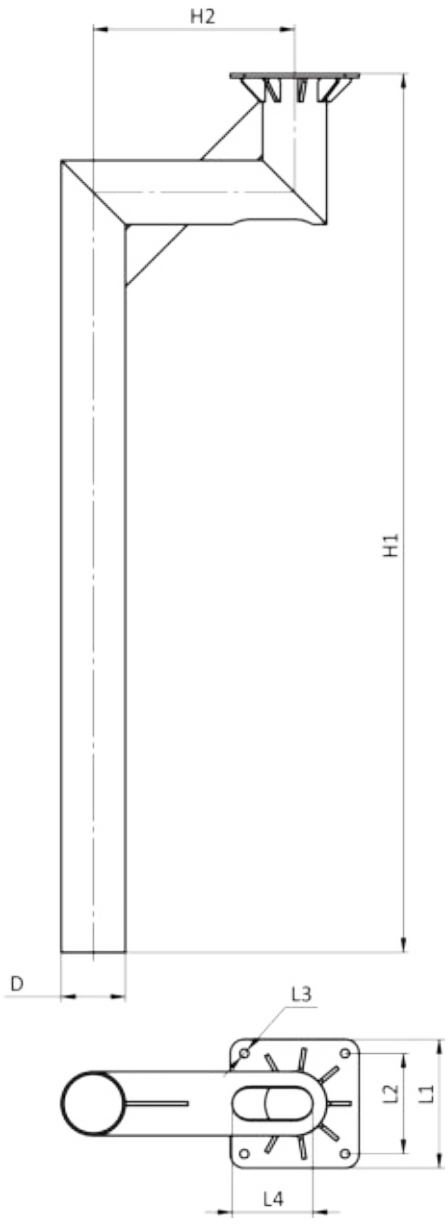




EMBEDDED FOUNDATIONS

VTL Series G embedded device

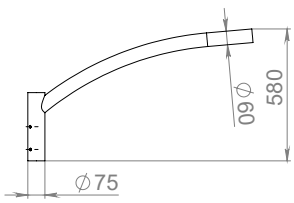
The VTL Series G is made of pipe with a flange; it is an L-shaped device with an offset axis. The top part with a flange is coated with an anti-corrosion coating. The embedded foundation is designed in order to install lighting poles in difficult locations and make it possible to offset the foundation from the pole axis.

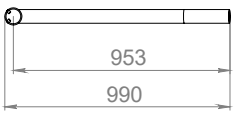


Item	Total pole height	Pole diameter	Flange centre-to-centre spacing	Weight, kg
VTL-60G	500	159	250	70
VTL-60G	1000	159	250	81
VTL-60G	1500	159	250	92
VTL-60G	2000	159	250	104
VTL-60G	2500	159	250	115
VTL-70G	300	219	300	123
VTL-70G	500	219	300	132
VTL-70G	1000	219	300	153
VTL-70G	1500	219	300	174
VTL-70G	2000	219	300	195
VTL-70G	2500	219	300	216

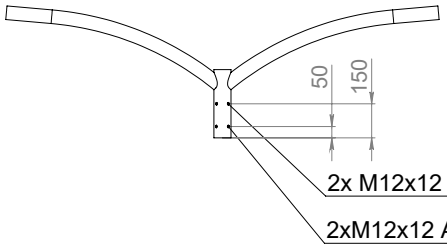
Pole Caps

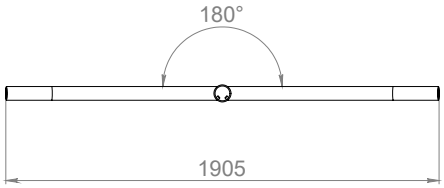
VTR-2–1–0,95–5



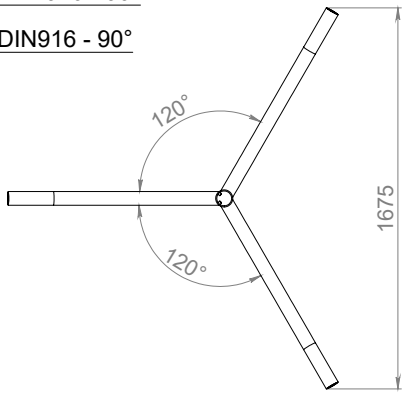


VTR-2–2–0,95–5

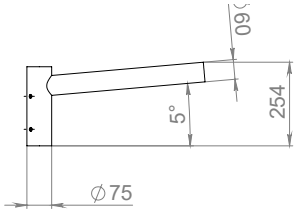


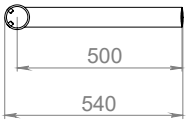


VTR-2–3–0,95–5



VTR-4–1–0,5–5





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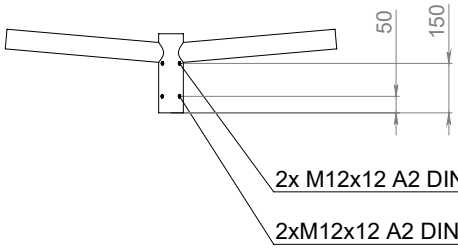
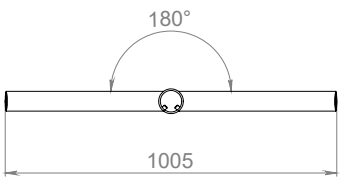
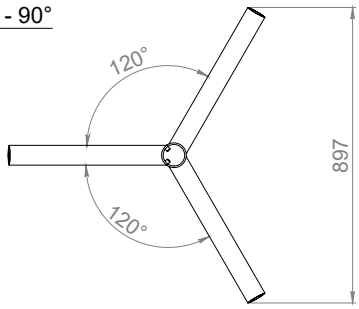




VTR-4–3–0,5–5



DN SERIES

DN SERIES

DN-MASTER

Industrial lighting

The LED luminaire with an original design, including an external thermal flow area. The stylish shape of the SOFT-LINE radiator gives the luminaire a wide range of application in different industrial locations, and the robust mineral glass ensures luminous efficacy of the LED matrix.

Gazprom gas station, Saint Petersburg

DN-A Luminaire Parameters

Rated Power Consumption	60–80 W
Light Output	135 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL2 (from –45°C to +45°C)
Warranty	5 years

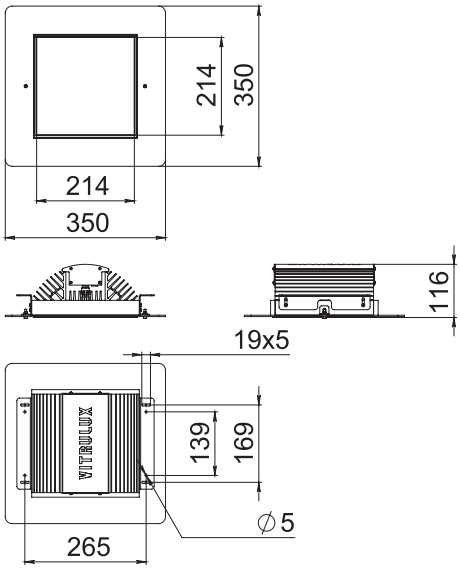
Material	aluminium
Mounting	embedded
Protective glass	tampered glass
Recommended height	4–8 m

Colour Temperature – Correlated Colour Temperature

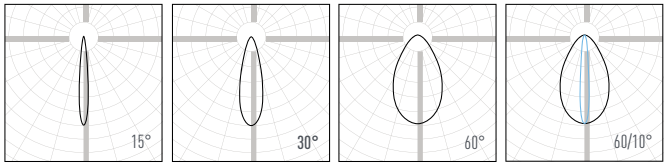
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDI

LED luminaire DN-A-60-LDC-CCT-LCP

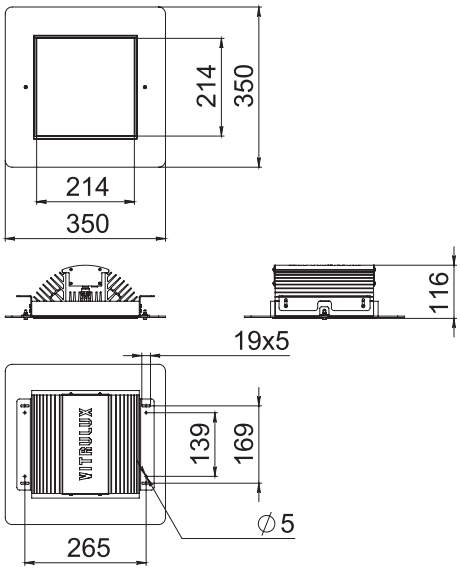


60 W / 3.9 kg

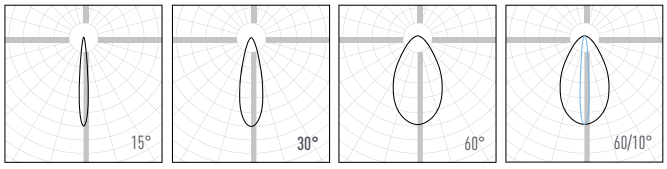


LDC, Light Distribution Curve

LED luminaire DN-A-80-LDC-CCT-LCP



80 W / 3.9 kg



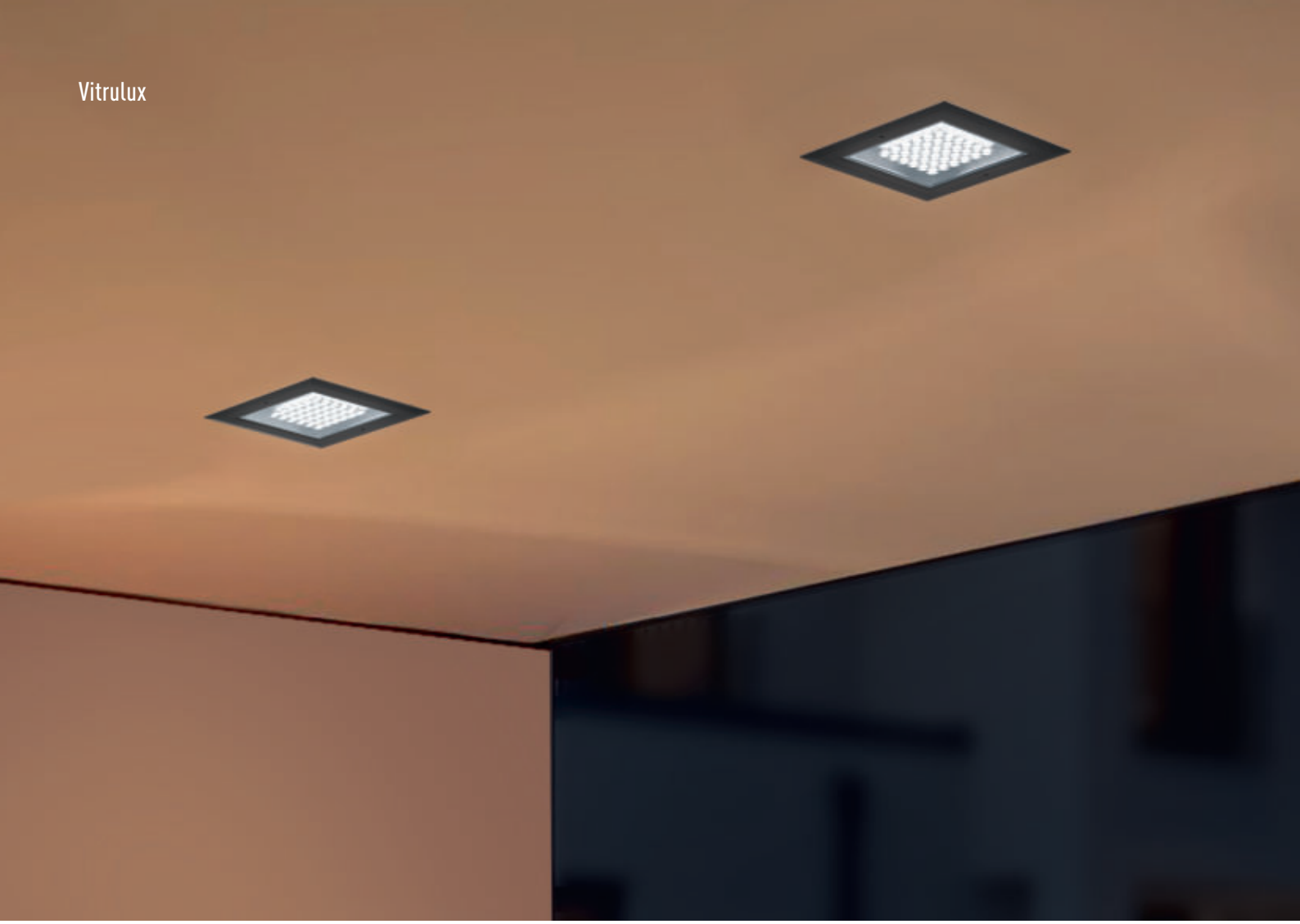
LDC, Light Distribution Curve

FRAMMER

Industrial lighting

The LED floodlight luminaire with an original design, including an unusual solution of the flat thermal flow area. The stylish shape of the SOFT-LINE radiator gives the luminaire a wide range of application in different industrial locations, and the robust mineral glass ensures luminous efficacy of the LED matrix.

Gazprom gas station, Saint Petersburg



DN-VS Luminaire Parameters

Rated Power Consumption	40 W
Light Output	95/130 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 54
Supply Voltage	220 V
Climatic Version	UKHL2 (from –45°C to +45°C)
Warranty	5 years

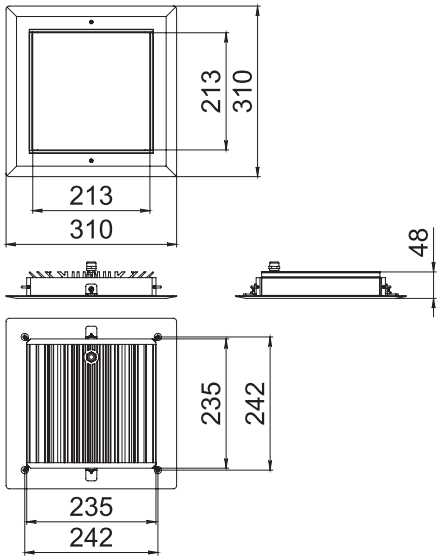
Material	aluminium
Mounting	embedded
Protective glass	tampered glass
Recommended height	4–8 m

Colour Temperature – Correlated Colour Temperature

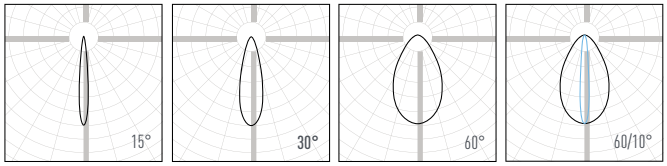
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire DN-VS-40-LDC-CCT-LCP



40 W / 8.8 kg



LDC, Light Distribution Curve

QUADRO SPOT

Floodlight systems

The LED floodlight created by Vitrulux designers attracts attention by its distinctive industrial stylistics. The flat shape of the radiator combined with the cross-shaped mounting of the power supply and the frame creates a luminaire that corresponds to global trends in industrial design. Toughened mineral glass ensures efficient light output from the LED matrix. This model offers the widest possible range of applications.

Gazprom Arena, Saint Petersburg

DN-SQUL Luminaire Parameters

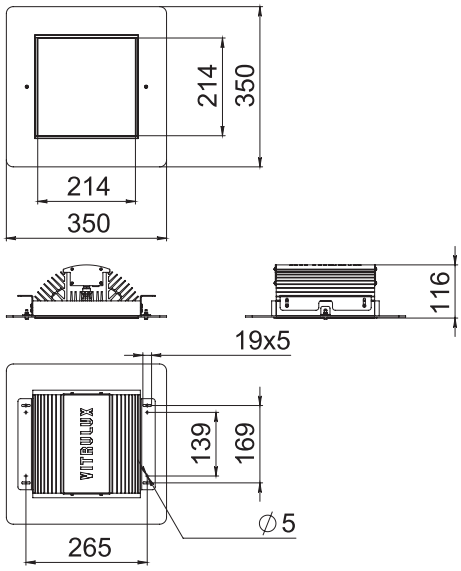
Rated Power Consumption	125–500 W
Light Output	110 lm/W
Shock Resistance Class	IK 08
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 67
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years
Material	aluminium
Mounting	universal/ harp backet
Protective glass	tampered glass
Recommended height	6–20 m

Colour Temperature – Correlated Colour Temperature

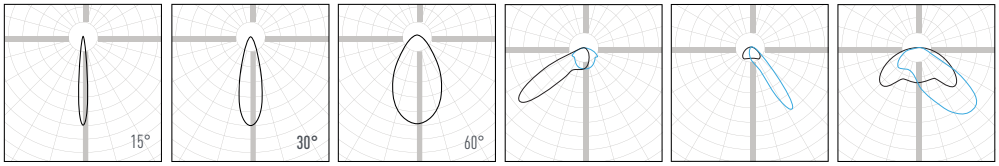
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDI

LED luminaire DN-SQUL-125-LDC-CCT-LCP

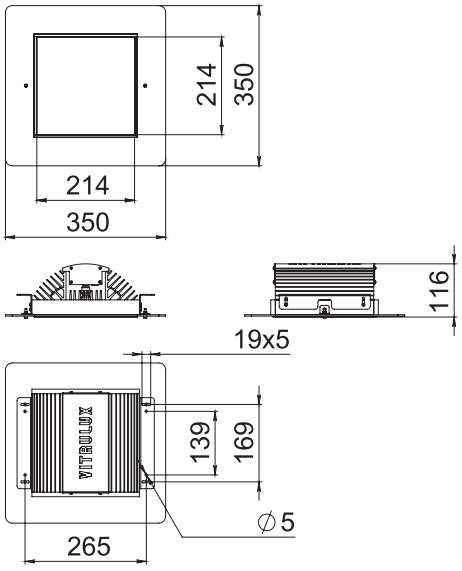


125 W / 7 kg

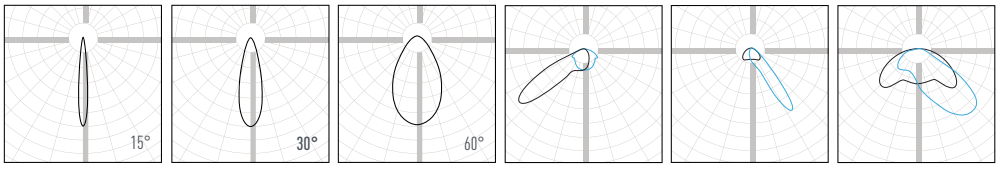


LDC, Light Distribution Curve

LED luminaire DN-SQUL-250-LDC-CCT-LCP

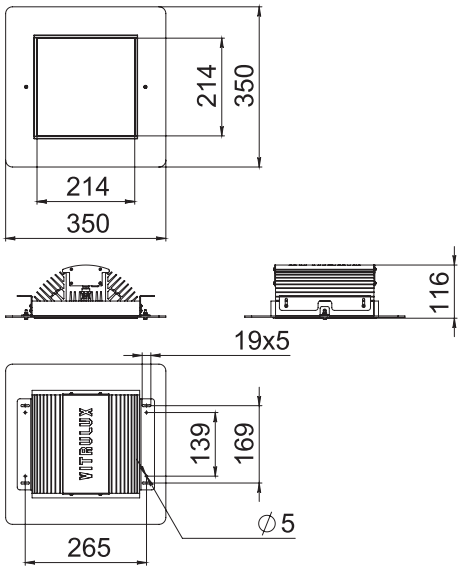


250 W / 16 kg

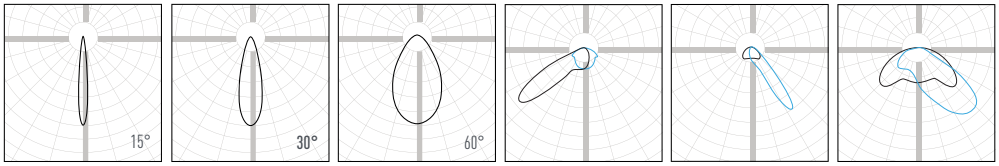


LDC, Light Distribution Curve

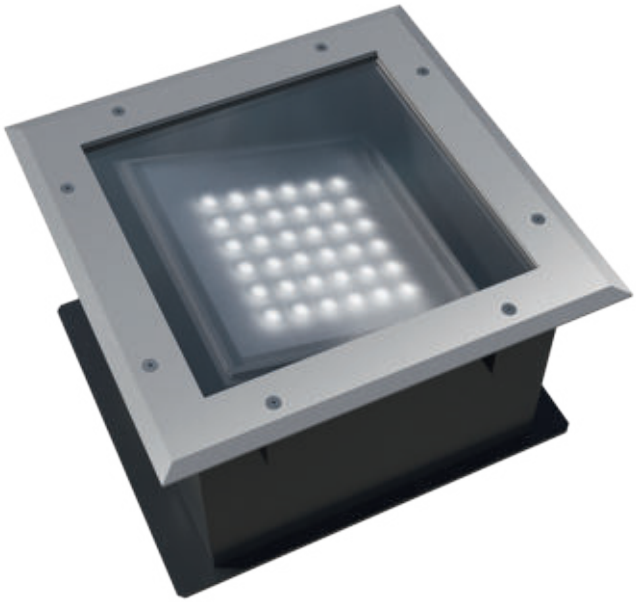
LED luminaire DN-SQUL-500-LDC-CCT-LCP



500 W / 31 kg



LDC, Light Distribution Curve



GROUND

Industrial lighting

The high-tech ground recessed LED luminaire of original design. The optical module has a system for adjusting the angle of inclination along the vertical axis in the range of 0–10°. Extra strong mineral glass gives the luminaire an effective light output from the advanced LED matrix. The luminaire has a drainage system.

DN-GR Luminaire Parameters

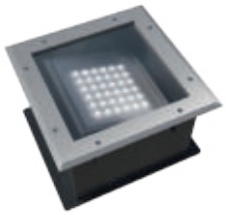
Rated Power Consumption	40 W
Light Output	120 lm/W
Shock Resistance Class	IK 09
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 68
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years
Material	aluminium/steel/ stainless steel
Mounting	embedded
Protective glass	tampered glass

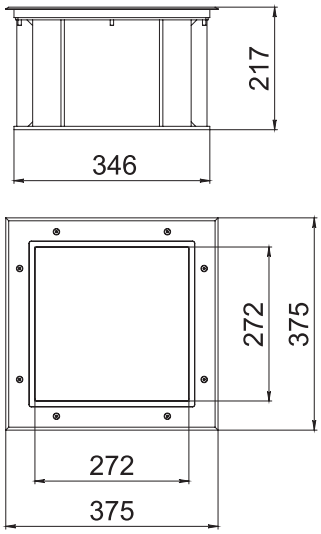
Colour Temperature – Correlated Colour Temperature

01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

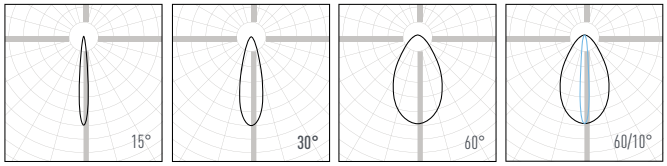
CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD+

LED luminaire DN-GR-40-LDC-CCT-LCP





40 W / 28.5 kg



LDC, Light Distribution Curve

ROUND

Industrial/commercial lighting

Concentric circles, embodied in the geometry of the casing and echoed by the round arrangement of the LED sources, form the basis of the subdued and succinct design of the fixture. The luminaire is equipped with a highly efficient passive LED cooling system, and the high-strength mineral glass ensures maximum light output from the light emission zone.

Optoclub Rows, Saint Petersburg

DN-150 Luminaire Parameters

Rated Power Consumption	150 W
Light Output	145 lm/W
Shock Resistance Class	IK 09
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

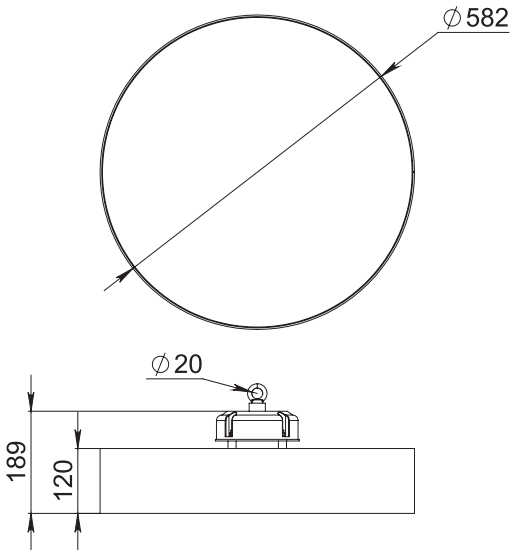
Material	aluminium
Mounting	suspended on a wire rope
Protective glass	tampered glass

Colour Temperature – Correlated Colour Temperature

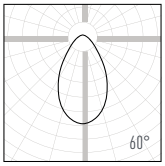
01	02	03	04	05	06	56	07		08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDI

LED luminaire DN-150-60-C-CCT-LCP



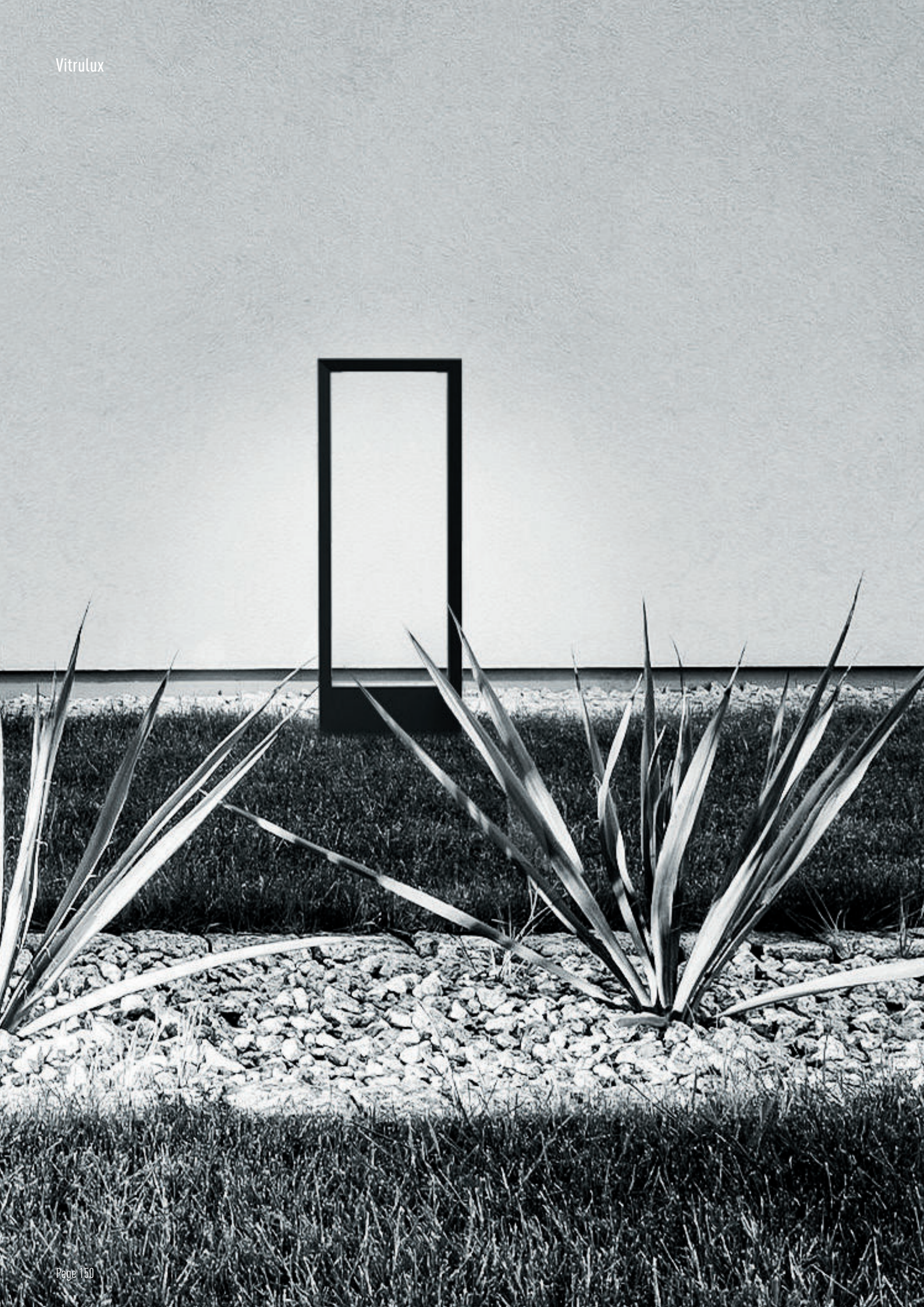
150 W / 12 kg



LDC, Light Distribution Curve

COLUMN SERIES

COLUMN SERIES



FINESTRO

Landscape/decorative lighting

The rectangular luminous frame of the COLUMN-PX decorative luminaire can become the basis for creating a unique environment, the main tool for light painting or an independent art object. The visible lightness of its contours is achieved by placing the optical element in the inner upper part of the frame. A special lighting effect emphasizes the boundaries of light and shadow of its exterior elements.

COLUMN-PX Luminaire Parameters

Rated Power Consumption	18 W
Light Output	65 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

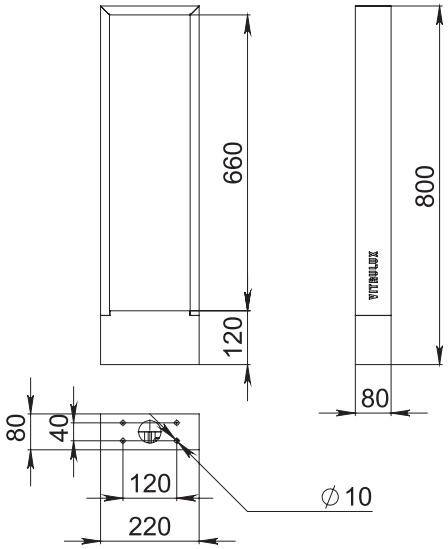
Material	aluminium
Mounting	special anchor insert
Protective glass	tampered glass

Colour Temperature – Correlated Colour Temperature

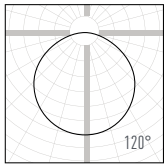
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDI

LED luminaire COLUMN-PX-18-120-CCT-LCP



18 W / 3 kg



LDC, Light Distribution Curve

AUDIO PRO

Landscape lighting

Vitrulux designers and engineers have created the COLUMN AUDIO – Light & Sound Engine combination bollard that includes acoustic and optical systems mounted at the top of the device. The conical diffuser directs light and sound along the poles, gently and smoothly shaping the surrounding space. The special coating of the conical diffuser helps remove the discomfort of the reflected light and prevent light pollution.

COLUMN-AU Luminaire Parameters

Rated Power Consumption	16 W
Light Output	35 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

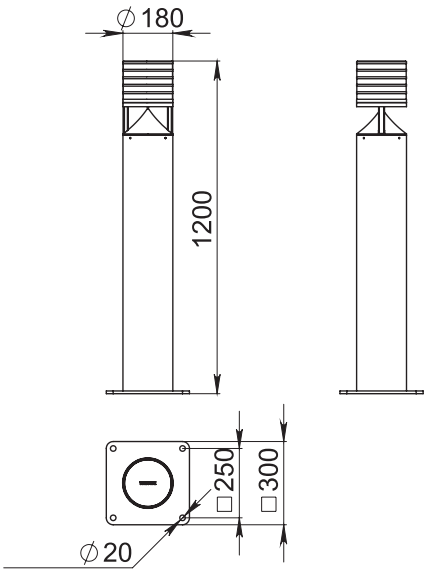
Material	aluminium
Mounting	special anchor insert
Protective glass	tampered glass

Colour Temperature – Correlated Colour Temperature

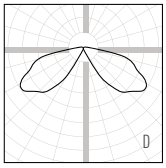
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD i

LED luminaire COLUMN-AU-16-120-CCT-LCP



16 W / 6 kg



LDC, Light Distribution Curve

WAY

Landscape lighting

The advanced bollard with an innovative optical system mounted at the top of the pole. The conical diffuser directs the light around the pole, gently forming the light spot. The special coating of the conical diffuser prevents light pollution and the discomfort from the reflected light.

COLUMN-CB Luminaire Parameters

Rated Power Consumption	24 W
Light Output	35 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	⩾ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

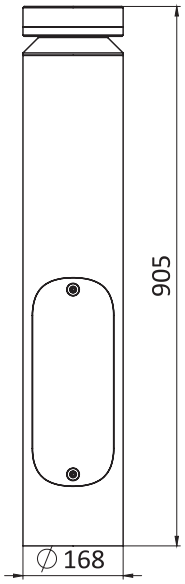
Material	aluminium
Mounting	special anchor insert
Protective glass	tampered glass

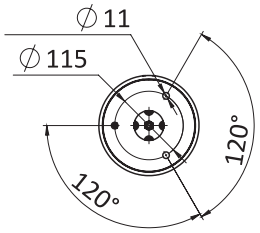
Colour Temperature – Correlated Colour Temperature

01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

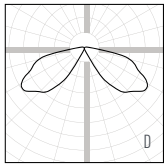
CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD i

LED luminaire COLUMN-CB-24-D-CCT-LCP

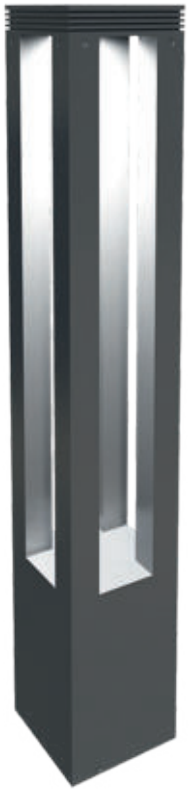




24 W / 6.2 kg



LDC, Light Distribution Curve



ECLIPSE

Landscape lighting

The landscape luminaire, specially designed by Vitrulux engineers for those who prefer an increased light comfort, provides a soft visual experience thanks to the unity of design and technology. The progressive LED matrix of the optical module in the upper part of the bollard generates a soft, diffused light that does not tire the eyes. The luminous flux is evenly distributed in the inner volume of the column, created by the four elements of the angular supports.

COLUMN-CX Luminaire Parameters

Rated Power Consumption	24 W
Light Output	65 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

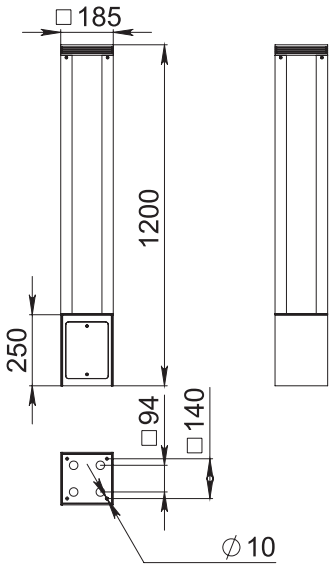
Material	aluminium
Mounting	special anchor insert
Protective glass	tampered glass

Colour Temperature – Correlated Colour Temperature

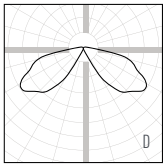
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · be DMX · ZD

LED luminaire COLUMN-CX-24-D-CCT-LCP



24 W / 11 kg

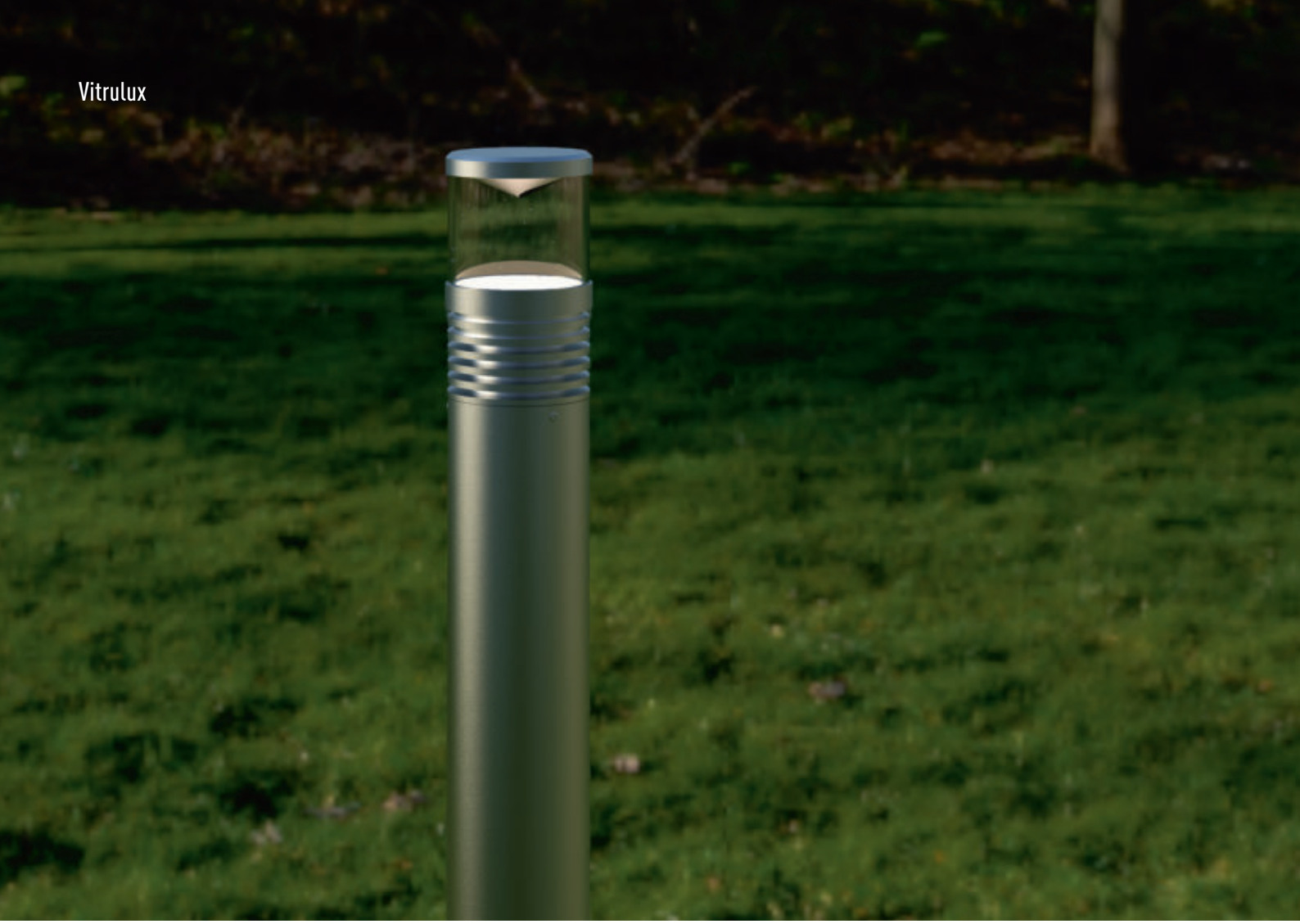


LDC, Light Distribution Curve

LIGHT CONE

Landscape lighting

The elegant bollard luminaire provides uniform illumination of the surrounding space with no light pollution above the level of the optical module. The thin circular elements, designed like stiffeners, visually divide the device into three parts. The high quality painting ensures durability of the luminaire's appearance.



COLUMN-RN Luminaire Parameters

Rated Power Consumption	12 W
Light Output	45 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

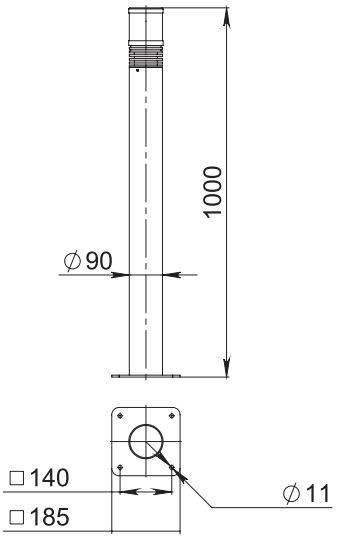
Material	aluminium
Mounting	special anchor insert
Protective glass	acryl

Colour Temperature – Correlated Colour Temperature

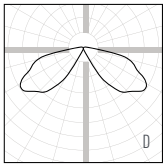
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · be DMX · ZDI

LED luminaire COLUMN-RN90-12-D-CCT-LCP

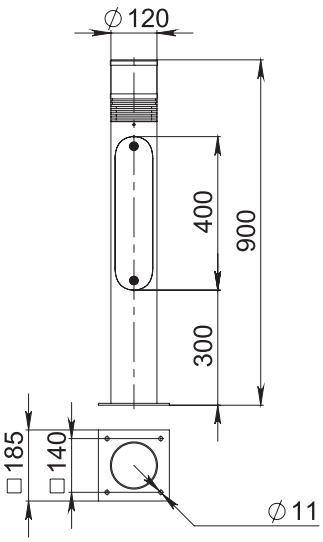


12 W / 4.9 kg

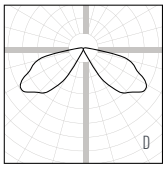


LDC, Light Distribution Curve

LED luminaire COLUMN-RN120-12-D-CCT-LCP



12 W / 10.3 kg



LDC, Light Distribution Curve

EXPLANADA

Landscape lighting

The side light-scattering element along the whole height of the luminaire creates the illusion of a light column with light going upward. The simple geometric shape, where everything is subject to the same laws of proportion, creates an opportunity for universal application of this exquisite light system in an urban or landscape environment.

COLUMN-IN Luminaire Parameters

Rated Power Consumption	16 W
Light Output	65 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

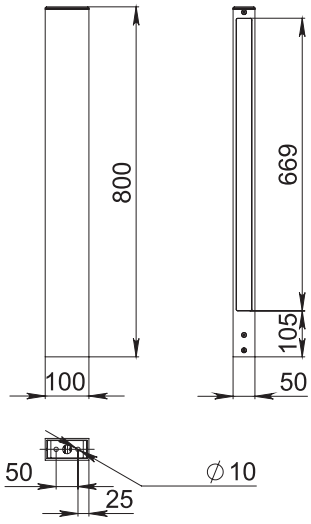
Material	aluminium
Mounting	special anchor insert
Protective glass	acryl

Colour Temperature – Correlated Colour Temperature

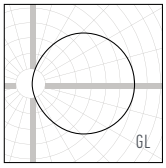
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD i

LED luminaire COLUMN-IN2-16-GL-CCT-LCP



16 W / 3 kg



LDC, Light Distribution Curve

UNO

Landscape lighting

The COLUMN-AN model design shows its digital identity as a combination of two components – light and dimension. The modern world is underpinned by numerical digits; a digit is a unit of reference for space, time and communication. The optical module forms one-sided asymmetric lighting near the support, creating a decorative light spot. The outer fixing flange carries a decorative meaning, as an integral part of the digit reflected in the design.

COLUMN-AN Luminaire Parameters

Rated Power Consumption	12 W
Light Output	65 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

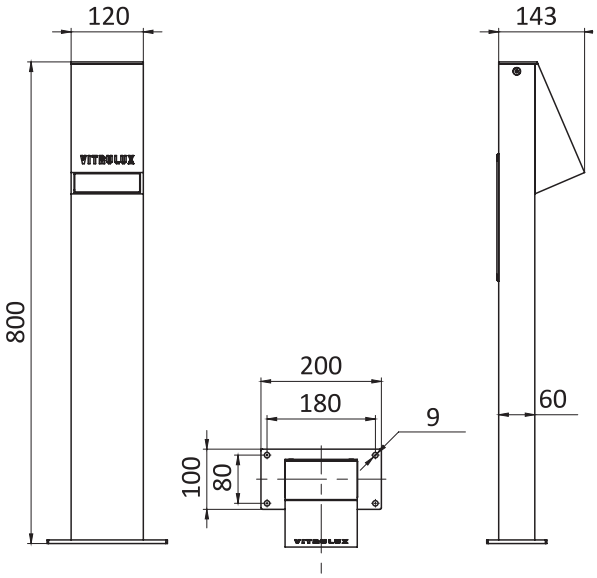
Material	aluminium
Mounting	special anchor insert
Protective glass	tampered glass

Colour Temperature – Correlated Colour Temperature

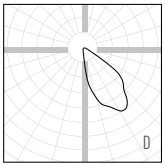
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · be DMX · ZD

LED luminaire COLUMN-AN-12-D-CCT-LCP



12 W / 3.7 kg

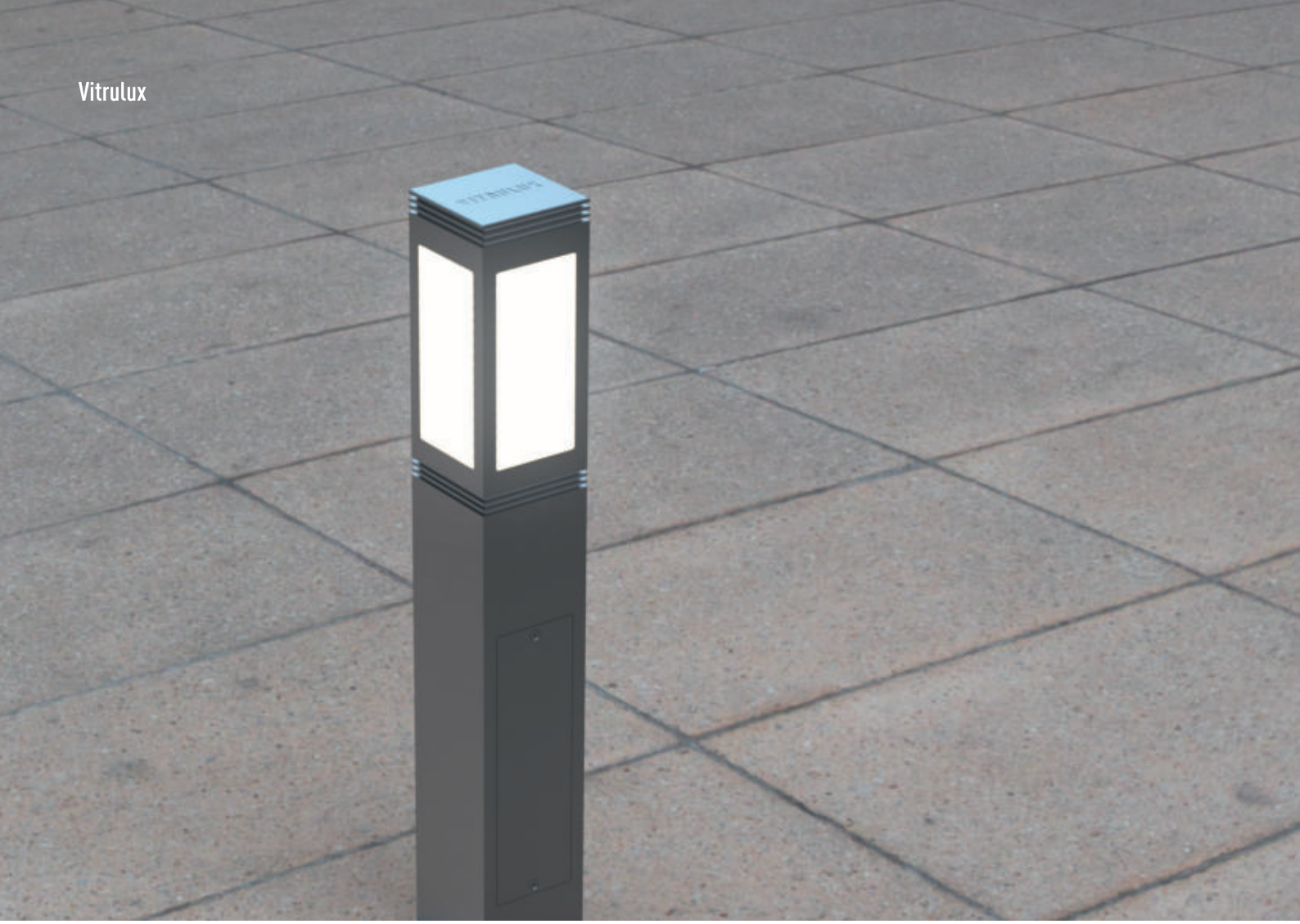


LDC, Light Distribution Curve

CAPITAL

Landscape lighting

The luminaire designed in the form of a classical bollard provides uniform illumination of the surrounding space and causes no light pollution above the level of the optical module. The elegance of the device is created by decorative stiffeners above and below the optical compartment, visually dividing the device into distinct sections. Due to its functionality, the bollard is widely used in the design of landscape and urban facilities.



COLUMN-LT Luminaire Parameters

Rated Power Consumption	24 W
Light Output	65 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

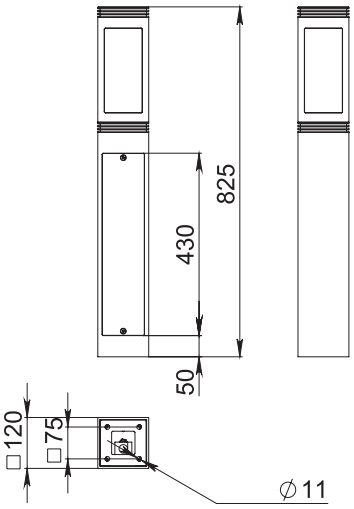
Material	aluminium
Mounting	special anchor insert
Protective glass	acryl

Colour Temperature – Correlated Colour Temperature

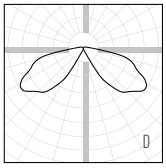
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD i

LED luminaire COLUMN-LT-24-D-CCT-LCP



24 W / 7.3 kg



LDC, Light Distribution Curve

VERTICAL

Landscape lighting

The modern bollard luminaire of original design provides high visual comfort and realizes the effect of rectangular light-diffusing plane, decorative and at the same time effective enough to illuminate the surrounding space, being the highlight of the landscape environment and subordinating the other elements of the design.

COLUMN-JT Luminaire Parameters

Rated Power Consumption	24 W
Light Output	40 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

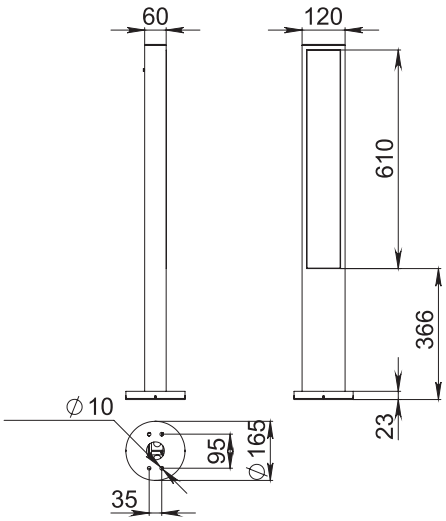
Material	aluminium
Mounting	special anchor insert
Protective glass	tampered glass

Colour Temperature – Correlated Colour Temperature

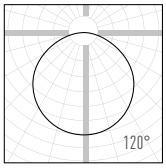
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire COLUMN-JT-24-120-CCT-LCP



24 W / 6.2 kg



LDC, Light Distribution Curve

OLIO

Landscape/decorative lighting

The new engineering concept of the bollard is specially designed for installations in modern public spaces, it provides visual comfort and creates aesthetic balance. The optical compartment is decorated with vertical openings, sources of comfortable light, gently transmitting light into the space around the support. The visual lightness is ensured by a sophisticated optical module made using Single Chip technology.

COLUMN-SL Luminaire Parameters

Rated Power Consumption	25 W
Light Output	90 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

Material	aluminium
Mounting	special anchor insert
Protective glass	tampered glass

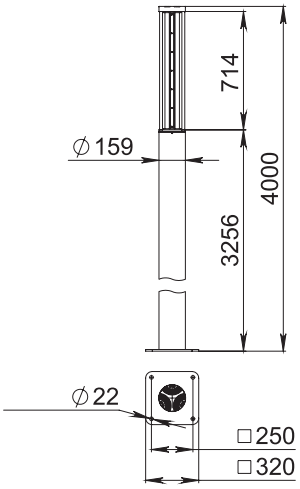
Colour Temperature – Correlated Colour Temperature

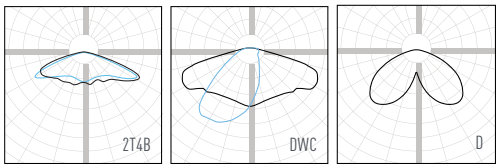
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire COLUMN-SL-25-D-CCT-LCP

25 W / 61 kg





LDC, Light Distribution Curve

OLYMP

Landscape/decorative lighting

The tall and stylish light pole is a classic element of urban design and urban landscape architecture. It is ideal for installations in parks, gardens and on pathways near buildings and structures.

COLUMN-RK Luminaire Parameters

Rated Power Consumption	12–40 W
Light Output	65 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

Material	aluminium
Mounting	special anchor insert
Protective glass	acryl

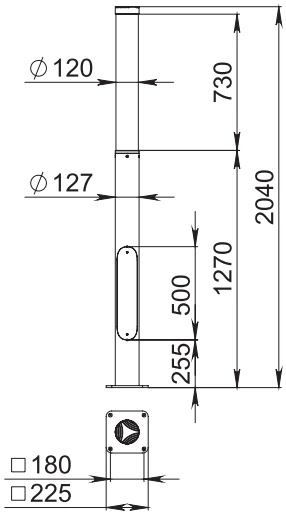
Colour Temperature – Correlated Colour Temperature

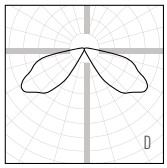
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · be DMX · ZD

LED luminaire COLUMN-RK-12-D-CCT-LCP

12 W / 34 kg

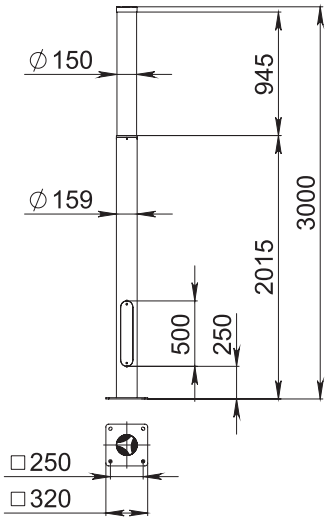


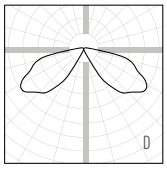


LDC, Light Distribution Curve

LED luminaire COLUMN-RK-40-D-CCT-LCP

40 W / 45 kg





LDC, Light Distribution Curve

OLYMP PRO

Landscape/decorative lighting

The new stylish engineering concept of the bollard is specially designed for installations in modern parks, gardens and other public spaces. In the upper part of the optical module of the luminaire, made in the form of a transparent cylinder, there is a light emission platform, which creates next-generation illumination. Light, filling the volume of the cylinder, creates a light cloud inside the device, while effectively illuminating the area around the support. The advantage of the bollard is its visual lightness in daylight, which is extremely important in projects implemented in modern metropolitan areas.

COLUMN-PD Luminaire Parameters

Rated Power Consumption	25 W
Light Output	90 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

Material	aluminium
Mounting	special anchor insert
Protective glass	acryl

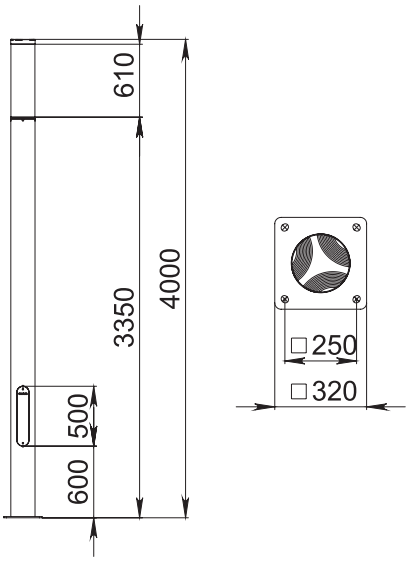
Colour Temperature – Correlated Colour Temperature

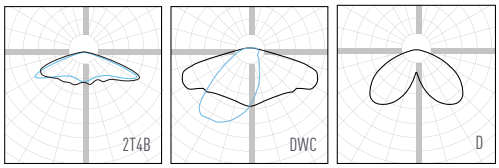
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire COLUMN-PD-25-D-CCT-LCP

25 W / 61 kg





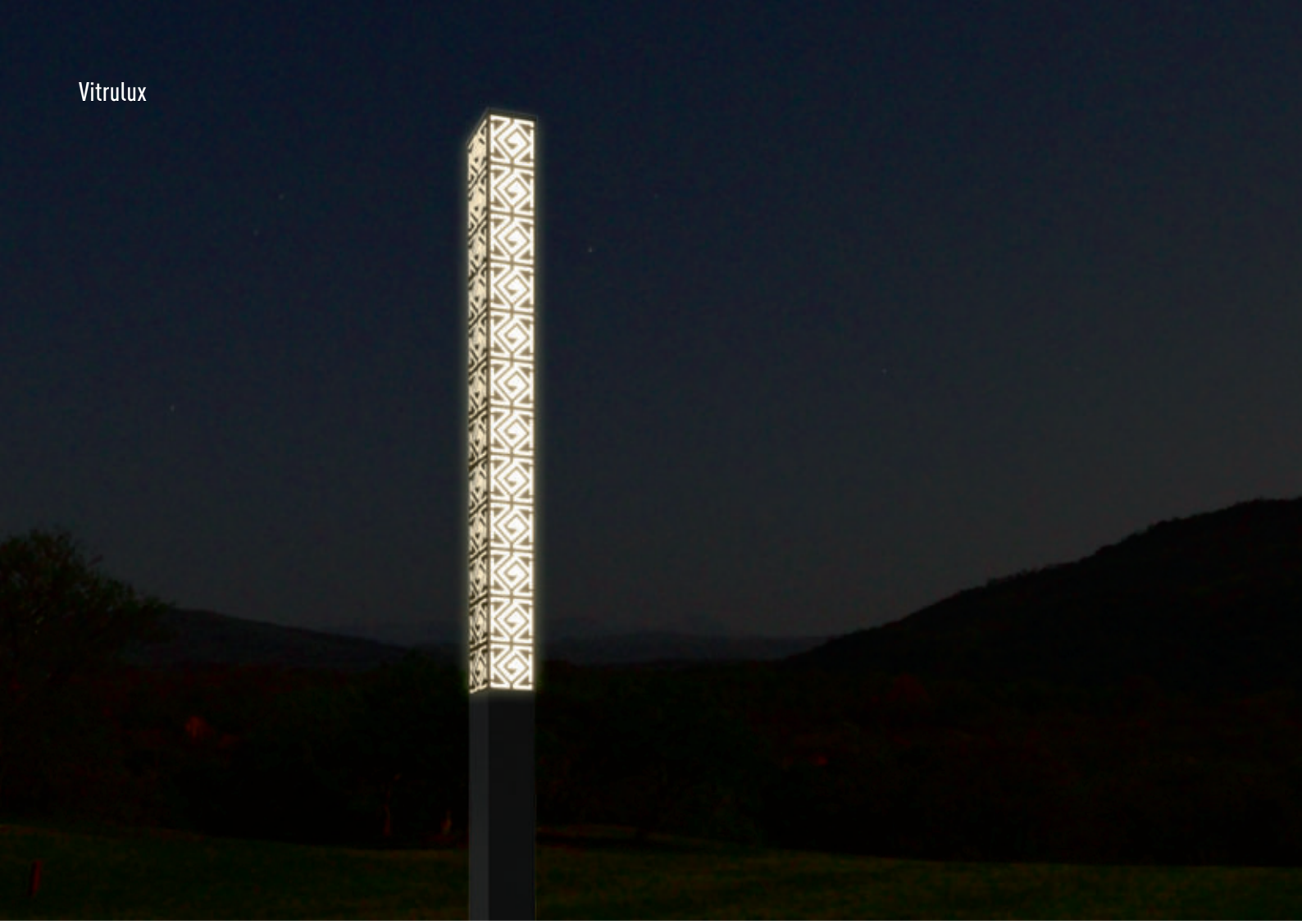
LDC, Light Distribution Curve

LACER ALTO

Decorative lighting

The original design of the vertical lamp from the COLUMN series is formed by the decorative ornament framing its optical module. Magnificent beauty of the openwork interlaced ornament of the luminaire creates a special play of light, giving the space a delicate touch of mystery. The device can be harmoniously installed in the countryside or urban landscape of parks and gardens or can become a decoration of areas near residential buildings. Improved technical characteristics of the light module provide maximum visual comfort for observers. The luminaire is equipped with convenient flange mounting.

Russian house, Saint Petersburg



COLUMN-B1 Luminaire Parameters

Rated Power Consumption	24 W
Light Output	50 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700 6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

Material	aluminium
Mounting	special anchor insert
Protective glass	acryl

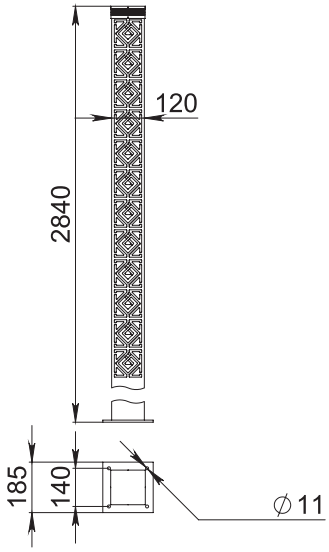
Colour Temperature – Correlated Colour Temperature

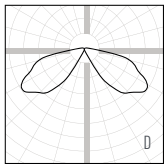
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire COLUMN-B1-24-D-CCT-LCP

24 W / 19.2 kg





LDC, Light Distribution Curve

LACER

Decorative lighting

The intricate openwork ornament creates a special play of light, giving the space a delicate touch of mystery. The original design of the vertical lamp from the COLUMN series is formed by the decorative ornament framing its optical module. The device can be harmoniously installed in the countryside or urban landscape of parks and gardens or can become a decoration of areas near residential buildings. Improved technical characteristics of the light module provide maximum visual comfort for observers. The luminaire is equipped with convenient flange mounting.

COLUMN-B2 Luminaire Parameters

Rated Power Consumption	12 W
Light Output	50 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

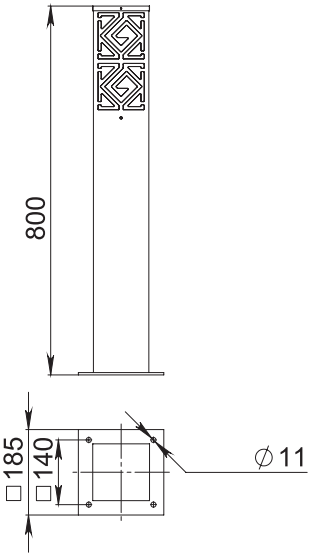
Material	aluminium
Mounting	special anchor insert
Protective glass	acryl

Colour Temperature – Correlated Colour Temperature

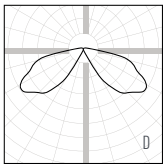
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDI

LED luminaire COLUMN-B2-12-D-CCT-LCP



12 W / 9.6 kg



LDC, Light Distribution Curve

TORE

Decorative lighting

The design of this bollard luminaire from the COLUMN series is based on the original interpretation of the Scandinavian epic. The long cylinder of the optical compartment resembles a luminous fighting-stick, decorated with inserts with a decorative rune ornament in the upper and lower parts. The luminaire can ideally fit in the countryside or urban landscape of parks and gardens, and can become a decoration of the area near residential buildings. Improved technical characteristics of the light module allow for maximum visual comfort. The bollard is equipped with a convenient flange mount.

COLUMN-BS Luminaire Parameters

Rated Power Consumption	40 W
Light Output	65 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

Material	aluminium
Mounting	special anchor insert
Protective glass	acryl

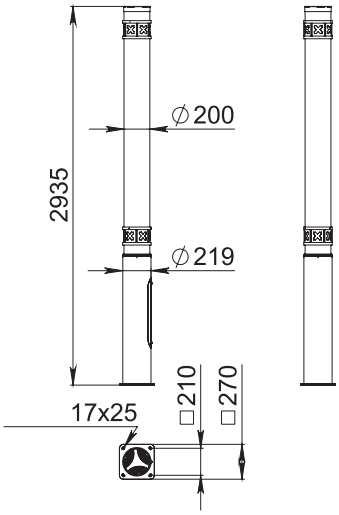
Colour Temperature – Correlated Colour Temperature

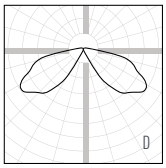
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · be DMX · ZDI

LED luminaire COLUMN-BS-40-D-CCT-LCP

40 W / 42 kg





LDC, Light Distribution Curve

CROSS

Landscape lighting

The recessed ground luminaire with a distinctive landscape theme. The circular lighting is formed by an innovative conical element located under the top cover of the optical compartment, which makes the light seem to glide over its surface, creating an interesting visual effect.

COLUMN-FS Luminaire Parameters

Rated Power Consumption	24 W
Light Output	40 lm/W
Shock Resistance Class	IK 08
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

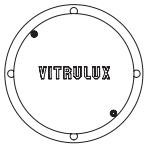
Material	aluminium
Mounting	into the ground
Protective glass	tampered glass

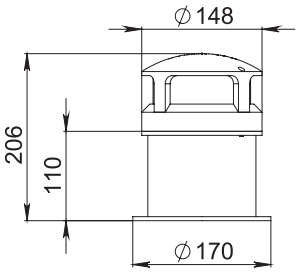
Colour Temperature – Correlated Colour Temperature

01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

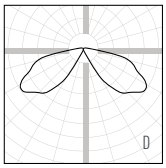
CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire COLUMN-FS-24-D-CCT-LCP





24 W / 4.3 kg



LDC, Light Distribution Curve

FRAX

Landscape lighting

Due to the original technical solution, the luminaire, designed as a strictly geometric bollard, not only provides illumination of the surrounding space, but also creates the effect of a light window. The decorative rectangular recess gives the device a fresh look, and the modern diffusion system ensures high visual comfort. The functionality of the bollard is organically combined with its aesthetic characteristics and makes it possible to set a special light rhythm in the landscape.

COLUMN-BL Luminaire Parameters

Rated Power Consumption	12 W
Light Output	25 lm/W
Shock Resistance Class	IK 09
Colour Rendering Index (CRI)	⩾ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

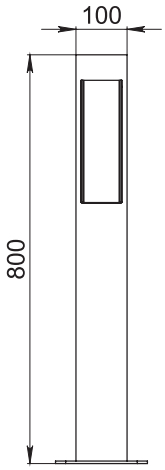
Material	aluminium
Mounting	special anchor insert
Protective glass	acryl

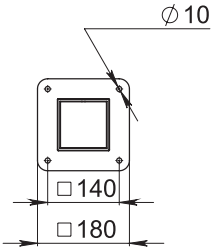
Colour Temperature – Correlated Colour Temperature

01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

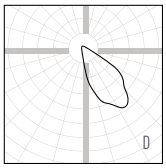
CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD i

LED luminaire COLUMN-BL-12-D-02-01





12 W / 5.1 kg



LDC, Light Distribution Curve

WALKER

Landscape lighting

The luminaire is designed as a flattened bollard topped with an optical compartment creating a downward-flowing cone of light. Due to its technical design, the device provides illumination of the surrounding space and prevents light pollution above the level of the optical module. Durability of the luminaire appearance is ensured by the excellent quality of its painting.

COLUMN-CT Luminaire Parameters

Rated Power Consumption	12 W
Light Output	80 lm/W
Shock Resistance Class	IK 09
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

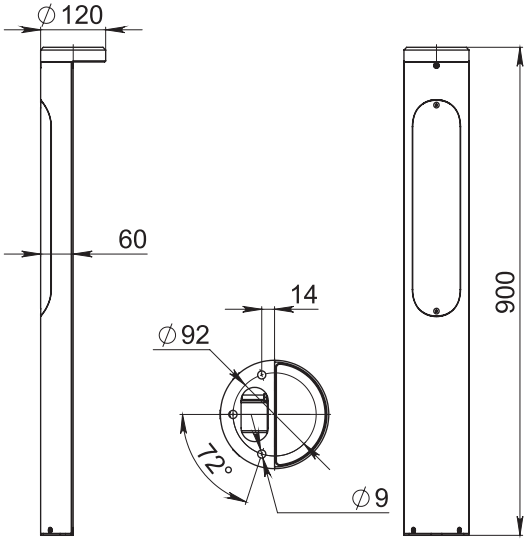
Material	aluminium
Mounting	special anchor insert
Protective glass	acryl

Colour Temperature – Correlated Colour Temperature

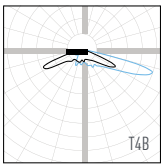
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire COLUMN-CT-12-T4B-02-00 H900



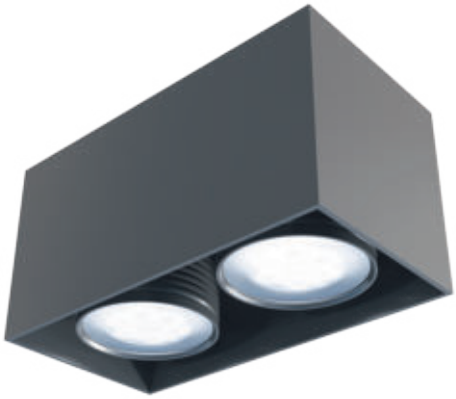
12 W / 4.6 kg



LDC, Light Distribution Curve

FOCUS SERIES

FOCUS SERIES



DOUBLE

Indoor lighting

The main global trends in interior lighting — sustainability, minimalism and light zoning — are embodied in this model. The design is based on a universal geometric shape; it is the right solution for any stylistic concept. Two optical modules can be adjusted independently by gimbals, cleverly hidden in the depth of the body. On the edge of the optical modules there are decorative conical rings for the lateral dimming of the visible light emission area. LED light sources are equipped with a progressive secondary optical system that sets the direction of the luminous flux, emphasizing the strong points of the space. The luminaire is designed for installation in suspended ceilings.

FOCUS-WW Luminaire Parameters

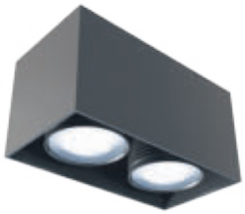
Rated Power Consumption	20 W
Light Output	110 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 54
Supply Voltage	220 V
Climatic Version	UKHL2 (from –45°C to +45°C)
Warranty	5 years
Material	aluminium
Mounting	surface-mounted/ embedded
Protective glass	tampered glass
Recommended height	4–5 m

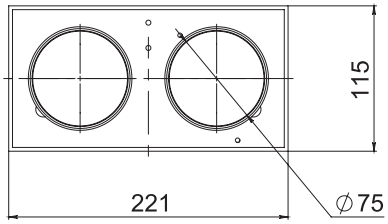
Colour Temperature – Correlated Colour Temperature

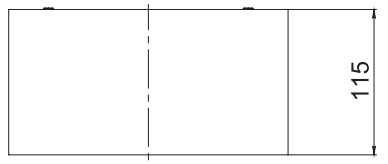
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD+

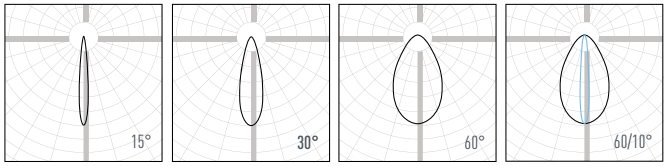
LED luminaire FOCUS-WW-20-LDC-CCT-LCP







20 W / 3.4 kg



LDC, Light Distribution Curve

SINGLE

Indoor lighting

The design of the luminaire is based on a simple geometry of forms, contrast perception and the principle of spatial separation. The model embodies the main global trends in indoor lighting: sustainability, minimalism and light zoning. The optical module is regulated by an independent gimbal, delicately hidden in the depth of the body. Single Chip LED light sources are equipped with advanced secondary optical system, accentuating the luminous flux into defined areas of the surrounding space. The luminaire is ideal for slatted ceiling structures.

FOCUS-GS Luminaire Parameters

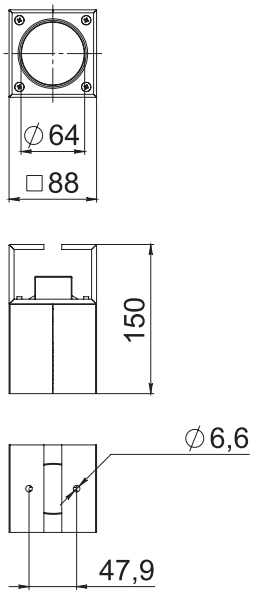
Rated Power Consumption	8–24 W
Light Output	110 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 54
Supply Voltage	220 V
Climatic Version	UKHL2 (from –45°C to +45°C)
Warranty	5 years
Material	aluminium
Mounting	surface-mounted/ embedded
Protective glass	tampered glass
Recommended height	4–5 m

Colour Temperature – Correlated Colour Temperature

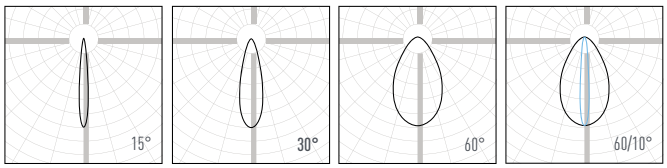
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDi

LED luminaire FOCUS-GS-8-LDC-CCT-LCP

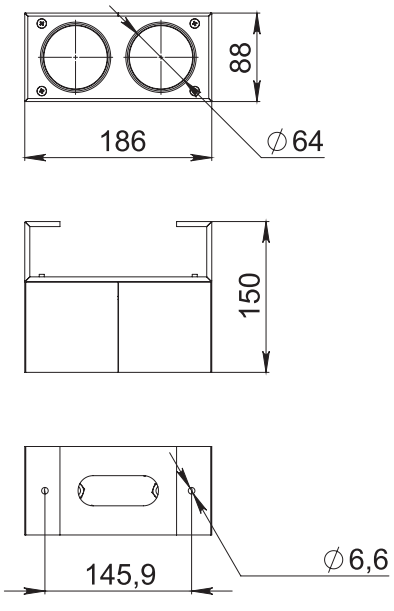


8 W / 1.7 kg

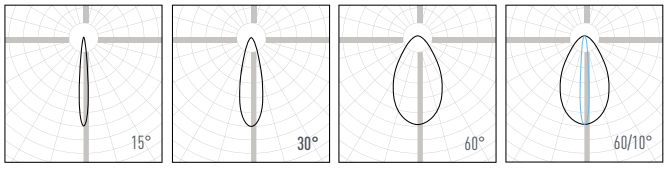


LDC, Light Distribution Curve

LED luminaire FOCUS-GS-16-LDC-CCT-LCP

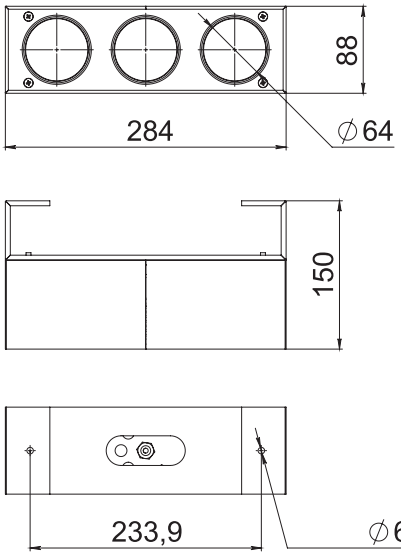


16 W / 2.1 kg

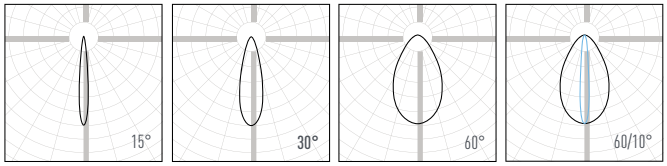


LDC, Light Distribution Curve

LED luminaire FOCUS-GS-24-LDC-CCT-LCP



24 W / 2,9 kg



LDC, Light Distribution Curve

LIGHT PAD

Indoor lighting

This framed recessed ceiling luminaire has unique parameters of the optical module. Its orientation on the ceiling plane does not affect the parameters of the light spot, which helps emphasize the strong points of the space and successfully use the device to create light scenes and interior zoning. The advantages of this model include visually comfortable optics and high light output.

FOCUS-W2 Luminaire Parameters

Rated Power Consumption	20–40 W
Light Output	110 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 54
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

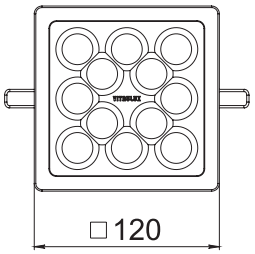
Material	aluminium
Mounting	embedded
Protective glass	tampered glass
Recommended height	4–5 m

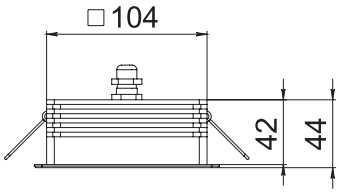
Colour Temperature – Correlated Colour Temperature

01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

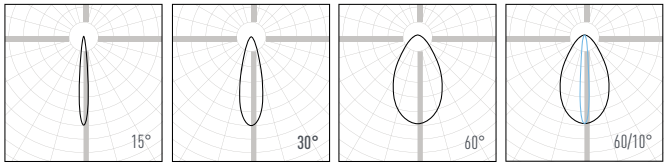
CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDi

LED luminaire FOCUS-W2-20-LDC-CCT-LCP



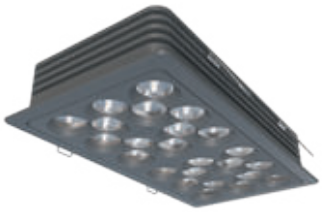


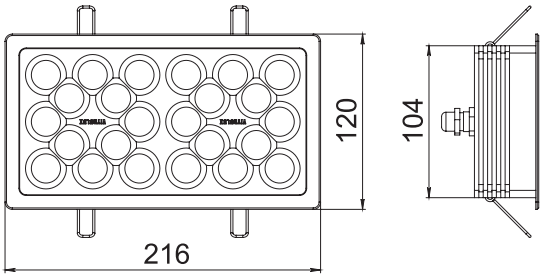
20 W / 1.8 kg

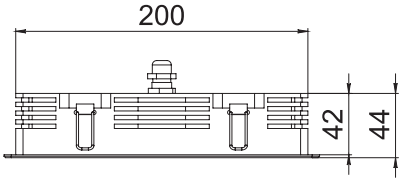


LDC, Light Distribution Curve

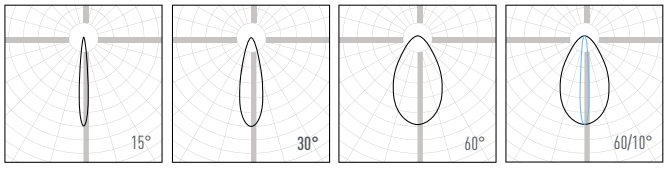
LED luminaire FOCUS-W2-40-LDC-CCT-LCP







40 W / 3.6 kg



LDC, Light Distribution Curve

CONUS

Indoor lighting

The modern raster recessed ceiling luminaire of a classic shape with a fixed optical module provides a high quality light cone when projected onto the working plane and ensures a smooth and soft illumination. Depending on the interior requirements, the inner side of the reflector can be painted in any desired colour to meet additional requirements for visual comfort. This option significantly expands the model range and application possibilities of the luminaire.

FOCUS-ML Luminaire Parameters

Rated Power Consumption	12 W
Light Output	110 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 44
Supply Voltage	220 V
Climatic Version	UKHL2 (from –45°C to +45°C)
Warranty	5 years

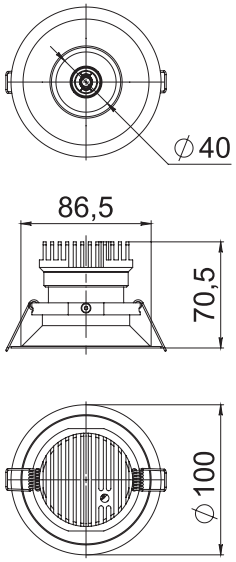
Material	aluminium
Mounting	embedded
Protective glass	tampered glass
Recommended height	3–4 m

Colour Temperature – Correlated Colour Temperature

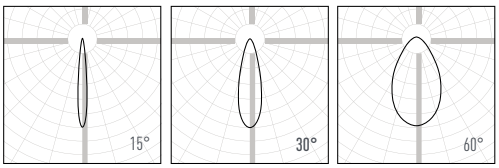
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD i

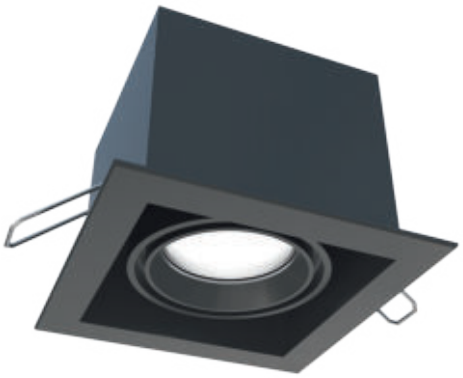
LED luminaire FOCUS-ML-12-LDC-CCT-LCP



12 W / 0.35 kg



LDC, Light Distribution Curve



QUAZAR

Indoor lighting

The raster recessed ceiling luminaire with a fixed optical module. The innovative design of this model is based on the purity of form and its semantic paradox: a black square as a source of light. The raster element allows a high quality light cone to be achieved when projected onto the work plane and creates a delicate and unobtrusive illumination. The inner side of the reflector can be painted in any desired colour depending on interior application or additional visual comfort requirements. This option significantly expands the model range and application possibilities.

FOCUS-W Luminaire Parameters

Rated Power Consumption	8 W
Light Output	110 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 44
Supply Voltage	220 V
Climatic Version	UKHL2 (from –45°C to +45°C)
Warranty	5 years

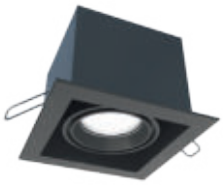
Material	aluminium
Mounting	embedded
Protective glass	tampered glass
Recommended height	3–4 m

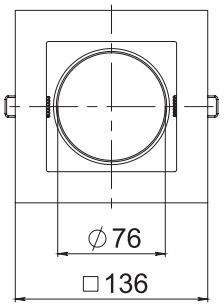
Colour Temperature – Correlated Colour Temperature

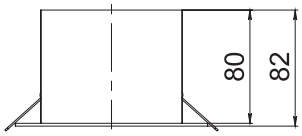
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD i

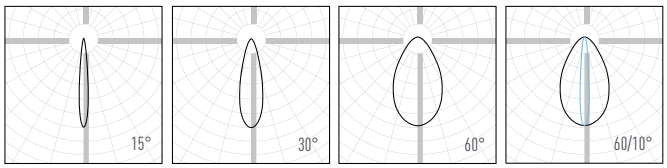
LED luminaire FOCUS-W-8-LDC-CCT-LCP







8 W / 0.7 kg



LDC, Light Distribution Curve


VITRULUX

MALTA

Decorative lighting

The recessed luminaire has a distinctive landscape theme. The circular sectoral light is generated by an innovative conical cylindrical diffuser with an LED element deep down in the optical module. The visual effect of the spot of light, as if crossed with shadow strokes, makes it possible to set accents and highlight the significant parts of the terrain. The luminaire has increased strength and static load characteristics.

FOCUS-BF Luminaire Parameters

Rated Power Consumption	8 W
Light Output	50 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/ 95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 67
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

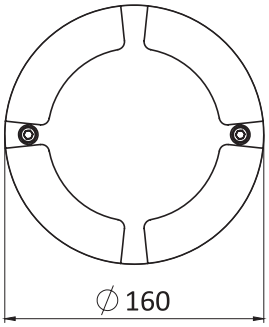
Material	aluminium
Mounting	into the ground
Protective glass	tampered glass

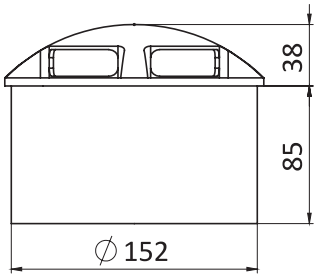
Colour Temperature – Correlated Colour Temperature

01	02	03	04	05	06	56	07	08	09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	RGB	RGBW	TW	6000K	6500K

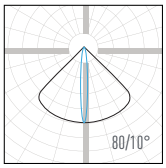
CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD+

LED luminaire FOCUS-BF-8-D-CCT-LCP





8 W / 2.7 kg



LDC, Light Distribution Curve

PARK BASE

Landscape lighting

Creating proactive lighting images of natural sites remains an important landscape design objective. The FOCUS-TW luminaire, specially designed by Vitrulux engineers to meet this challenge, is one of the great tools for lighting green spaces. The protruding edges of the light module accentuate the techno shape of the model. The LED power element is installed in the base of the luminaire. The perfect and reliable adjustment mechanism of the light module ensures stable fixation of the light beam direction.

FOCUS-TW Luminaire Parameters

Rated Power Consumption	18 W
Light Output	110 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 67
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

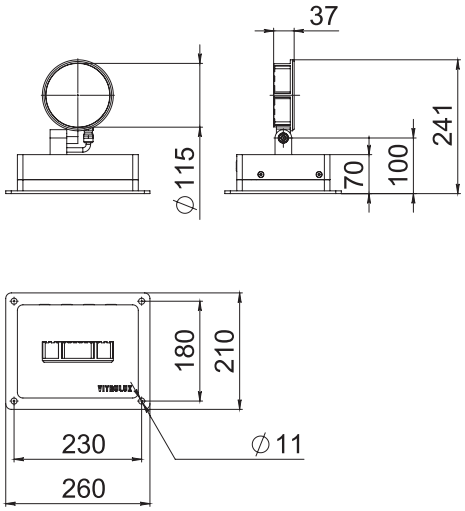
Material	aluminium
Mounting	anchor embedded
Protective glass	tampered glass

Colour Temperature – Correlated Colour Temperature

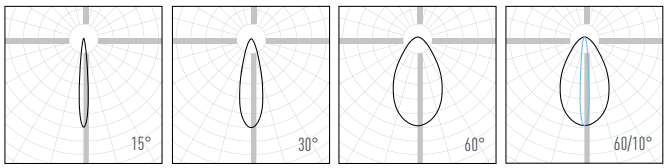
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDi

LED luminaire FOCUS-TW-18-LDC-CCT-LCP

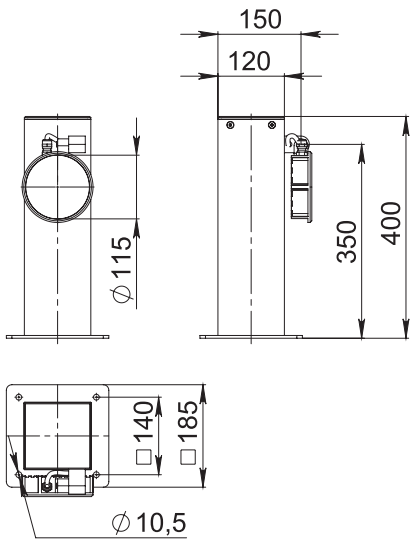


18 W / 3 kg

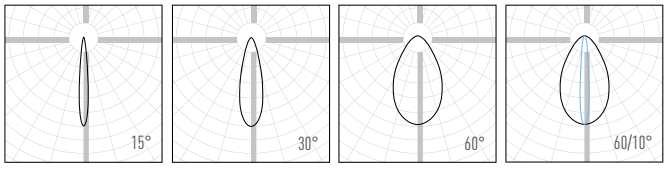


LDC, Light Distribution Curve

LED luminaire FOCUS-TW1-18-LDC-CCT-LCP



18 W / 15,6 kg



LDC, Light Distribution Curve

LIGHTER MEDIUM

Landscape lighting

The high performance LED luminaire in vandal-proof design. The fully milled body is coated with polymer powder paint, ensuring its durability and maximum resistance to aggressive environmental influences, including salt and chemical reagents. The optical module is adjustable in two planes, providing up to 20 degrees of tilt and 340 degrees of rotation. The advanced LED module gives perfect projection of light on the working plane.

FOCUS-TD Luminaire Parameters

Rated Power Consumption	18 W
Light Output	110 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 68
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

Material	aluminium
Mounting	into the ground
Protective glass	tampered glass

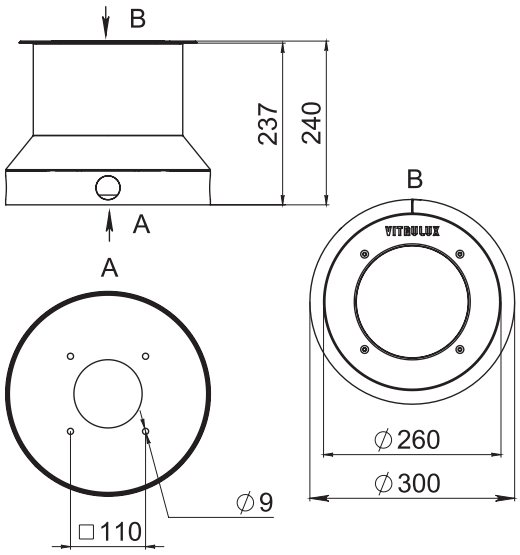
Colour Temperature – Correlated Colour Temperature

01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

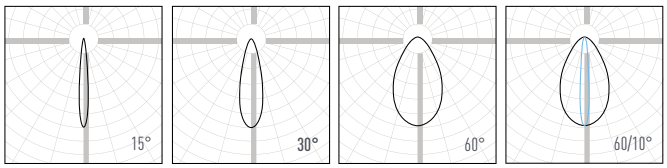
CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD i

LIGHTER MEDIUM

LED luminaire FOCUS-TD-18-LDC-CCT-LCP



18 W / 18.8 kg



LDC, Light Distribution Curve

LIGHTER SMALL

Landscape lighting

A compact recessed LED ground luminaire in vandal-proof design. The fully milled body is coated with polymer powder paint, ensuring its durability and maximum resistance to aggressive environmental influences, including salt and chemical reagents. The upper locking ring is made of stainless steel. A fixed optic element is built into the light module. The luminaire is equipped with a power supply unit and a drainage system.

FOCUS-RM Luminaire Parameters

Rated Power Consumption	8 W
Light Output	110 lm/W
Shock Resistance Class	IK 09
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 68
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

Material	aluminium
Mounting	into the ground
Protective glass	tampered glass

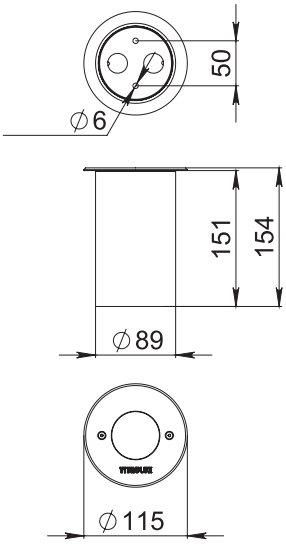
Colour Temperature – Correlated Colour Temperature

01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

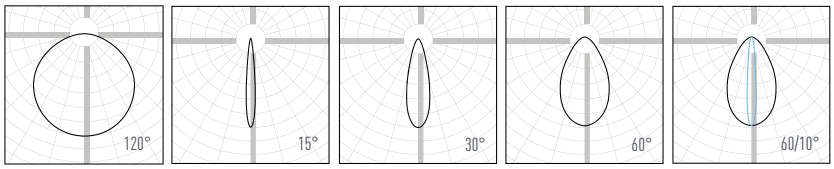
CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD i

LIGHTER SMALL

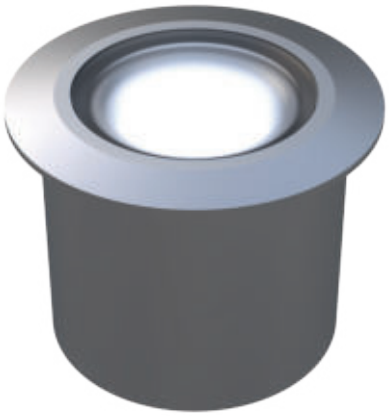
LED luminaire FOCUS-RM-8-LDC-CCT-LCP



8 W / 1.8 kg



LDC, Light Distribution Curve



LEDS

Architectural and artistic lighting

A high performance LED luminaire in vandal-proof design. The fully milled body is coated with polymer powder paint, ensuring its durability and maximum resistance to aggressive environmental influences, including salt and chemical reagents. The advanced LED module gives perfect projection of light on the working plane.

FOCUS-RO Luminaire Parameters

Rated Power Consumption	5 W
Light Output	100 lm/W
Shock Resistance Class	IK 09
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 68
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

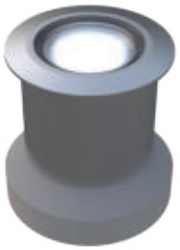
Material	aluminium
Mounting	into the ground
Protective glass	tampered glass

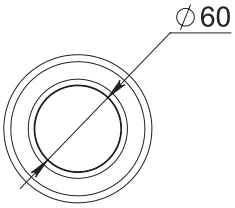
Colour Temperature – Correlated Colour Temperature

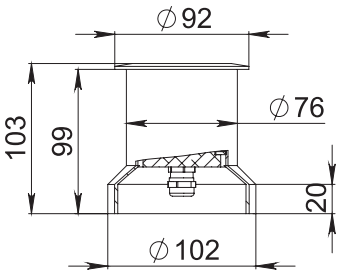
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD i

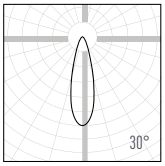
LED luminaire FOCUS-RO-5-30-02-01







5 W / 0.75 kg



LDC, Light Distribution Curve

LOGIC

Architectural and artistic lighting

A compact recessed LED ground luminaire in vandal-proof design. The fully milled body is coated with polymer powder paint, ensuring its durability and maximum resistance to aggressive environmental influences, including salt and chemical reagents. The upper locking ring is made of stainless steel. A fixed optic element is built into the light module. The luminaire is equipped with a power supply unit and a drainage system.

FOCUS-SA Luminaire Parameters

Rated Power Consumption	5 W
Light Output	100 lm/W
Shock Resistance Class	IK 09
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 68
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

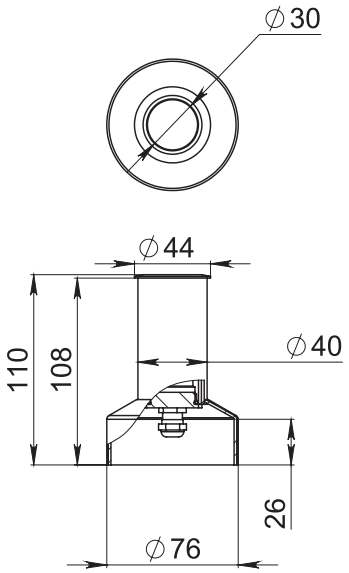
Material	aluminium
Mounting	into the ground
Protective glass	tampered glass

Colour Temperature – Correlated Colour Temperature

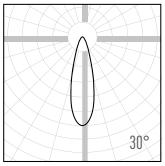
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD i

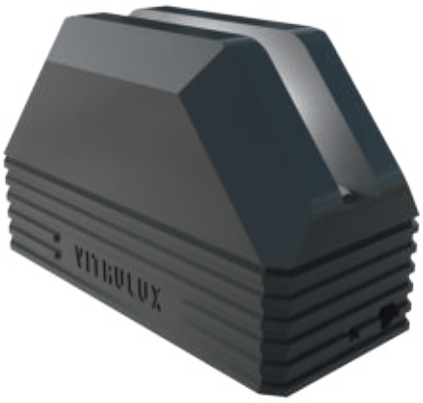
LED luminaire FOCUS-SA



5 W / 0.3 kg



LDC, Light Distribution Curve



FOCUS RGB

Architectural and artistic lighting

When reaching the surface, delicate lines of light form a volume, fill the space, emphasize the depth or highlight the plane. They can be used to give a new interpretation to architectural elements, change the perspective of perception and teach to see the obscure. The RGBW version is available with a remote power supply and a four-channel DMX control board. The monochrome version of the luminaire has a built-in power supply.

FOCUS-LC Luminaire Parameters

Rated Power Consumption	8 W
Light Output	45 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

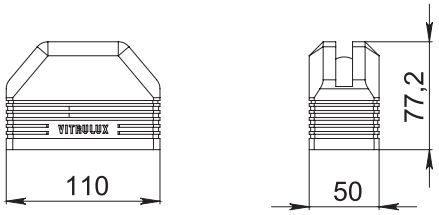
Material	aluminium
Mounting	surface-mounted/ embedded
Protective glass	tempered glass

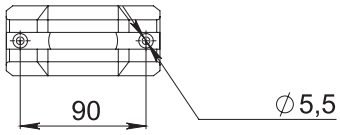
Colour Temperature – Correlated Colour Temperature

01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

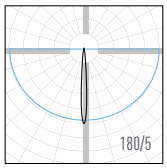
CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDi

LED luminaire FOCUS-LC-8-180°+5°-CCT-LCP





8 W / 0.7 kg



LDC, Light Distribution Curve

DL SERIES

DL SERIES

PUBLIC

Indoor lighting

The luminaire is designed for installation in suspended Grillato or Armstrong type ceilings and plasterboard ceiling structures. The pure simplistic shape of the model is highly functional. Despite the high light emission of the LED module, the design features of the device help to significantly reduce the glare effect, which becomes a weighty argument when choosing this luminaire for lighting office spaces, public areas or industrial premises requiring increased visual comfort.

DL-SQ Luminaire Parameters

Rated Power Consumption	36 W
Light Output	90 lm/W
Shock Resistance Class	IK 06
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 54
Supply Voltage	220 V
Climatic Version	UKHL2 (from –45°C to +45°C)
Warranty	5 years

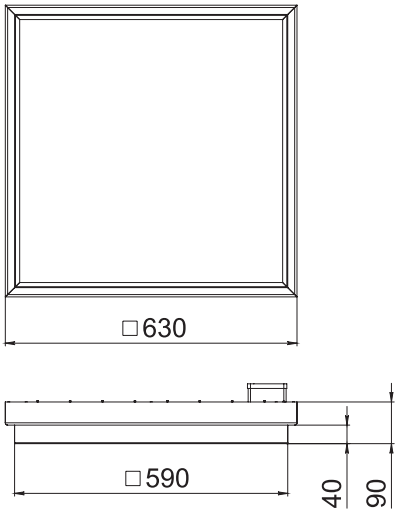
Material	aluminium
Mounting	embedded
Protective glass	plastic
Recommended height	2.5–4 m

Colour Temperature – Correlated Colour Temperature

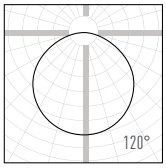
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDi

LED luminaire DL-SQ-36-120-CCT-LCP



36 W / 4.8 kg



LDC, Light Distribution Curve

CIRCLE

Indoor lighting

The classic lowered height ceiling luminaire is designed using an advanced LED light matrix. The image of the luminous disc, reinterpreted in line with current lighting design trends, is appropriate in a variety of stylistic environments, including commercial and office spaces. A diode module is located in the side diameter of the luminaire body, providing soft lighting with a side or vertical view.

DL-CM Luminaire Parameters

Rated Power Consumption	20 W
Light Output	90 lm/W
Shock Resistance Class	IK 06
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 44
Supply Voltage	220 V
Climatic Version	UKHL2 (from –40°C to +40°C)
Warranty	5 years

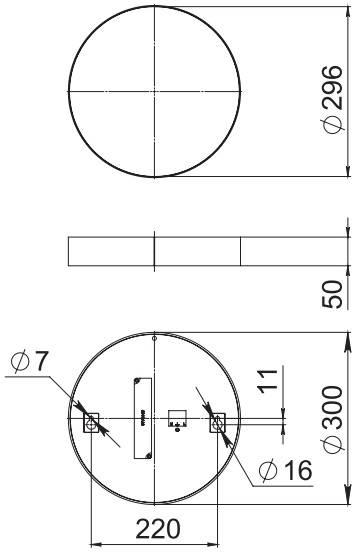
Material	aluminium
Mounting	embedded
Protective glass	plastic
Recommended height	2.5–4 m

Colour Temperature – Correlated Colour Temperature

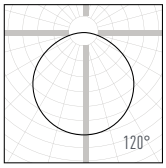
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDI

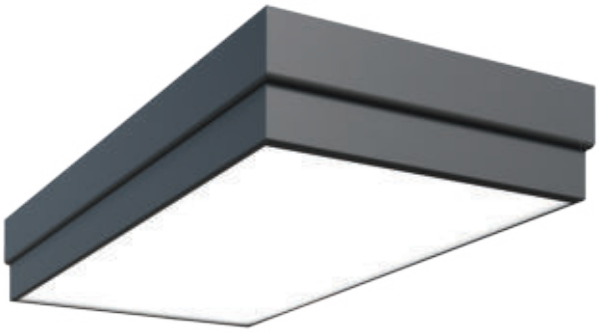
LED luminaire DL-CM-20-120-CCT-LCP



20 W / 3.3 kg



LDC, Light Distribution Curve



VISION

Indoor lighting

The luminaire is designed for installation in suspended Grillato or Armstrong type ceilings and plasterboard ceiling structures. The design of the model conjures up associations with a window, visually enlarging the room and filling it with additional "air." Despite the high light emission of the LED module, the design features of the device allow to reduce the glare effect significantly, which becomes a weighty argument when choosing this luminaire for office spaces, public areas or industrial premises requiring increased visual comfort.

DL-RC Luminaire Parameters

Rated Power Consumption	18–36 W
Light Output	90 lm/W
Shock Resistance Class	IK 06
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 44
Supply Voltage	220 V
Climatic Version	UKHL2 (from –40°C to +40°C)
Warranty	5 years

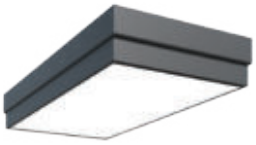
Material	aluminium
Mounting	embedded
Protective glass	plastic
Recommended height	2.5–4 m

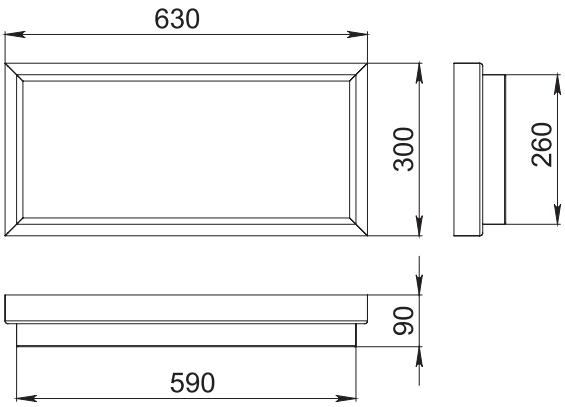
Colour Temperature – Correlated Colour Temperature

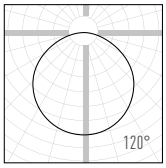
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDi

LED luminaire DL-RC-18-120-CCT-LCP



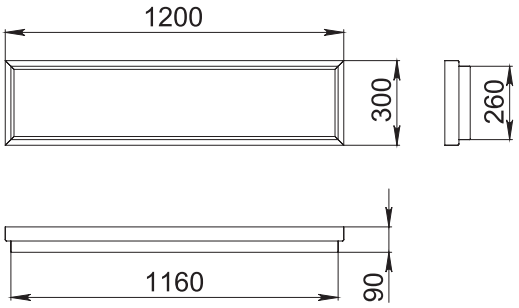


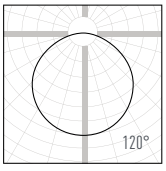


LDC, Light Distribution Curve

18 W / 3 kg

LED luminaire DL-RC-36-120-CCT-LCP





LDC, Light Distribution Curve

36 W / 5.2 kg

COLLAR

Indoor lighting

The luminaire of original design, made in the form of a suspended circular structure designed to floodlight interiors of residential or public spaces. A balanced suspended ceiling system creates the illusion of a floating luminous halo, bringing plasticity and lightness to interior solutions. The use of sophisticated optical LED module ensures even soft lighting.

DL-HP Luminaire Parameters

Rated Power Consumption	50–100 W
Light Output	90 lm/W
Shock Resistance Class	IK 06
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 44
Supply Voltage	220 V
Climatic Version	UKHL2 (from –40°C to +40°C)
Warranty	5 years

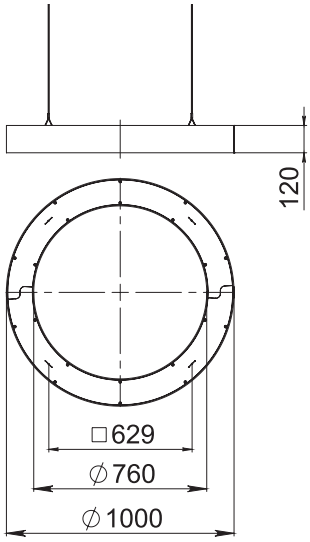
Material	aluminium
Mounting	suspended
Protective glass	plastic
Recommended height	2.5–4 m

Colour Temperature – Correlated Colour Temperature

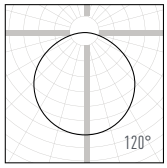
01	02	03	04	05	06	56	07	08	09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R G B	R G B W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD+

LED luminaire DL-HP1000-50-120-CCT-LCP

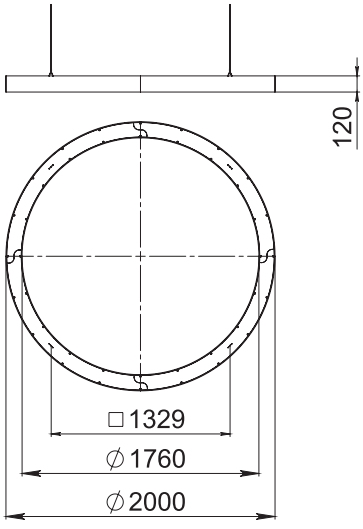


50 W / 16 kg

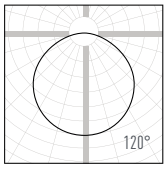


LDC, Light Distribution Curve

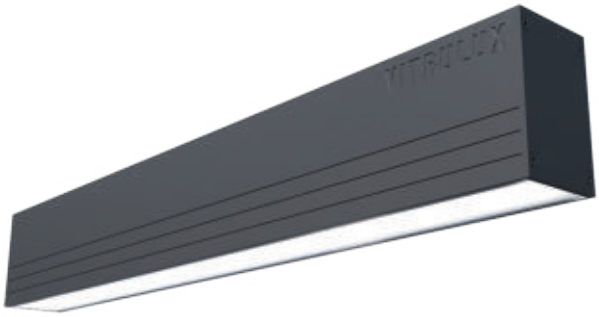
LED luminaire DL-HP2000-100-120-CCT-LCP



100 W / 33.5 kg



LDC, Light Distribution Curve



LINEAR

Indoor lighting

The model has an ultra-thin light-emitting plane with the use of innovative LED lighting. The idea of the glowing line or a stroke decorating the space is literally reflected in this model. The light-emitting diode elements are located on the inner edges of the central segment, and a special point coating of the light-emitting plane distributes and redirects the light flow, forming a smooth, soft lighting pleasant for the eyes. Due to the use of an ultra-thin plane, the power supply unit is placed outside the device.

DL-LS Luminaire Parameters

Rated Power Consumption	15–30 W
Light Output	90 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 44
Supply Voltage	220 V
Climatic Version	UKHL2 (from –40°C to +40°C)
Warranty	5 years

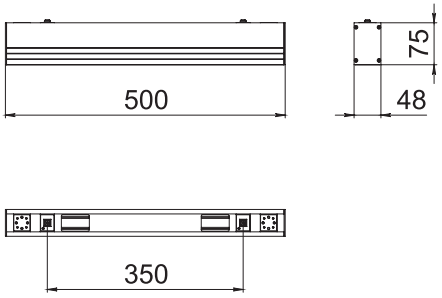
Material	aluminium
Mounting	surface-mounted
Protective glass	plastic
Recommended height	2.5–4 m

Colour Temperature – Correlated Colour Temperature

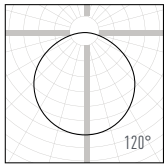
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDi

LED luminaire DL-LS500-15-120-CCT-LCP

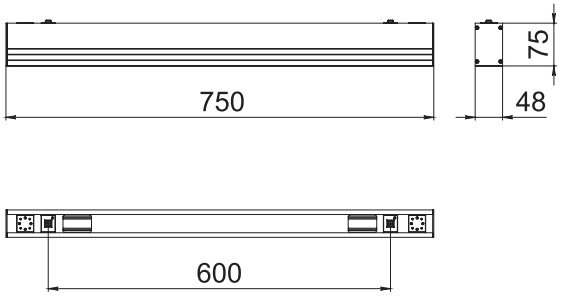


15 W / 2 kg

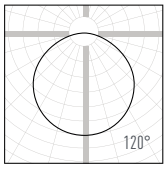


LDC, Light Distribution Curve

LED luminaire DL-LS750-22-120-CCT-LCP

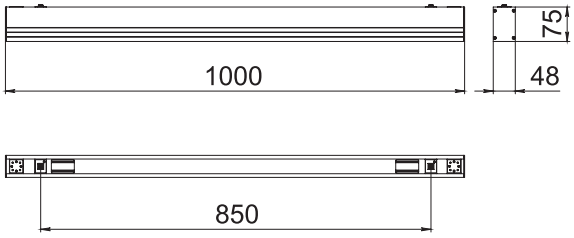


22 W / 3 kg

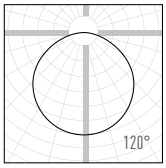


LDC, Light Distribution Curve

LED luminaire DL-LS1000-30-120-CCT-LCP



30 W / 4 kg



LDC, Light Distribution Curve

CORNER

Indoor/industrial lighting

A profile linear luminaire of original design specially devised to illuminate corridors and office spaces. It is the optimum way to create smooth illumination without focusing the light fields on the wall fixtures. Inside the body there is additional space for wiring and fire protection elements. The design features of this model allow you to level out the glare effect of the LED module.

DL-AN Luminaire Parameters

Rated Power Consumption	10–45 W
Light Output	90 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 54
Supply Voltage	220 V
Climatic Version	UKHL2 (from –45°C to +45°C)
Warranty	5 years

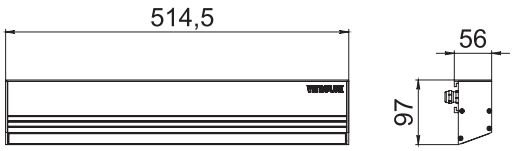
Material	aluminium
Mounting	surface-mounted
Protective glass	plastic
Recommended height	2.5–4 m

Colour Temperature – Correlated Colour Temperature

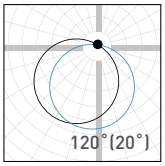
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire DL-AN500-10-120˚(20˚)-CCT-LCP

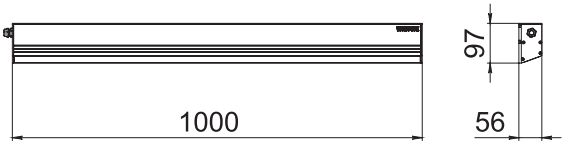


10 W / 1.5 kg

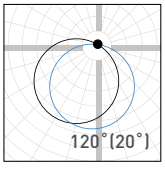


LDC, Light Distribution Curve

LED luminaire DL-AN1000-15-120˚(20˚)-CCT-LCP

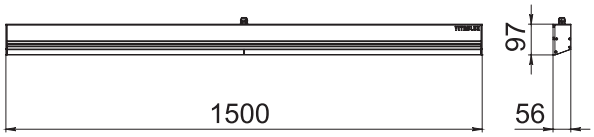


15 W / 2.1 kg

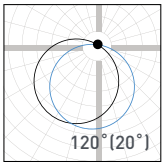


LDC, Light Distribution Curve

LED luminaire DL-AN1500-45-120˚(20˚)-CCT-LCP



45 W / 5.3 kg



LDC, Light Distribution Curve

SUSPENSION L

Indoor lighting

This linear profile luminaire of original design is specially designed to illuminate various passageways and corridors. This model is the perfect interior solution if you need to create an even illumination with a light accent on fixture wall. The design features of the luminaire make it possible to compensate for the glare effect of the LED module.

DL-LN Luminaire Parameters

Rated Power Consumption	36 W
Light Output	90 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 44
Supply Voltage	220 V
Climatic Version	UKHL2 (from –40°C to +40°C)
Warranty	5 years

Material	aluminium
Mounting	suspended
Protective glass	plastic
Recommended height	2.5–4 m

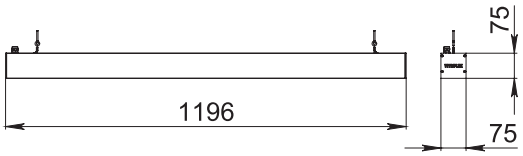
Colour Temperature – Correlated Colour Temperature

01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

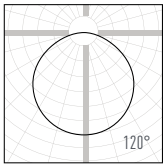
CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDi

SUSPENSION L

LED luminaire DL-LN1200-36-120-CCT-LCP



36 W / 3.7 kg



LDC, Light Distribution Curve

ICER

Indoor lighting

The luminaire with an ultra-thin light-emitting plane with LED illumination along the edge of the device. The light-filled transparent "ice" rectangle is wrapped with an aluminium strip. Light emitting LED elements are along the inner edges of the central segment. A special point coating of the light-emitting plane distributes and redirects the luminous flux, forming soft lighting pleasant for the eyes. The use of an ultra-thin plane prevents from putting the power supply inside the device, so it is designed outside the body.

DL-RR Luminaire Parameters

Rated Power Consumption	40 W
Light Output	110 lm/W
Shock Resistance Class	IK 06
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 44
Supply Voltage	220 V
Climatic Version	UKHL2 (from –40°C to +40°C)
Warranty	5 years

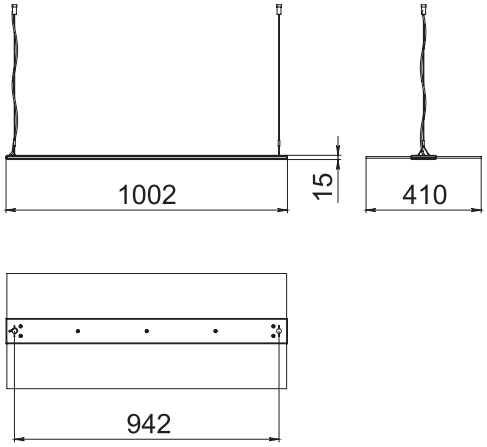
Material	aluminium
Mounting	suspended
Protective glass	plastic
Recommended height	2.5–4 m

Colour Temperature – Correlated Colour Temperature

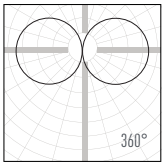
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDi

LED luminaire DL-RR-25-120-CCT-LCP



25 W / 3 kg



LDC, Light Distribution Curve

VITRURING SERIES

VITRURING SERIES

BOX UP

Architectural and artistic lighting

The cube, as a simple geometric figure, is a popular element of architectural decor. The laconic luminaire with its simple shape is ideal for the implementation of lighting concepts in a wide variety of projects. The mounting element of the device, a simple wall bracket, clearly fixes the direction of the beam, adding an additional feature to the subdued design of the light module.

VITRURING-SC Luminaire Parameters

Rated Power Consumption	18 W
Light Output	110 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 67
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

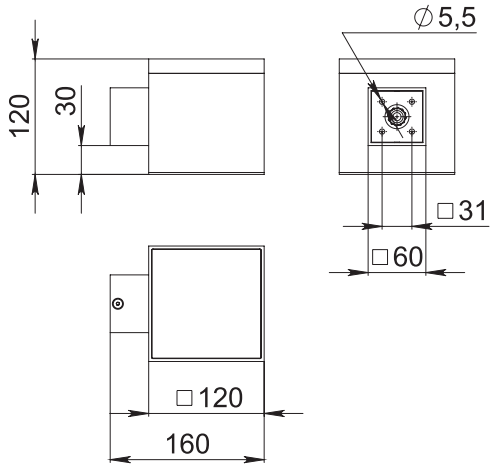
Material	aluminium
Mounting	surface-mounted
Protective glass	tempered glass

Colour Temperature – Correlated Colour Temperature

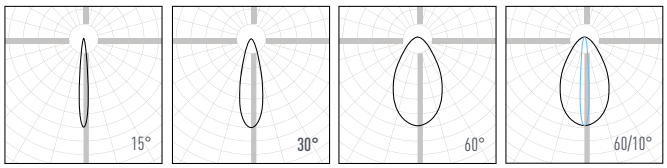
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDi

LED luminaire VITRURING-SC-18-LDC-CCT-LCP



18 W / 2.1 kg



LDC, Light Distribution Curve

ROLL UP

Architectural and artistic lighting

The simple cylindrical shape of the luminaire embodies the concept of visual purity. It helps to achieve a holistic perception of the illuminated space, successfully introduced in both classic and modern exteriors.

VITRURING-D180 Luminaire Parameters

Rated Power Consumption	40 W
Light Output	110 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 67
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

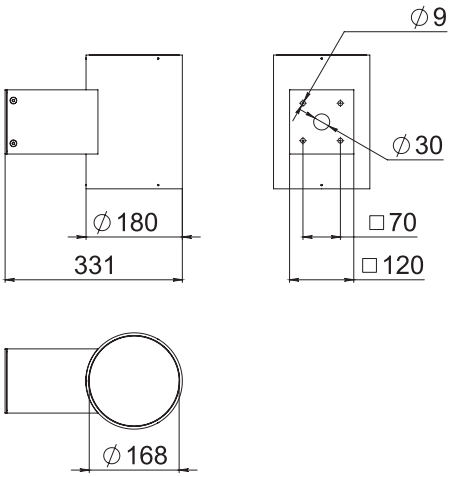
Material	aluminium
Mounting	surface-mounted
Protective glass	tampered glass

Colour Temperature – Correlated Colour Temperature

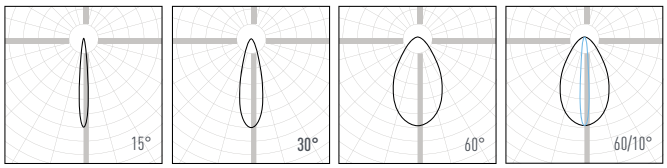
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · be DMX · ZD

LED luminaire VITRURING-D180-40-LDC-CCT-LCP



40 W / 6.5 kg



LDC, Light Distribution Curve

CUP

Architectural and artistic lighting

Vitrulux designers have created a wall luminaire that can become a flawless part of construction décor. The VITRURING-VR device, which is shaped like a column element, is ideal for implementing lighting concepts in a wide variety of projects. The smooth external body with no vertical corners is complemented by a simple wall bracket that clearly fixes the direction of the beams.

VITRURING-VR Luminaire Parameters

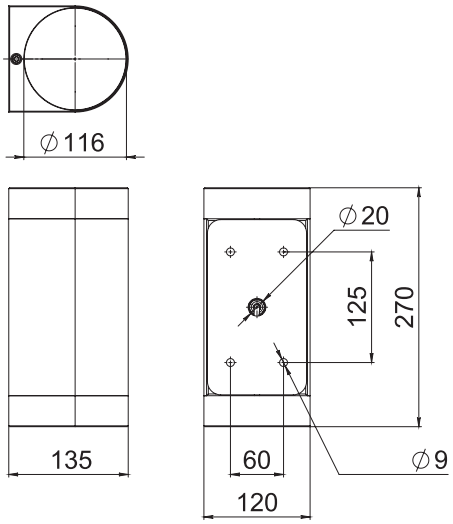
Rated Power Consumption	2X18 W
Light Output	110 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 67
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

Material	aluminium
Mounting	surface-mounted
Protective glass	tampered glass

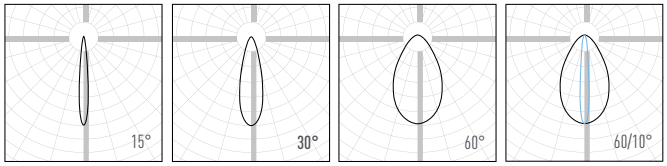
Colour Temperature – Correlated Colour Temperature

01	02	03	04	05	06	56	07	08	09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R G B	R G B W	TW	6000K	6500K

LED luminaire VITRURING-VR-18-LDC-CCT-LCP



2X18 W / / 3.2 kg



LDC, Light Distribution Curve

TEHO

Architectural and artistic lighting

High-efficiency secondary optics maximizes the intensity of LED modules at the output of the device. The unique design of this double-beam cylindrical luminaire with functional ring ribs of the cooling radiator and a clear strictly aligned geometric shape of the body make this device popular in modern exterior design.

VITRURING-RD Luminaire Parameters

Rated Power Consumption	2X12–2X18 W
Light Output	110 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 67
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

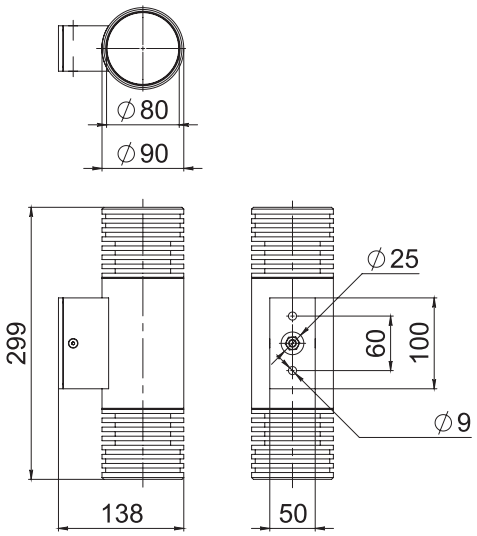
Material	aluminium
Mounting	surface-mounted
Protective glass	tampered glass

Colour Temperature – Correlated Colour Temperature

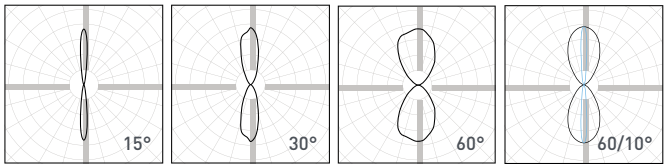
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDi

LED luminaire VITRURING-RD90-2X12-LDC-CCT-LCP

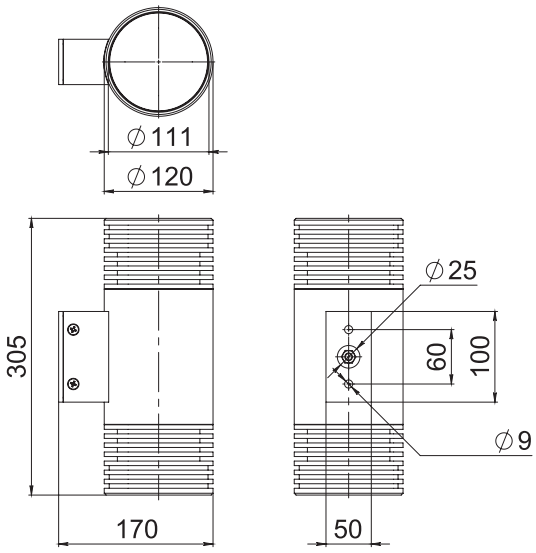


2X12 W / 3 kg

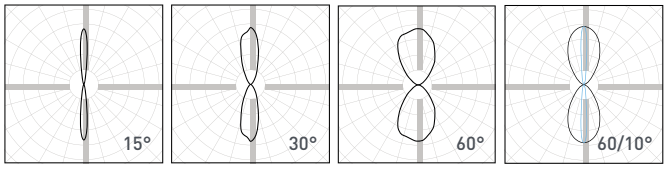


LDC, Light Distribution Curve

LED luminaire VITRURING-RD120-2X18-CCT-LCP



2X18 W / 5.9 kg



LDC, Light Distribution Curve

TEHO SQUARE

Architectural and artistic lighting

The unique techno design of this double-beam cylindrical luminaire with functional ring ribs of the cooling radiator and a clear strictly aligned geometric shape of the body make this device popular in advanced exterior design. High-efficiency secondary optics maximizes the intensity of LED modules at the output of the device.

VITRURING-SD Luminaire Parameters

Rated Power Consumption	12–20 W
Light Output	110 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 67
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

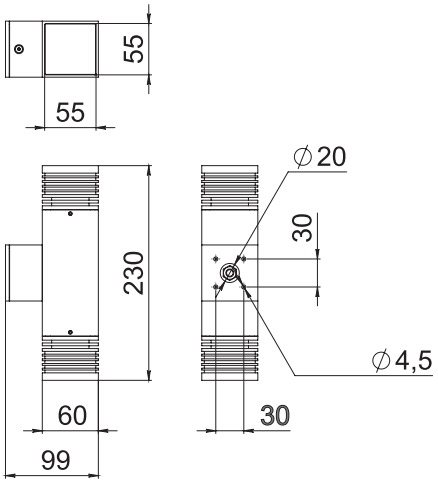
Material	aluminium
Mounting	surface-mounted
Protective glass	tempered glass

Colour Temperature – Correlated Colour Temperature

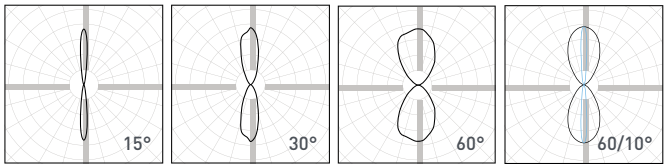
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · be DMX · ZD

LED luminaire VITRURING-SD3-2X6-LDC-CCT-LCP



2X6 W / 2.1 kg



LDC, Light Distribution Curve

VITRUBOX SERIES

VITRUBOX SERIES

QUADRA

Architectural and artistic lighting

VITRUBOX series luminaires are designed for decorative lighting design of exterior architectural elements and facade details. The innovative system of adjusting and locking the light module reduces the adjustment process to a minimum. High efficiency of light output and vibration resistance of the light module offer the widest possible applications in advanced lighting design.

VITRUBOX-A Luminaire Parameters

Rated Power Consumption	25–50 W
Light Output	120 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 67
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

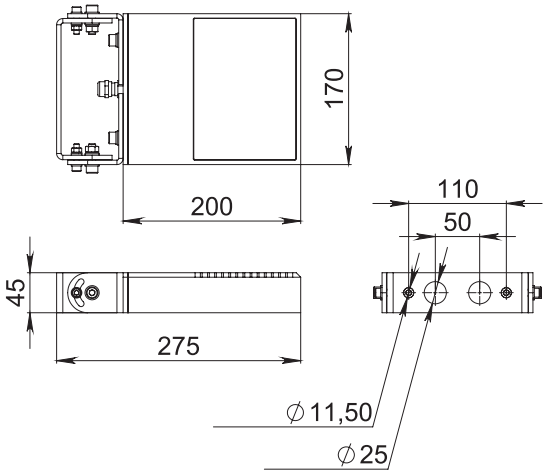
Material	aluminium
Mounting	surface-mounted
Protective glass	tampered glass

Colour Temperature – Correlated Colour Temperature

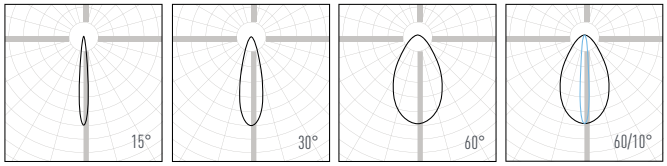
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire VITRUBOX-A-25-LDC-CCT-LCP

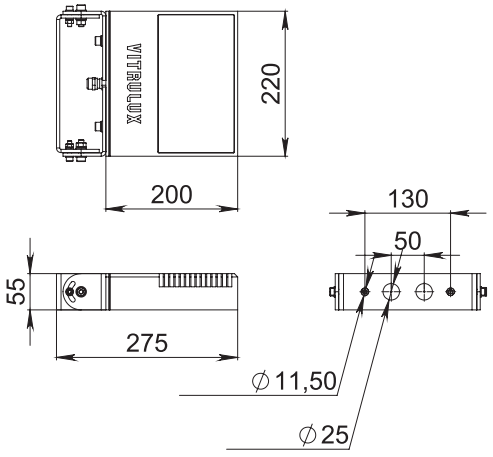


25 W / 4.2 kg

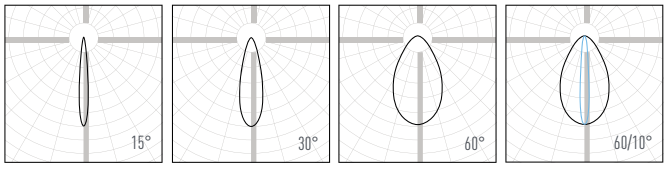


LDC, Light Distribution Curve

LED luminaire VITRUBOX-A-50-LDC-CCT-LCP



50 W / 5.9 kg



LDC, Light Distribution Curve

BRIDGE

Architectural and artistic lighting

The innovative system of adjusting and locking of the light module allows to minimize the adjustment process. High luminous efficiency and vibration resistance of the light module offer the widest possible applications in advanced lighting design.

VITRUBOX-YM Luminaire Parameters

Rated Power Consumption	25 W
Light Output	120 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 67
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

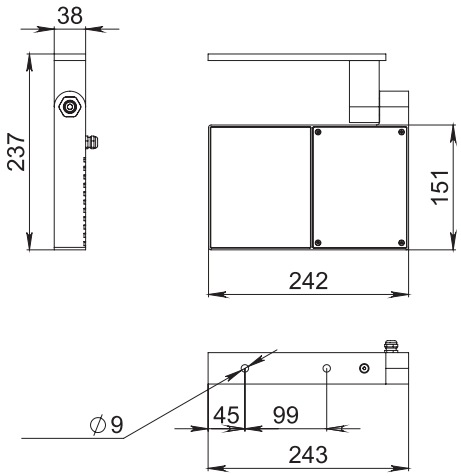
Material	aluminium
Mounting	surface-mounted
Protective glass	tampered glass

Colour Temperature – Correlated Colour Temperature

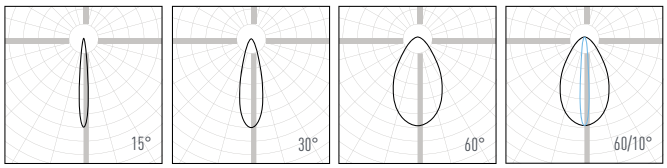
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire VITRUBOX-YM-25-LDC-CCT-LCP



25 W / 2.8 kg



LDC, Light Distribution Curve

PARALLEL

Architectural and artistic lighting

VITRUBOX series luminaires are designed for decorative lighting design of exterior architectural elements and facade details. The innovative system of adjusting and locking the light module reduces the adjustment process to a minimum. High efficiency of light output and vibration resistance of the light module open up the widest possible applications in advanced lighting design.

VITRUBOX-SN Luminaire Parameters

Rated Power Consumption	10–20 W
Light Output	120 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 67
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

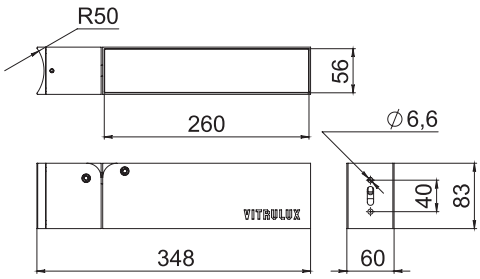
Material	aluminium
Mounting	surface-mounted
Protective glass	tampered glass

Colour Temperature – Correlated Colour Temperature

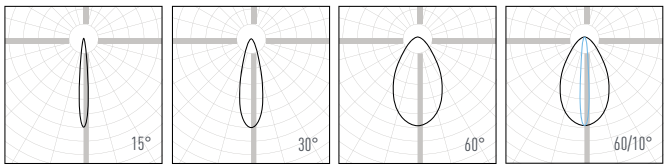
01	02	03	04	05	06	56	07	08	09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R G B	R G B W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD+

LED luminaire VITRUBOX-SN-10-LDC-CCT-LCP

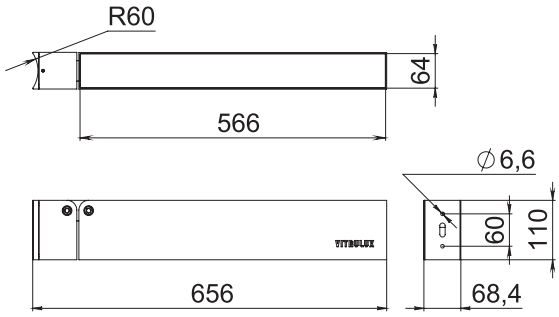


10 W / 2.5 kg

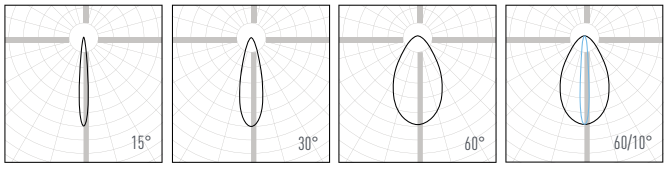


LDC, Light Distribution Curve

LED luminaire VITRUBOX-SN-20-LDC-CCT-LCP



20 W / 8.2 kg



LDC, Light Distribution Curve

VITRUWALL SERIES

VITRUWALL SERIES

STRIPE PRO

Architectural and artistic lighting

VITRUWALL luminaires, even when installed close to the façade ,have a high luminous efficacy, while maintaining a uniform luminous flux. The use of elliptical optics allows illuminating any vertical plane with light evenly without the slightest interfacing shadows. Optically transparent glass, an advanced optical LED module, integrated power supply and robust cable entries make the device a great tool for lighting design projects of any complexity.

VITRUWALL-RN Luminaire Parameters

Rated Power Consumption	18–54 W
Light Output	110 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 67
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

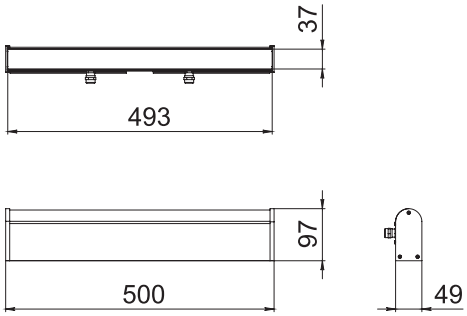
Material	aluminium
Mounting	surface-mounted with brackets
Protective glass	tempered glass

Colour Temperature – Correlated Colour Temperature

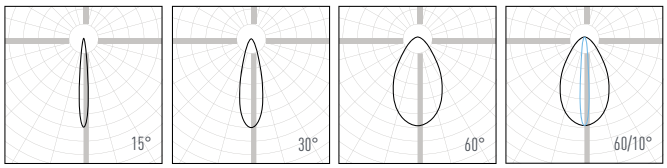
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire VITRUWALL-RN500-18-LDC-CCT-LCP

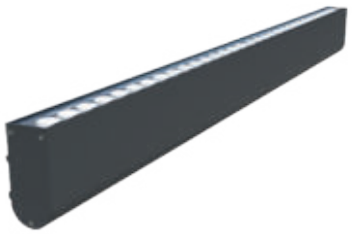


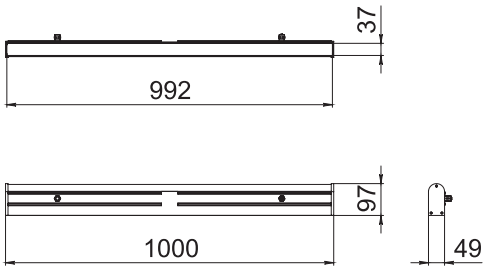
18 W / 1.7 kg



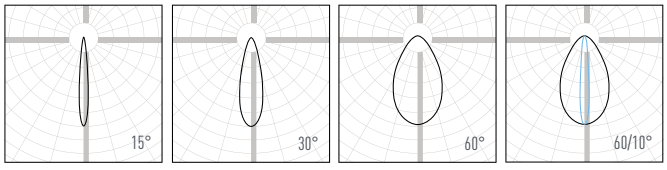
LDC, Light Distribution Curve

LED luminaire VITRUWALL-RN1000-36-LDC-CCT-LCP



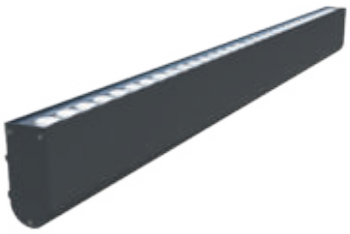


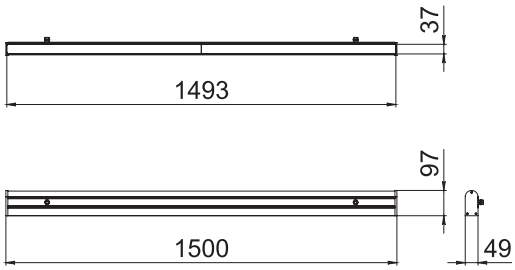
36 W / 3.2 kg



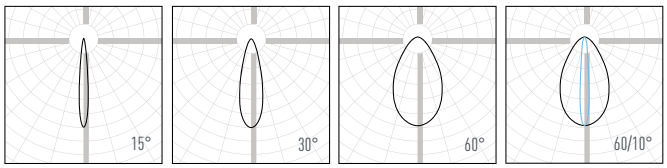
LDC, Light Distribution Curve

LED luminaire VITRUWALL-RN1500-54-LDC-CCT-LCP





54 W / 4.6 kg



LDC, Light Distribution Curve

STRIPE GROUND

Architectural and artistic lighting

VITRUWALL luminaires, even when installed close to the façade ,have a high luminous efficacy, while maintaining a uniform luminous flux. The use of elliptical optics allows illuminating any vertical plane with light evenly without the slightest interfacing shadows. Optically transparent glass, an advanced optical LED module, integrated power supply and robust cable entries make the device a great tool for lighting design projects of any complexity.

VITRUWALL-GD Luminaire Parameters

Rated Power Consumption	8–32 W
Light Output	110 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 67
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

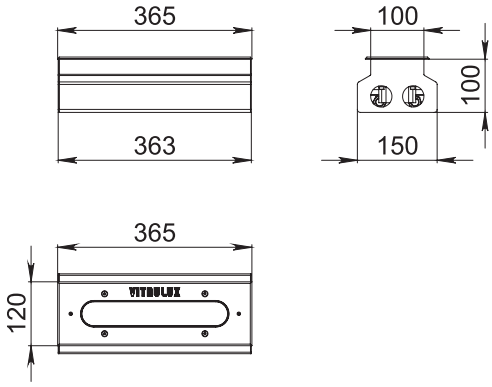
Material	aluminium
Mounting	into the ground
Protective glass	tampered glass

Colour Temperature – Correlated Colour Temperature

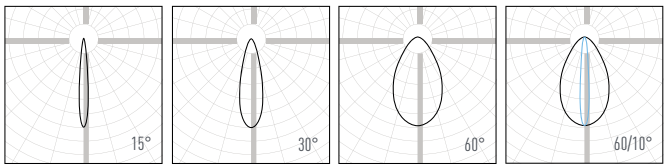
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDI

LED luminaire VITRUWALL-GD365-8-LDC-CCT-LCP

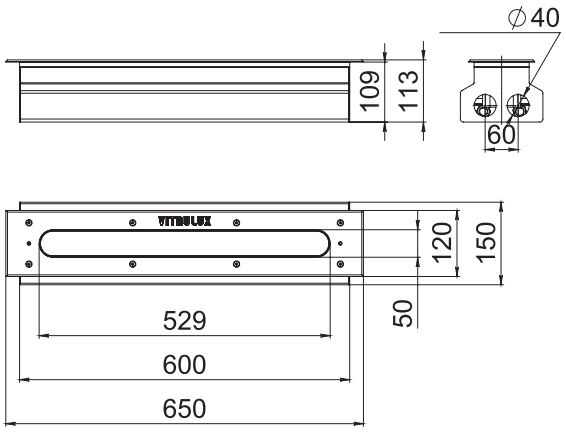


8 W / 4.8 kg

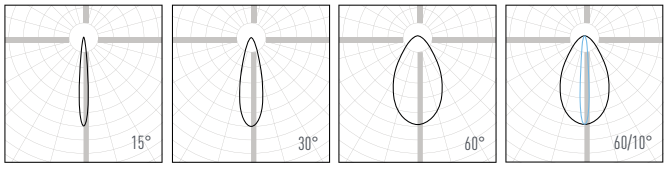


LDC, Light Distribution Curve

LED luminaire VITRUWALL-GD650-16-LDC-CCT-LCP

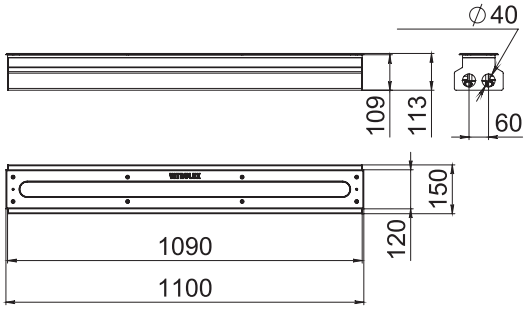


16 W / 8.1 kg

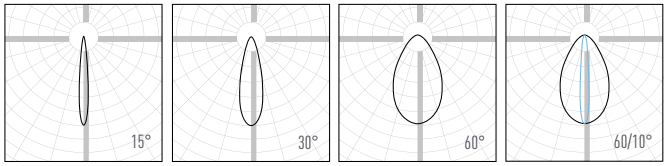


LDC, Light Distribution Curve

LED luminaire VITRUWALL-GD1200-32-LDC-CCT-LCP

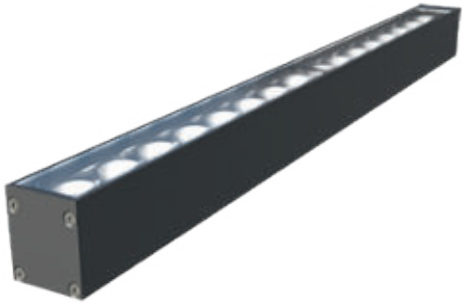


32 W / 15.1 kg



LDC, Light Distribution Curve


aliaanse
33



STRIPE MINI

Architectural and artistic lighting

VITRUWALL luminaires, even when installed close to the façade ,have a high luminous efficacy, while maintaining a uniform luminous flux. The use of elliptical optics allows illuminating any vertical plane with light evenly without the slightest interfacing shadows. Optically transparent glass, an advanced optical LED module, integrated power supply and robust cable entries make the device a great tool for lighting design projects of any complexity.

VITRUWALL-SQ Luminaire Parameters

Rated Power Consumption	10–35 W
Light Output	110 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 67
Supply Voltage	48 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

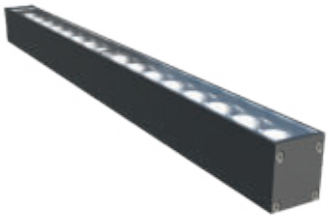
Material	aluminium
Mounting	surface-mounted with brackets
Protective glass	tampered glass

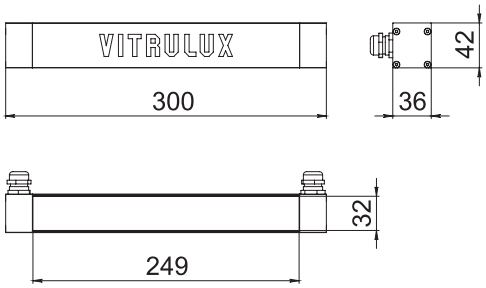
Colour Temperature – Correlated Colour Temperature

01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

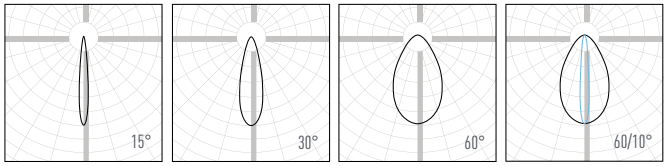
CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD i

LED luminaire VITRUWALL-SQ250-10-LDC-CCT-LCP



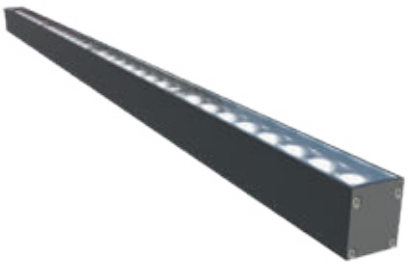


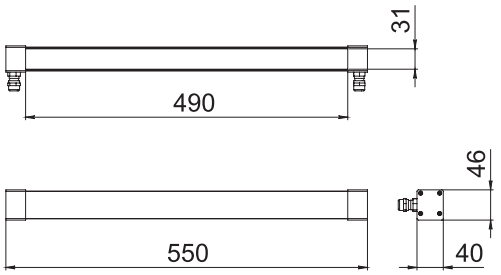
10 W / 0.9 kg



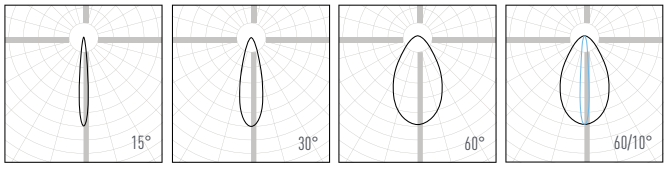
LDC, Light Distribution Curve

LED luminaire VITRUWALL-SQ550-20-LDC-CCT-LCP



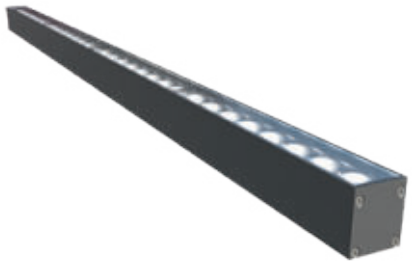


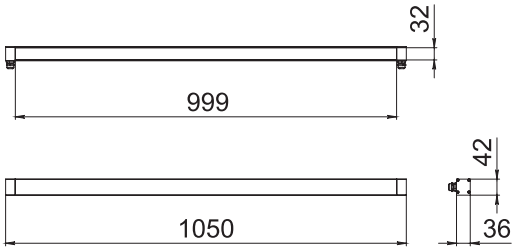
20 W / 1.6 kg



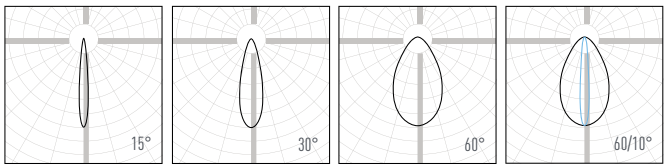
LDC, Light Distribution Curve

LED luminaire VITRUWALL-SQ1050-30-LDC-CCT-LCP



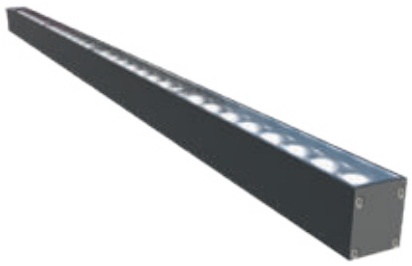


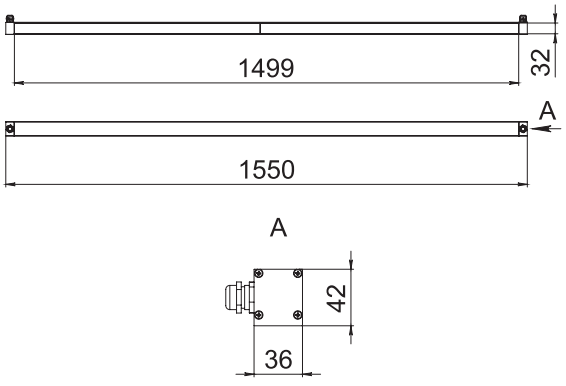
30 W / 2.2 kg



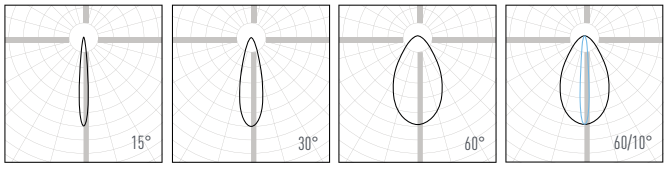
LDC, Light Distribution Curve

LED luminaire VITRUWALL-SQ1550-35-LDC-CCT-LCP





35 W / 2.7 kg



LDC, Light Distribution Curve

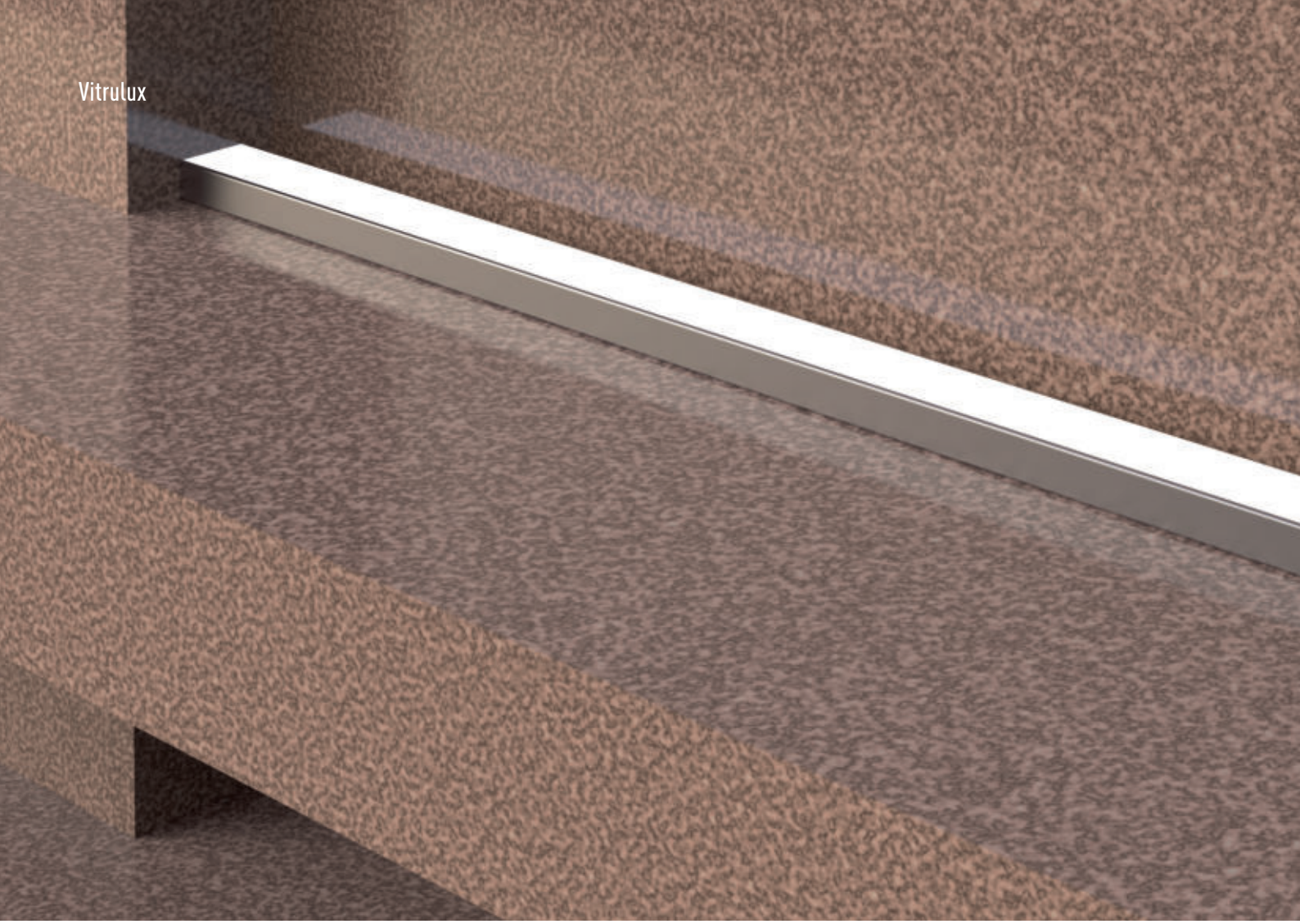
LSS SERIES

LSS SERIES

LSS PRO

Architectural and artistic lighting

The linear LED luminaire of compact design is mainly intended for decorative lighting of exterior architectural elements and façade details: cornices, inter-window spaces and balustrades. However, due to the soft diffusing effect of the light emitted by LED sources, this luminaire can be successfully integrated into various interiors of residential and public spaces. The fully milled body ensures increased durability, efficient heat dissipation, as well as high resistance to vibration loads and external environmental influences.



LSS-SQ Luminaire Parameters

Rated Power Consumption	10 W/м
Light Output	30 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 67
Supply Voltage	24 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

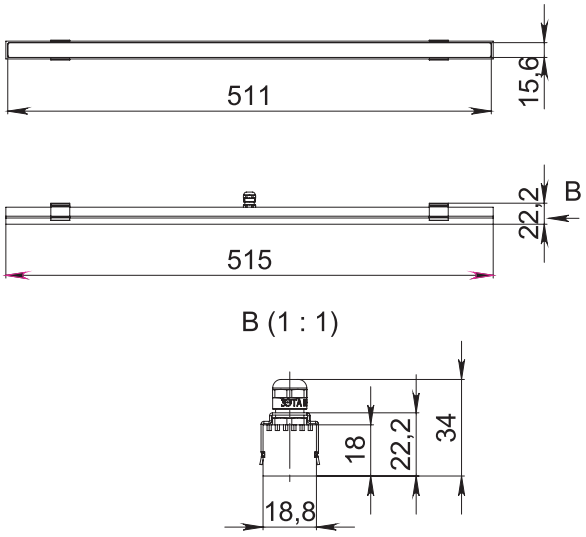
Material	aluminium
Mounting	surface-mounted /embedded with clips

Colour Temperature – Correlated Colour Temperature

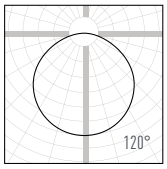
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD i

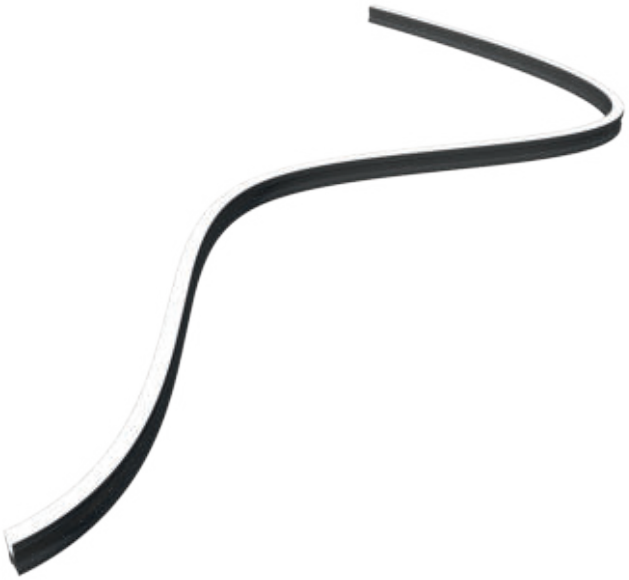
LED luminaire LSS-SQ-10-120-LDC-CCT-LCP



10 W / 0.6 kg



LDC, Light Distribution Curve



FLEX

Architectural and artistic lighting

A flexible silicone linear luminaire is a new trend in development of modern lighting technology. The profile design makes it possible to bend the luminaire with a large radius on the side perpendicular to the side of the light emission. The device does not lose its elasticity at temperatures down to –30 °C, which ensures its trouble-free maintenance. The advanced linear LED system uses current microstabilizers to improve the operation of the device.

LSS-F Luminaire Parameters

Rated Power Consumption	10 W/м
Light Output	35 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 67
Supply Voltage	24 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

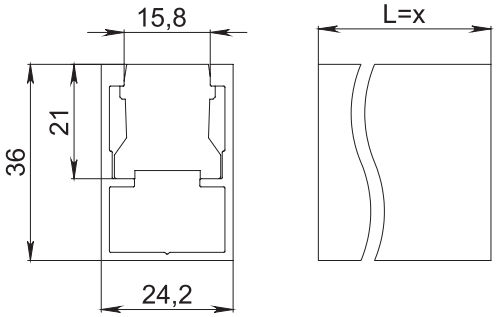
Material	aluminium
Mounting	surface-mounted /embedded with clips

Colour Temperature – Correlated Colour Temperature

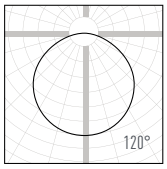
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

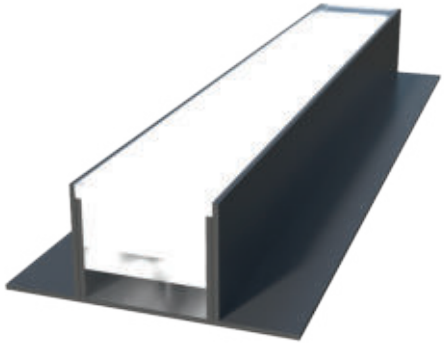
LED luminaire LSS-F-10-120-LDC-CCT-LCP



10 W / 0.4 kg



LDC, Light Distribution Curve



LSS GROUND

Architectural and artistic lighting

The linear LED luminaire, recessed into the floor or ground, is used as a decorative element of light design palette to create continuous lines of light. A modular system with a wide angle of diffusion has a number of engineering advantages. The reduced height of the outer support box provides a shallow installation depth, and the shadowless LED light emission creates soft comfortable lighting with low glare effect.

Tatneft, Almetyevsk

LSS-GR Luminaire Parameters

Rated Power Consumption	10–20 W/m
Light Output	40 lm/W
Shock Resistance Class	IK 08
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 68
Supply Voltage	24 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

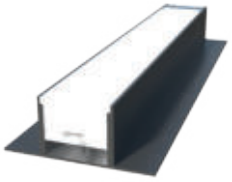
Material	aluminium
Mounting	into the ground/ embedded

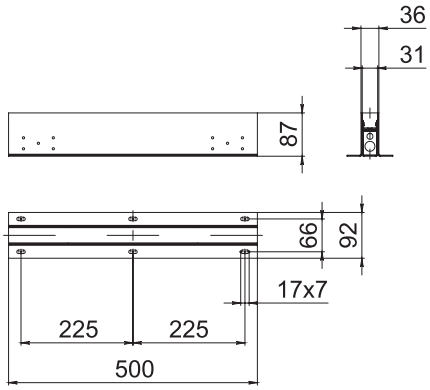
Colour Temperature – Correlated Colour Temperature

01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

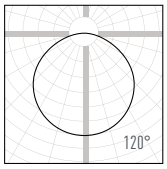
CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire LSS-GR500-10-120-LDC-CCT-LCP



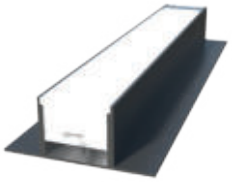


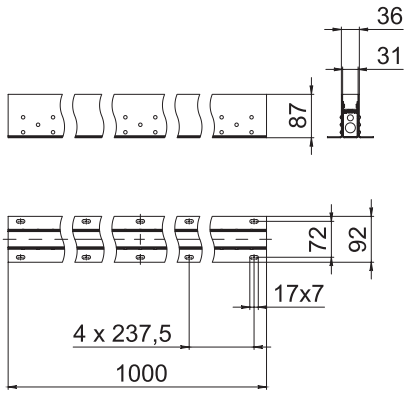
10 W / 3.5 kg



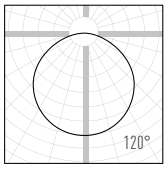
LDC, Light Distribution Curve

LED luminaire LSS-GR1000-20-120-LDC-CCT-LCP





20 W / 6.5 kg



LDC, Light Distribution Curve

LSS LINE

Architectural and artistic lighting

A linear profile LED luminaire with an original shape of the heat-sink element. The rounded radiator increases the efficiency of heat dissipation and gives a refined look to the body of the device. The LEDs arranged equidistantly along the entire length of the light module provide shadowless light emission when the modules are connected in a continuous line; and the optically transparent glass ensures high light transmission.

Gazprom neft, Saint Petersburg

LSS-A Luminaire Parameters

Rated Power Consumption	10 W/м
Light Output	35 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 67
Supply Voltage	24 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

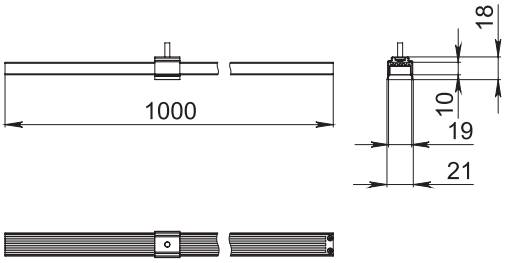
Material	aluminium
Mounting	surface-mounted /embedded with clips

Colour Temperature – Correlated Colour Temperature

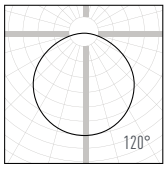
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire LSS-A-10-120-LDC-CCT-LCP



10 W / 0.45 kg



LDC, Light Distribution Curve

LSS GHOST

Architectural and artistic lighting

A linear profile LED luminaire with an original geometric shape of the heat-sinking component. The engineering solution of the radiator increases the efficiency of heat dissipation from the LED module and improves the perception of the exterior of the device. Optically transparent glass ensures high light transmission of LEDs arranged equidistant along the length of the light module, thus ensuring shadowless light emission when the modules are installed in a continuous line.

LSS-PG Luminaire Parameters

Rated Power Consumption	10 W/м
Light Output	40 lm/W
Shock Resistance Class	IK 08
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 68
Supply Voltage	24 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

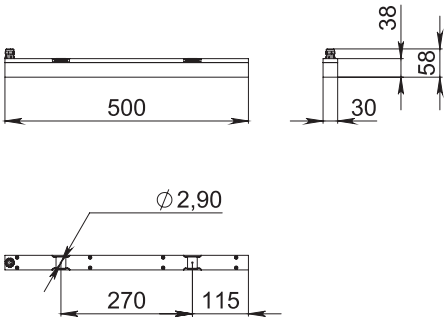
Material	aluminium
Mounting	surface-mounted /embedded with clips

Colour Temperature – Correlated Colour Temperature

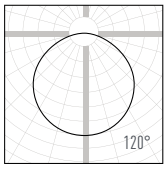
01	02	03	04	05	06	56	07	08	09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R G B	R G B W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD+

LED luminaire LSS-PG500-10-120-02-00

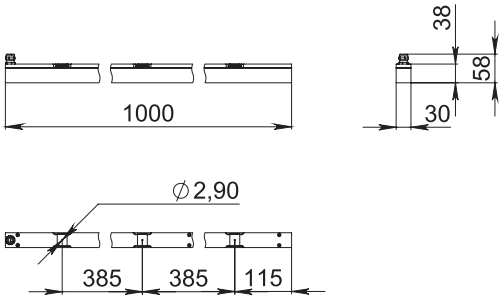


10 W / 0.9 kg

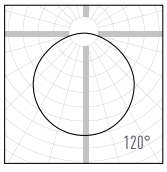


LDC, Light Distribution Curve

LED luminaire LSS-PG1000-10-120-02-00



10 W / 1.75 kg



LDC, Light Distribution Curve

SEAWAY SERIES

SEAWAY SERIES

SEAWAY

Indoor/industrial lighting

A special purpose luminaire based on an ultra-thin LED platform is used for general lighting on ships and marine infrastructure facilities. The unique design of the device, specially developed for the demanding operating conditions of vessels and marine spaces, is compliant with all the strict requirements of the Marine Register. A special diffuse material with increased mechanical and impact resistance used in the optical module provides uniform and comfortable illumination.

SEAWAY Luminaire Parameters

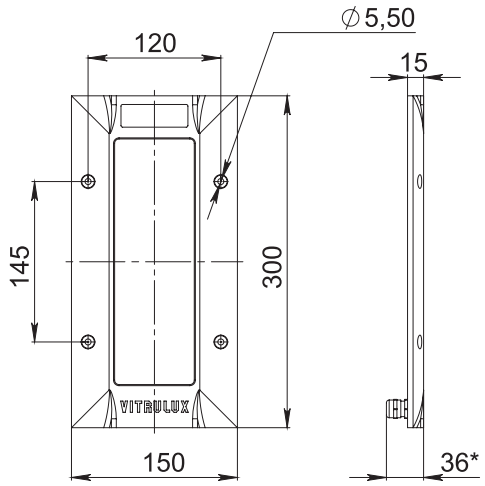
Rated Power Consumption	6–60 W
Light Output	100 lm/W
Shock Resistance Class	IK 09
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 67
Supply Voltage	220 V
Climatic Version	OMZ
Warranty	5 years
Material	aluminium
Mounting	surface-mounted /embedded in the wall/ceiling
Recommended height	2–4 m

Colour Temperature – Correlated Colour Temperature

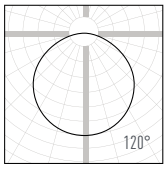
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDI

LED luminaire SEAWAY-01-6-120-LDC-CCT-LCP

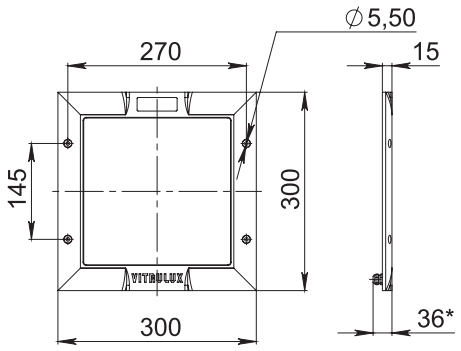


6 W / 1.1 kg

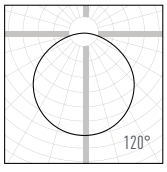


LDC, Light Distribution Curve

LED luminaire SEAWAY-02-20-120-LDC-CCT-LCP

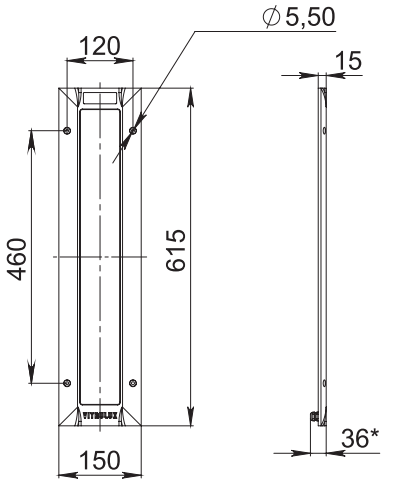


20 W / 1.8 kg

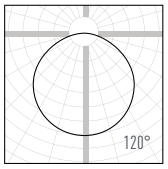


LDC, Light Distribution Curve

LED luminaire SEAWAY-03-25-120-LDC-CCT-LCP

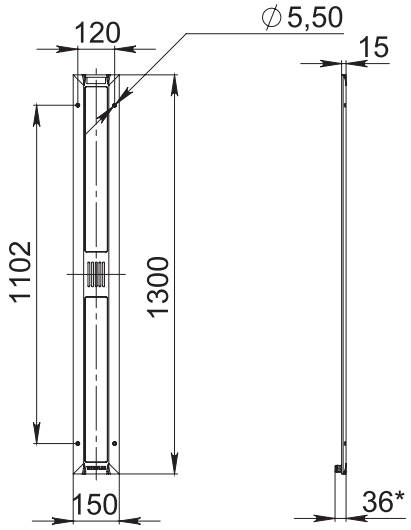


25 W / 2 kg

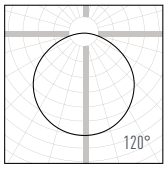


LDC, Light Distribution Curve

LED luminaire SEAWAY-04-50-120-LDC-CCT-LCP

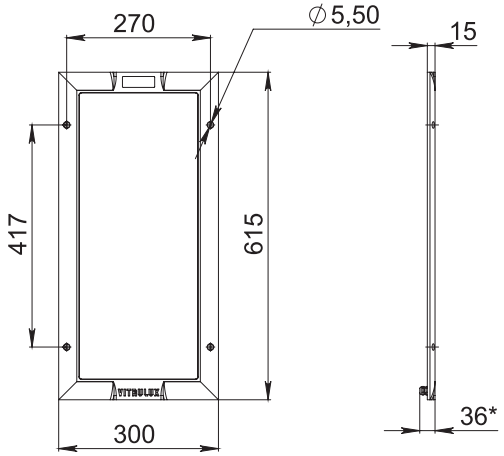


50 W / 4.4 kg

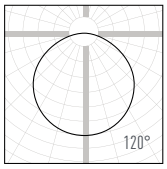


LDC, Light Distribution Curve

LED luminaire SEAWAY-05-40-120-LDC-CCT-LCP

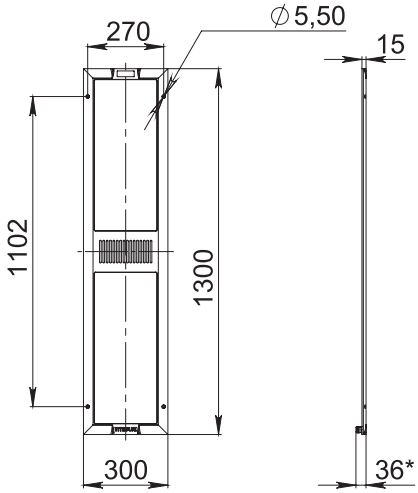


40 W / 3.5 kg

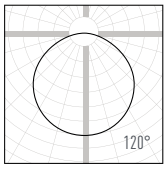


LDC, Light Distribution Curve

LED luminaire SEAWAY-06-60-120-LDC-CCT-LCP



60 W / 7,8 kg



LDC, Light Distribution Curve

SP SERIES

SP SERIES

BESPOKE GROUND

Architectural and artistic lighting

The ground-mounted recessed LED luminaire of original design with an integrated drainage system. The optical compartment design allows for vertical tilt adjustment within a range of 0-10°. Efficient light output from the advanced LED matrix is achieved by using high-strength mineral glass in the structure of optical elements.

SP-PS Luminaire Parameters

Rated Power Consumption	8 W
Light Output	60 lm/W
Shock Resistance Class	IK 10
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 68
Supply Voltage	24 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

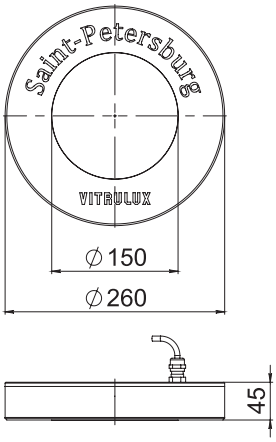
Material	aluminium
Mounting	embedded/into the ground
Protective glass	tampered glass

Colour Temperature – Correlated Colour Temperature

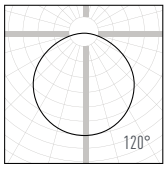
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD i

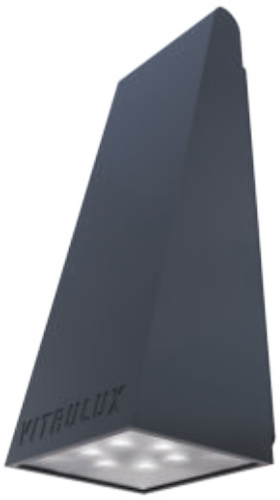
LED luminaire SP-PS-8-120-LDC-CCT-LCP



8 W / 6.9 kg



LDC, Light Distribution Curve



ANGOLO

Architectural and artistic lighting

Vitrulux designers have engineered a non-trivial stylistic interpretation of the pyramid, creating a versatile geometrically balanced architectural luminaire capable of forming a wide flow of light in the surrounding space. Its body is made of high-quality materials that effectively dissipate heat from the LED module and ensure durability and preservation of the key parameters during the entire lifetime of the device.

Zaryadye park, Moscow

SP-BD Luminaire Parameters

Rated Power Consumption	8 W
Light Output	90 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 65
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

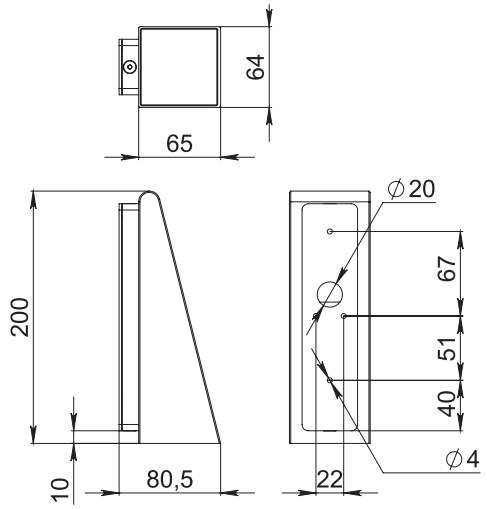
Material	aluminium
Mounting	surface-mounted
Protective glass	acryl

Colour Temperature – Correlated Colour Temperature

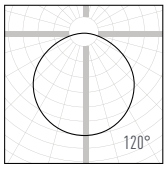
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire SP-BD-8-120-LDC-CCT-LCP



8 W / 0.85 kg



LDC, Light Distribution Curve

STATION

Indoor lighting

The recessed downlight luminaire with fixed optics is characterized by optimal light output, minimum recessed height and reduced glare effect. Its excellent technical features open up a wide range of applications for interior design. The fully milled body of the luminaire efficiently dissipates heat from the LED module, which is essential to ensure trouble-free operation over the entire lifetime of the luminaire.

SP-A Luminaire Parameters

Rated Power Consumption	8 W
Light Output	90 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 44
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

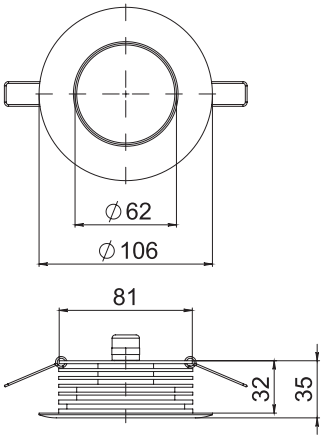
Material	aluminium
Mounting	embedded
Protective glass	acryl

Colour Temperature – Correlated Colour Temperature

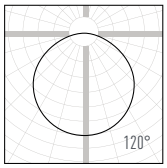
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDi

LED luminaire SP-A-8-120-LDC-CCT-LCP



8 W / 0.4 kg



LDC, Light Distribution Curve

CANE

Architectural and artistic lighting

The trend towards sustainability in modern design is not only to support the concept of sustainable development, but also to appeal to the style of natural forms. The SP-RD decorative lamp – with a resemblance of glowing reed – embodies fragility and elusiveness, which encourages the observer to forget the fast pace of the metropolis and see the beauty of the world around us.

Zaryadye park, Moscow

SP-RD Luminaire Parameters

Rated Power Consumption	1 W
Light Output	20 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 67
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

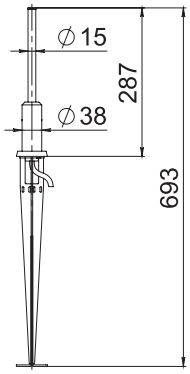
Material	aluminium
Mounting	into the ground
Protective glass	acryl

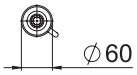
Colour Temperature – Correlated Colour Temperature

01	02	03	04	05	06	56	07	08	09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R G B	R G B W	TW	6000K	6500K

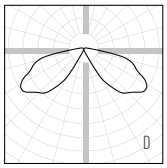
CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD i

LED luminaire SP-RD-1-D-LDC-CCT-LCP





1 W / 0.6 kg



LDC, Light Distribution Curve

STATION MAXI

Indoor lighting

The recessed downlight luminaire with fixed optics, high power and high luminous efficacy creates a focused light beam on a specific object. Even saturated light, minimal recessed height and reduced glare open up completely new possibilities in lighting design, allowing the designer to set the necessary accents in interior solutions. The fully milled body of the luminaire effectively dissipates heat from the LED module, which is extremely important to ensure its durability.

SP-RN Luminaire Parameters

Rated Power Consumption	10–20 W
Light Output	105 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 44
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

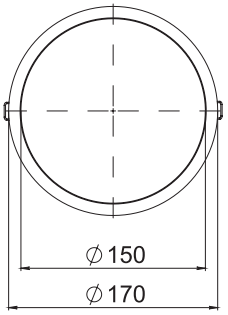
Material	aluminium
Mounting	embedded
Protective glass	acryl

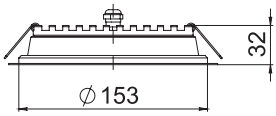
Colour Temperature – Correlated Colour Temperature

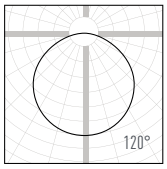
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZDi

LED luminaire SP-RN-10-120-LDC-CCT-LCP



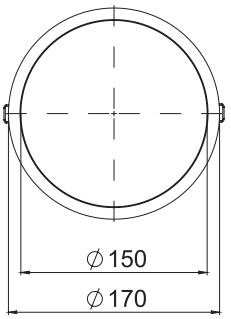


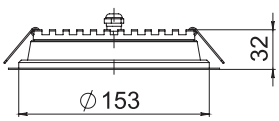


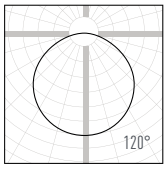
LDC, Light Distribution Curve

10 W / 0.5 kg

LED luminaire SP-RN-20-120-LDC-CCT-LCP







LDC, Light Distribution Curve

20 W / 0.5 kg

ELEGANT

Indoor lighting

The decorative LED SP-BL luminaire can become an individual spectacular feature of the interior or serve as a light compass, which helps to navigate in space, drawing attention to a certain object or detail. The rectangular body resembles a wide picture frame, where light becomes the canvas. Optimal heat dissipation from the LED-module ensures durability and preservation of the main parameters for the entire period of its operation.

Zaryadye park, Moscow

SP-BL Luminaire Parameters

Rated Power Consumption	6–8 W
Light Output	35 lm/W
Shock Resistance Class	IK 07
Colour Rendering Index (CRI)	≥ 85/95
Ripple Ratio	0%
Input Voltage Range	110–270 V
Colour Temperature Range	2700–6500 K
Service Life	50 000 hours
Protection Rating	IP 44
Supply Voltage	220 V
Climatic Version	UKHL1 (from –45°C to +45°C)
Warranty	5 years

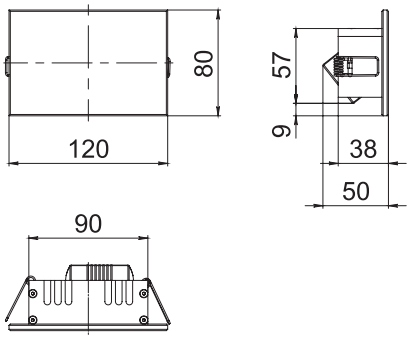
Material	aluminium
Mounting	embedded
Protective glass	acryl

Colour Temperature – Correlated Colour Temperature

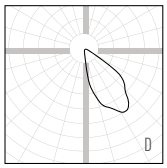
01	02	03	04	05	06	56	07			08				09	10	11
2700K	3000K	3500K	4000K	4500K	5000K	5600K	R	G	B	R	G	B	W	TW	6000K	6500K

CUSTOM DESIGN · 5 YEAR EXTENDED WARRANTY · RAL · LIFE TIME 50 000 · DALI · LoRa · >be DMX · ZD

LED luminaire SP-BL-6-D-CCT-LCP

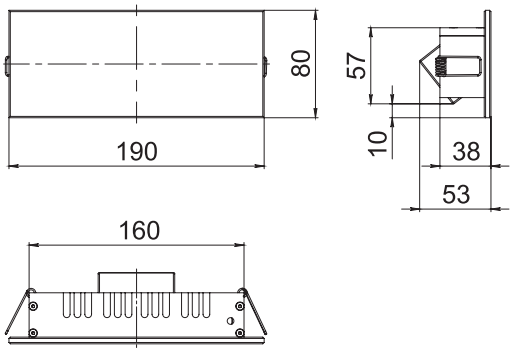


6 W / 0.2 kg

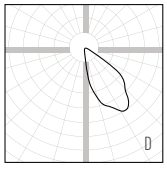


LDC, Light Distribution Curve

LED luminaire SP-BL-8-D-CCT-LCP



8 W / 0.4 kg



LDC, Light Distribution Curve

BASIC LIGHTING CONCEPTS

Luminous power (cd)

Luminous power is the luminous flux emitted per unit solid angle in a given direction.

Colour rendering index (CRI or Ra)

CRI reflects the ability of light sources to convey colours of illuminated objects without distortion. CRI can take values from 0 to 100. The higher the CRI of the luminaire, the more correct are the colours observed in its light.

Colour temperature (K)

Colour temperature Is used to objectively identify and classify the chromaticity of the light emitted by a luminaire in relation to a reference source (absolute black body). Three types are distinguished: warm light (<3,500 K), neutral light (3,500-5,300 K) and cold light (>5,300 K).

Luminance (cd/sq.m.)

Luminance describes the relationship between the intensity of light emitted by a luminous surface in a given direction and the area of the orthogonal projection of that surface on a plane perpendicular to that direction.

Luminous efficacy (lm/W)

Luminous efficacy is equal to the ratio of luminous flux to electrical power.

Luminous flux (lm)

The amount of light energy (perceived by the human eye) per unit time emitted by a light source within a solid angle.

Illuminance (lx)

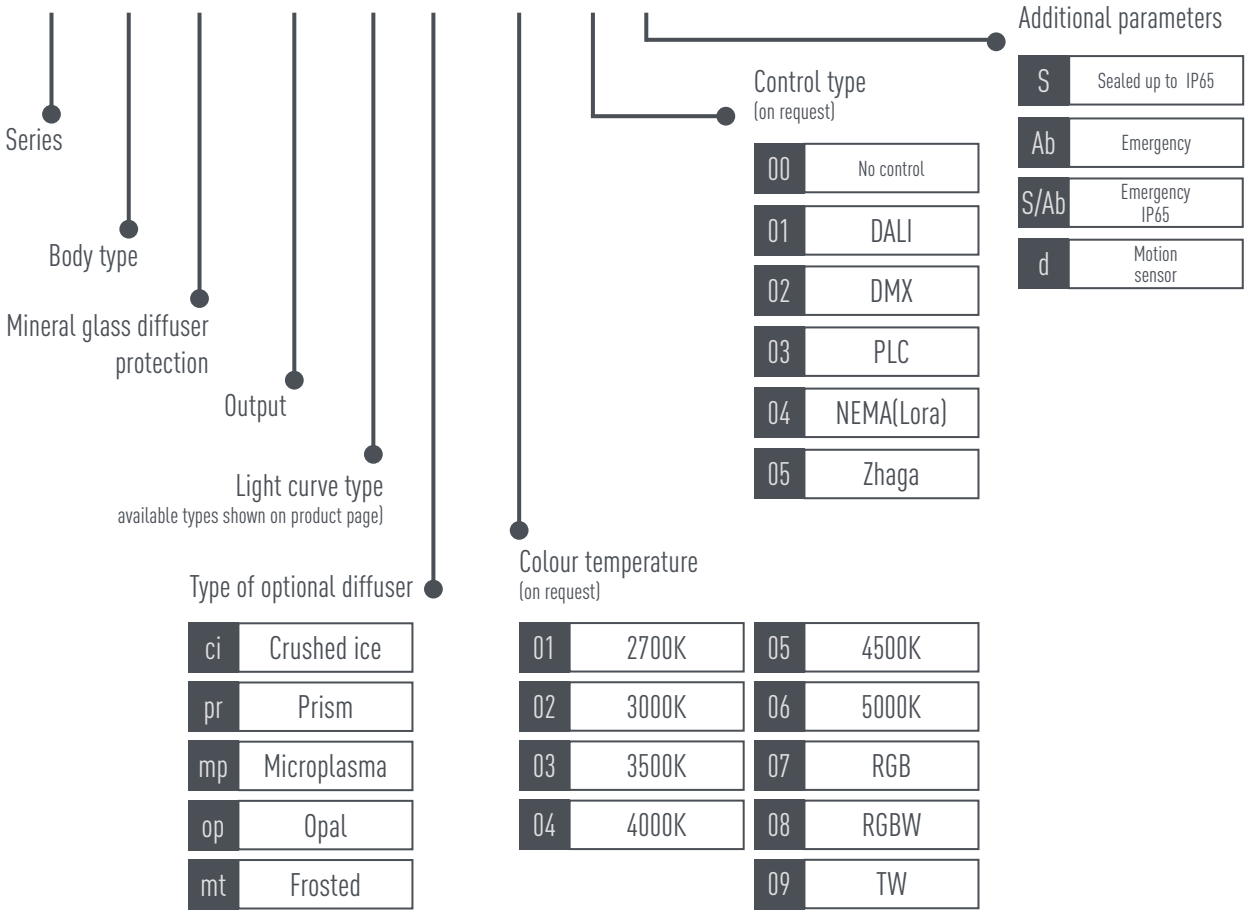
Illuminance is the ratio between the total luminous flux incident on a surface by its area. One lux is the illuminance created by luminous flux of 1 lumen on area of 1 square meter.

Light distribution curve (LDC)

LDC is a two-dimensional graph of light distribution in space. The light distribution curve of light intensity is a graphical representation of light intensity measurement of a luminaire.

PRODUCT CODE DECODING

DL - SQ (G) - 36 - D (ci) - 04 - 00 S



Example of decryption of the Vitrulux product code

Product Book

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