STOLB
STREET LIGHT

OWN PRODUCTION

www.stolb.com.ua

SMART LIGHTING SYSTEM
STOLB MODULAR

The STOLB MODULAR lighting system is an innovative solution that changes the classic approach to street and park lighting. The ability to arrange the support of various modules and their variability, allows you to create a comprehensive and aesthetic solution to solve various problems related to the improvement of public and private areas.

Thus, in one lighting pole, the following modules can be optionally combined:

- Car charger;
- Loudspeakers;
- Internet access points (Wi-Fi) incl. Wi-Fi / 4G access point;
- Video cameras;
- LED lamp.

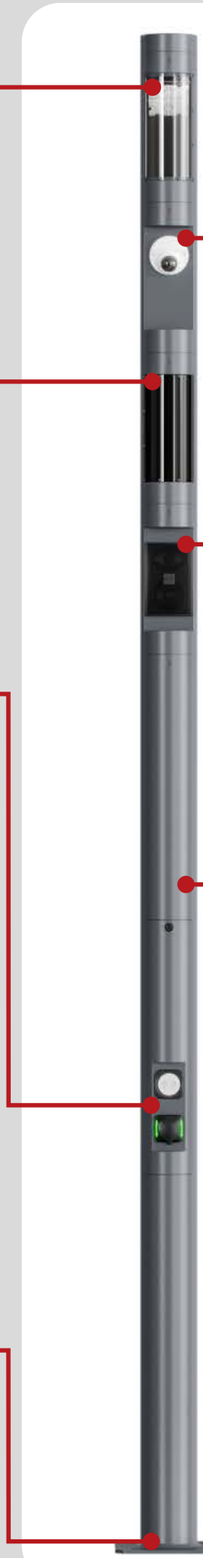
LIGHT 180
- Power: 14 ... 60 W
- Luminous flux: 2100 ... 6500 Lm
- DALI/1-10V/Light flux programming
- IP67/IK08
- Made with Philips, Vossloh Schwabe components.

Wi-Fi
- Wi-Fi 4 (802.11n) 2.4 GHz.
- RJ45 (Internet) or 2G, 3G, 4G (LTE) via SIM card.
- IP67/IK08.
- Made on Mikrotik, Phoenix Contact components

EV CHARGER
- The nominal power of the charging point is 3.7 kW 7.4 kW | 11 kW | 22 kW.
- Mode 3 charging mode (22 kW AC).
- IEC 62196, TYPE 2 connector with a temperature sensor in the middle of the connector and RGB lighting to indicate the status of the charger: green color — charging is available; blue color — the charging process has started; red color — an error occurred
- RCD Type A; 30 mA (AC); 6 mA (DC).
- SPD Class II. Specially designed for use in electric chargers.
- Measurement of consumed electricity: Electricity meter according to the MID directive.
- Access control: RFID and/or integration with billing system (QR code; mobile application).
- Connection: 2G/4G and/or Ethernet.

PROTECTIVE LAYER

To protect the flange of the pole, gas-thermal spraying of zinc is applied to a height of 0.25 m from the flange of the pole in accordance with to EN 40-5:2002 with further painting



IR VIDEO CAMERA MODULE
- Resolution: 2688x1520, 4MP.
- Built-in microphone, IR illumination up to 30 m
- Intelligent video analysis (IVS).
- IP67/IK08/PoE (802.3af/at)
- Made on Dahua components; Hikvision.
- Has two design modifications

MOD 1

MOD 2

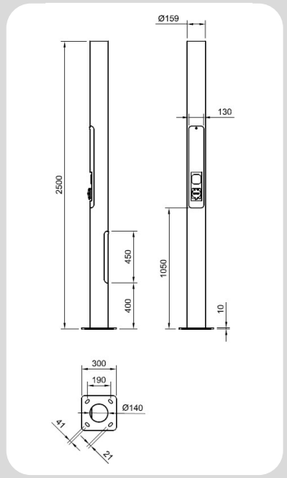
LOUNDSPEAKER
- Power 15/7.5/3.75/1.9 W.
- Sound pressure level: 98/86 dB
- Inputs: 8 Ohms, 70 V and 100 V.
- Effective frequency range 95 Hz - 19.5 kHz.
- Loudspeaker diameter: woofer 101.6 mm, tweeter 13 mm.
- IP67.
- Made with Bosch components.

POWDER COATING

Protection against corrosion occurs with the help of powder painting with preliminary cleaning of the structure and application of a zinc-containing primer. Any color from the RAL palette for painting is available without changing the cost.

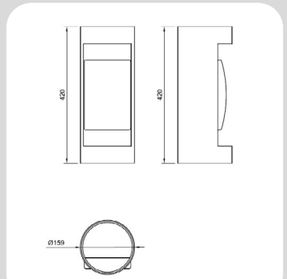
Download 3D model

FUNCTIONALITY OF SMART SYSTEM



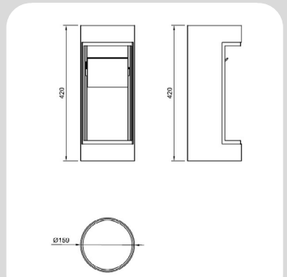
EV CHARGER

• The EV charger module has an integrated charger for electric vehicles of the AC type of increased power up to 22 kW (Mode 3) and is equipped with a Type 2 connector.
• Access to the charger can be controlled by RFID and / or by connecting to the billing system of any charging station operator via the open communication protocol OCPP 1.6J.
• Information is transmitted via a 2G / 4G modem and / or a wired Internet connection.
• The use of an open Linux platform allows the charging station to be used in the Internet of Things and to combine it with the concept of a smart city and smart power grids for optimal power distribution.
• The Type 2 connector has silver-plated contacts to reduce the transient resistance when connecting the charging cable, as well as an integrated temperature sensor to protect the connector from overheating (when using a low-quality charging cable)
• There is a system of locking the connector during charging, as well as automatic unlocking in the event of a power failure.
• RGB backlight is available on the connector to indicate the charging status: green — charging is available; blue color — charging process started; red — an error has occurred.
• Electricity meter compatibile with the MID directive
• IP65/IK08/RCD/SPD/OCPP 1.6J/Modbus/TCP/MQTT.
• Standard for charging stations: ISO/IEC 61851-1 & 22; ISO/IEC 62196
• Ability to arrange the support according to your wishes: without RFID module, other charging connector (TYPE 1), simplified controller, etc.



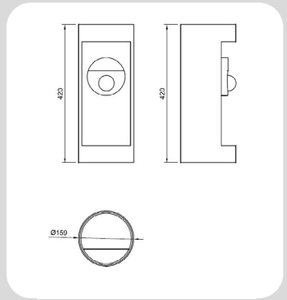
LOUNDSPEAKER

• The LOUNDSPEAKER module is designed to play background music, broadcast radio, advertisements, notifications and warnings, or as a speaker for a street theater.
• This module can be used in 70 V or 100 V systems, and also has the ability to operate in 8 Ohm mode (the required operating mode is set during module installation).
• The body of the column is made of steel protected from corrosion by high-quality polymer paint with preliminary application of zinc-containing primer and ABS plastic. Possibility of integration of the Light 180 module with the motion sensor.
• The LOUNDSPEAKER module is specially designed for outdoor use and has protection class IP67 and operating temperature range from -25 °C ... +65 °C.
• Possible power 15/7,5/3,75/1,9 W.
• Effective frequency range 95 Hz - 19,5 kHz.
• Made on BOSCH components.



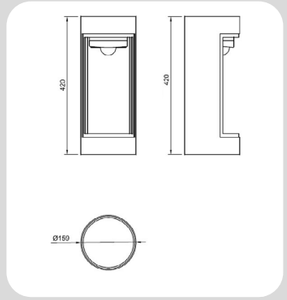
Wi-Fi

• The Internet provides a comfortable stay on the street, in the park and in public areas. But in places where there are problems with it, STOLB MODULAR with Wi-Fi module will provide Wi-Fi coverage thanks to the built-in modem.
• This modem, depending on how you access the Internet, can have two configurations:
- 3G / 4G Wi-Fi modem that receives the Internet from the 3G / 4G network (tariff package is not included) and distributes it over the Wi-Fi network;
- a Wi-Fi modem that accesses a network with a twisted pair or optical cable and distributes it over a Wi-Fi network.
• Ability to combine multiple Wi-Fi modules to create a seamless coverage.
• Wi-Fi 4 (802.11n)/ 2.4 GHz/ PoE
• Made on MikroTik components; TP-Link



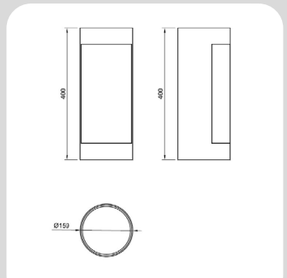
CAMERA 180 MOD 1

• Safety in public spaces (parks, squares, streets) is an integral part of our lives. Therefore, the complete set of the STOLB MODULAR pole with an outdoor IP video camera will ensure safety in public places, and due to the strong metal construction of the pole, the image quality won`t be worst from the own fluctuations of the pole in strong winds and will provide high vandal resistance.
• The CAMERA 180 module is available in two variations: MOD 1 and MOD 2. The only difference between them is in the design of the base for the IP camera.
• 1/3"4 Megapixel progressive with sensetive of CMOS 0.008 Lux
• Video Intelligence (IVS). Thanks to an advanced video algorithm, the camera supports intelligent detection, such as line crossing and intrusion into the area.
• IP67/IK08
• Made on Dahua components; Hikvision



CAMERA 180 MOD 2

• Safety in public spaces (parks, squares, streets) is an integral part of our lives. Therefore, the complete set of the STOLB MODULAR pole with an outdoor IP video camera will ensure safety in public places, and due to the strong metal construction of the pole, the image quality won`t be worst from the own fluctuations of the pole in strong winds and will provide high vandal resistance.
• The CAMERA 180 module is available in two variations: MOD 1 and MOD 2. The only difference between them is in the design of the base for the IP
camera.
• 1/3"4 Megapixel progressive with sensetive of CMOS 0.008 Lux
• Video Intelligence (IVS). Thanks to an advanced video algorithm, the camera supports intelligent detection, such as line crossing and intrusion into the area.
• IP67/IK08
• Made on Dahua components; Hikvision



LIGHTING MODULE LIGHT 180

• The Light 180 module is designed to illuminate a specific zone or area, which allows you to create a variety of lighting and lighting options;
• Color glow temperature, power, type of optics, availability of control protocols, programmable dimming, etc. - is variable and may be available for the Light 180 module;
• The body of the lamp is made of steel and aluminum protected from corrosion by high-quality polymer paint and zinc-containing primer. Polycarbonate glass is used to protect the LED module;
• Possibility of integration of work of the Light 180 module with the motion sensor;
• DALI / 1-10V / Light flux programming (time dimming);
• IP67 / IK08;
• Made on Philips, Vossloh Schwabe components.

LED SMART PARK LIGHTING
STOLB PARK CUT

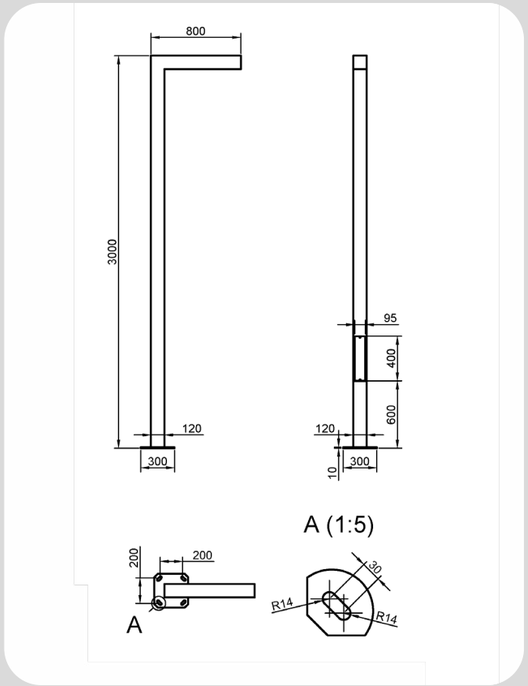
Height, m — 3 4 5 6

Power, W — 30 40 50 60

Color temperature, K — 3000 4000

SMART Technology — SMART

Download 3D model

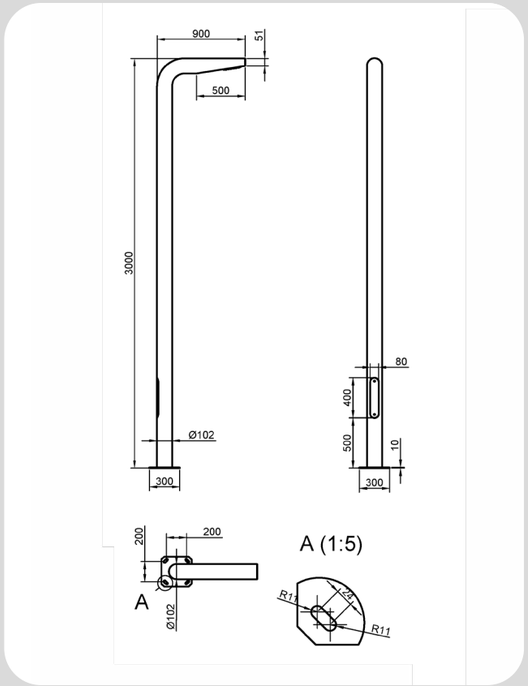


TECHNICAL CARD

Height	3000/4000/5000/6000 mm
Profile	120x120 mm
The wall thickness of the profile	3/4 mm
The thickness of the mounting plate	10 mm
LED module power consumption	30/40/50/60 W
Number of LEDs	12/24
CRI and color temperature	> 70 for 4000K /> 70 for 3000K
Luminaire output flux	3400 - 6900 Lm
Residual luminous flux 100,000 h	80%
Optics	T2, T3, T4 (default T3)
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.95
Dimming (DALI or 1-10V)	+
Lighting driver programming	Standard schedule 100% -70% -50% -70% for street lighting
Motion and light sensor	+
Wi-Fi module	optional
Electric car charging module	optional
USB charger	optional
Camcorders	optional
Speakers	optional
Air quality monitoring station	optional
Ingress protection	
Optical module	IP54
Drivers	IP65
Electrical Class	Class I EU
Weight	55-100 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, any other color according to the RAL palette - under the request without change of cost
Corrosion protection	Zinc-containing primer, gas-thermal spraying of zinc to a height of 0.25 m from the support flange in accordance with EN 40-5: 2002
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bike paths, parks, squares, alleys
Warranty period	2 years
Country of origin	Ukraine
Delivery set	- lighting support with integrated LED module with optics, programmed by the Philips Xitanium driver with motion and light sensor; - input panel TB-1 with fuse 10A; - anchor device FP1 (for 3 supports 3 and 4 m high) and FP4 for supports 5 and 6 m high); - other modules (optional).

LED PARK LIGHTING
STOLB PARK SE

Height, m	3 4 5 6
Power, W	30 40 50 60
Color temperature, K	3000 4000
SMART Technology	SMART



Завантаж 3D модель

TECHNICAL CARD

Height	3000/4000/5000/6000 mm
Profile	round pipe with a diameter of 102/114/127/159 мм
The wall thickness of the profile	3 mm
The thickness of the mounting plate	10 mm
LED module power consumption	30/40/50/60 W
Number of LEDs	12/24
CRI and color temperature	> 70 for 4000K /> 70 for 3000K
Luminaire output flux	3400 - 6900 Lm
Residual luminous flux 100,000 h	80%
Optics	T2, T3, T4 (default T3)
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.95
Dimming (DALI or 1-10V)	+
Lighting driver programming	Standard schedule 100% -70% -50% -70% for street lighting
Motion and light sensor	+
Wi-Fi module	optional
Electric car charging module	optional
USB charger	optional
Camcorders	optional
Speakers	optional
Air quality monitoring station	optional
Ingress protecrion	
Optical module	IP54
Drivers	IP65
Electrical Class	Class I EU
Weight	55-100 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, any other color according to the RAL palette - under the request without change of cost
Corrosion protection	Zinc-containing primer, gas-thermal spraying of zinc to a height of 0.25 m from the support flange in accordance with EN 40-5: 2002
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bike paths, parks, squares, alleys
Warranty period	2 years
Country of origin	Ukraine
Delivery set	- lighting support with integrated LED module with optics, programmed by the Philips Xitanium driver with motion and light sensor; - input panel TB-1 with fuse 10A; - anchor device FP1 (for 3 supports 3 and 4 m high) and FP4 for supports 5 and 6 m high); - other modules (optional).

LED PARK LIGHTING
STOLB PARK CUT-M

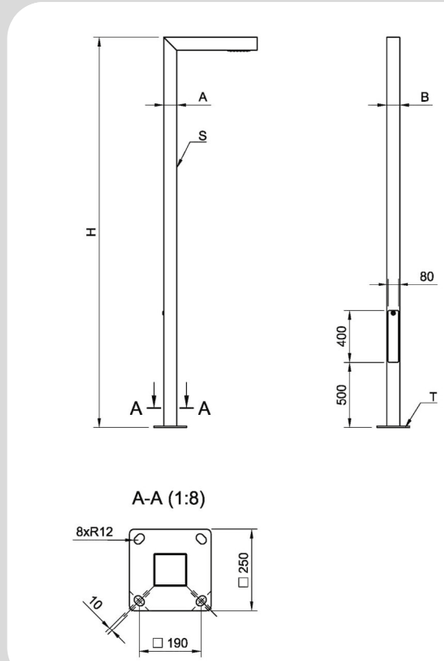
Height, m — 3 | 3,5 | 4 | 5

Power, W — 30 | 40 | 50 | 60

Color temperature, K — 3000 | 4000

SMART Technology — SMART

Download 3D model



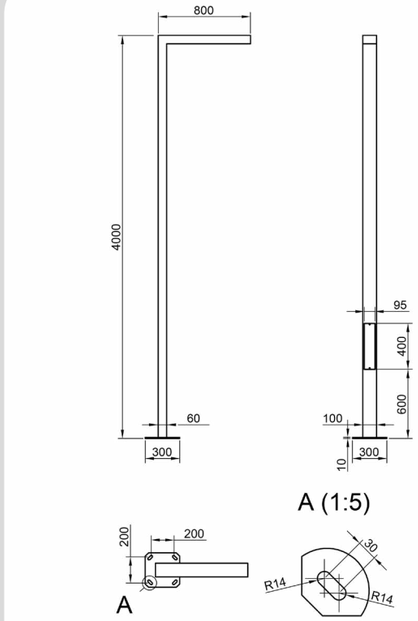
TECHNICAL CARD

Height	3000/3500/4000/4500/5000 mm
Profile	100x100 mm
The wall thickness of the profile	3 mm
The thickness of the mounting plate	10 mm
LED module power consumption	20/30/40/50/60 W
Number of LEDs	12
CRI and color temperature	>80 for 3000K / >80 for 4000K
Luminaire output flux	2500 - 5200 Lm
Residual luminous flux 100,000 h	80%
Optics	T2, T3, T4 (default T3)
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.95
Dimming (DALI or 1-10V)	Є
Lighting driver programming	Standard schedule 100% -70% -50% -70% for street lighting
Motion and light sensor	Є
Wi-Fi module	Як додаткова опція
Electric car charging module	Як додаткова опція
USB charger	Як додаткова опція
Camcorders	Як додаткова опція
Speakers	Як додаткова опція
Air quality monitoring station	Як додаткова опція
Ingress protecrionv	
Optical module	IP54
Drivers	IP65
Electrical Class	Class I EU
Weight	48 - 68 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, any other color according to the RAL palette - under the request without change of cost
Corrosion protection	-35 °C ... +55 °C
Operating temperature range	Pedestrian areas, bike paths, parks, squares, alleys
Application	2 years
Warranty period	Ukraine
Delivery set	- lighting support with integrated LED module with optics, programmed by the Philips Xitanium driver with motion and light sensor; - input shield TV-1 with fuse 10A; - anchor device ZST-80 - other modules (optional).

LED PARK LIGHTING
STOLB PARK CUT-S

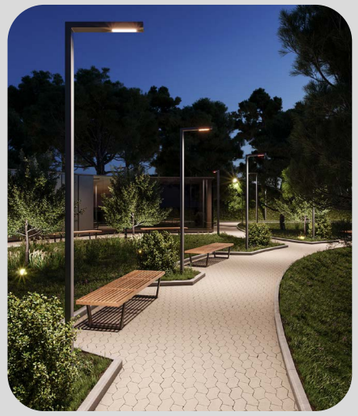
Height, m	3 3,5 4
Power, W	20 30 40
Color temperature, K	3000 4000
SMART Technology	SMART

Download 3D model



TECHNICAL CARD

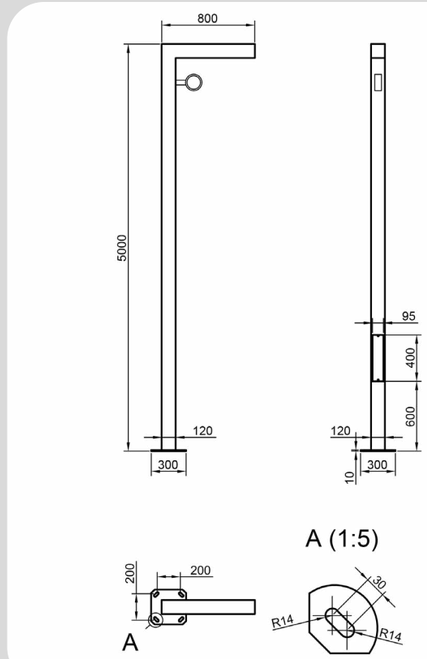
Height	3000/3500/4000 mm
Profile	100x60 mm
The wall thickness of the profile	3 mm
The thickness of the mounting plate	10 mm
LED module power consumption	20/30/40 W
Number of LEDs	12
CRI and color temperature	>80 for 3000K / >80 for 4000K
Luminaire output flux	2500 - 5200 Lm
Residual luminous flux 100,000 h	80%
Optics	T2, T3, T4 (default T3)
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.95
Surge protection	10 kV
Dimming (DALI or 1-10V)	+
Lighting driver programming	Standard schedule 100% -70% -50% -70% for street lighting
Motion and light sensor	+
Wi-Fi module	optional
USB charger	optional
Camcorders	optional
Speakers	optional
Air quality monitoring station	optional
Ingress protecrion	
Optical module	IP54
Drivers	IP65
Electrical Class	Class I EU
Weight	35 - 65 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, any other color according to the RAL palette - under the request without change of cost
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bike paths, parks, squares, alleys
Warranty period	2 years
Country of origin	Ukraine



SET FOR LIGHTING PEDESTRIAN CROSSINGS STOLB PARK CUT-CW

Height, m	3 4 5 6
Power, W	30 40 50 60
Color temperature, K	3000 4000
SMART Technology	SMART

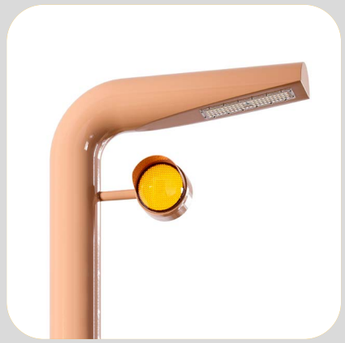
Download 3D model



TECHNICAL CARD

Height	3000/4000/5000/6000 mm
Profile	120x120 mm
The wall thickness of the profile	3/4 mm
The thickness of the mounting plate	10 mm
LED module power consumption	30/40/50/60 W
Number of LEDs	12/24
CRI and color temperature	> 70 for 4000K /> 70 for 3000K
Luminaire output flux	3400 - 6900 Lm
Residual luminous flux 100,000 h	80%
Optics	For pedestrian croses
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.95
Dimming (DALI or 1-10V)	+
Motion and light sensor	+
Wi-Fi module	optional
Camcorders	optional
Speakers	optional
Air quality monitoring station	optional
Traffic light type	T7.3
Ingress protecrion	
Optical module	IP54
Drivers	IP65
Traffic lights	IP65
Electrical Class	Class I EU
Weight	60-110 kg
Construction materials	
Corps	Steel
Diffuser	PMMA
Color	Powder coating, any other color according to the RAL palette - under the request without change of cost
Corrosion protection	Zinc-containing primer, gas-thermal spraying of zinc to a height of 0.25 m from the support flange in accordance with EN 40-5: 2002
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian crossings
Warranty period	2 years
Country of origin	Ukraine
Delivery set	- lighting pole with integrated LED module with optics, driver and traffic light T7.3; - input panel TB-1 with fuse 10A; - anchor device FP1 (for 3 supports 3 and 4 m high) and FP4 for supports 5 and 6 m high); - other modules (optional).

SET FOR LIGHTING PEDESTRIAN CROSSINGS STOLB PARK SE-CW



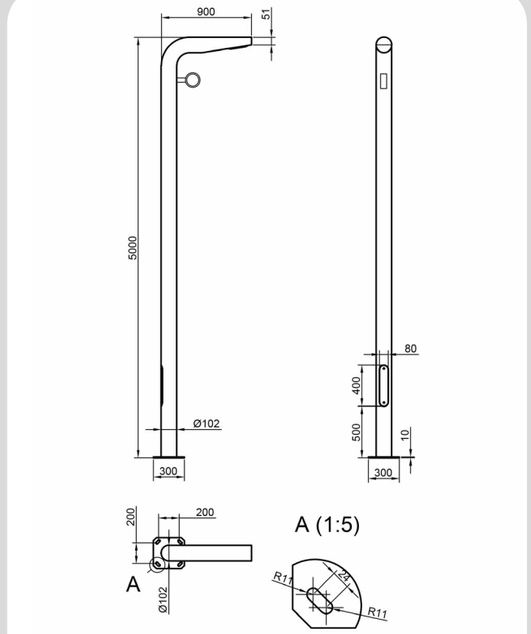
Height, m — 3 4 5 6

Power, W — 30 40 50 60

Color temperature, K — 3000 4000

SMART Technology — SMART

Download 3D model



TECHNICAL CARD

Height	3000/4000/5000/6000 mm
Profile	round pipe with a diameter of 159 mm
The wall thickness of the profile	3 mm
The thickness of the mounting plate	10 mm
LED module power consumption	30/40/50/60 W
Number of LEDs	12/24
CRI and color temperature	> 70 for 4000K /> 70 for 3000K
Luminaire output flux	3400 - 6900 Lm
Residual luminous flux 100,000 h	80%
Optics	For pedestrian crosses
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.95
Dimming (DALI or 1-10V)	+
Motion and light sensor	+
Wi-Fi module	optional
Camcorders	optional
Speakers	optional
Air quality monitoring station	optional
Traffic light type	T7.3
Ingress protecrion	
Optical module	IP54
Drivers	IP65
Traffic lights	IP65
Electrical Class	Class I EU
Weight	60-110 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, any other color according to the RAL palette - under the request without change of cost
Corrosion protection	Zinc-containing primer, gas-thermal spraying of zinc to a height of 0.25 m from the support flange in accordance with EN 40-5: 2002
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian crossings
Warranty period	2 years
Country of origin	Ukraine
Delivery set	- lighting pole with integrated LED module with optics, driver and traffic light T7.3; - input panel TB-1 with fuse 10A; - anchor device FP1 (for 3 supports 3 and 4 m high) and FP4 for supports 5 and 6 m high); - other modules (optional).

LED SMART PARK LIGHTING
STOLB PARK CUT-3T

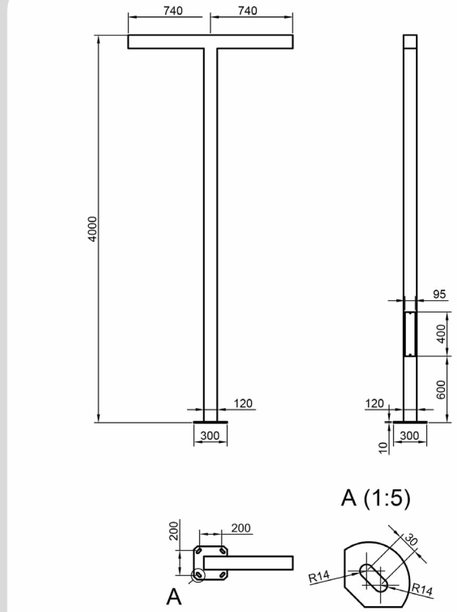
Height, m — 3 4 5 6

Power, W — 2x 30 40 50 60

Color temperature, K — 3000 4000

SMART Technology — SMART

Download 3D model



TECHNICAL CARD

Height	3000/4000/5000/6000 mm
Profile	120x120 mm
The wall thickness of the profile	3/4 mm
The thickness of the mounting plate	10 mm
LED module power consumption	2 x 30/40/50/60 W
Number of LEDs	2 x 12/24
CRI and color temperature	> 70 for 4000K /> 70 for 3000K
Luminaire output flux	2 x 3400 - 6900 Lm
Residual luminous flux 100,000 h	80%
Optics	T2, T3, T4 (default T3)
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.95
Dimming (DALI or 1-10V)	+
Lighting driver programming	Standard schedule 100% -70% -50% -70% for street lighting
Motion and light sensor	+
Wi-Fi module	optional
Electric car charging module	optional
USB charger	optional
Camcorders	optional
Speakers	optional
Air quality monitoring station	optional
Ingress protecrion	
Optical module	IP54
Drivers	IP65
Electrical Class	Class I EU
Weight	60-110 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, any other color according to the RAL palette - under the request without change of cost
Corrosion protection	Zinc-containing primer, gas-thermal spraying of zinc to a height of 0.25 m from the support flange in accordance with EN 40-5: 2002
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bike paths, parks, squares, alleys
Warranty period	2 years
Country of origin	Ukraine
Delivery set	- lighting support with integrated LED module with optics, programmed by the Philips Xitanium driver with motion and light sensor; - input panel TB-1 with fuse 10A; - anchor device FP1 (for 3 supports 3 and 4 m high) and FP4 for supports 5 and 6 m high); - other modules (optional).

LED SMART PARK LIGHTING
STOLB PARK SE-T

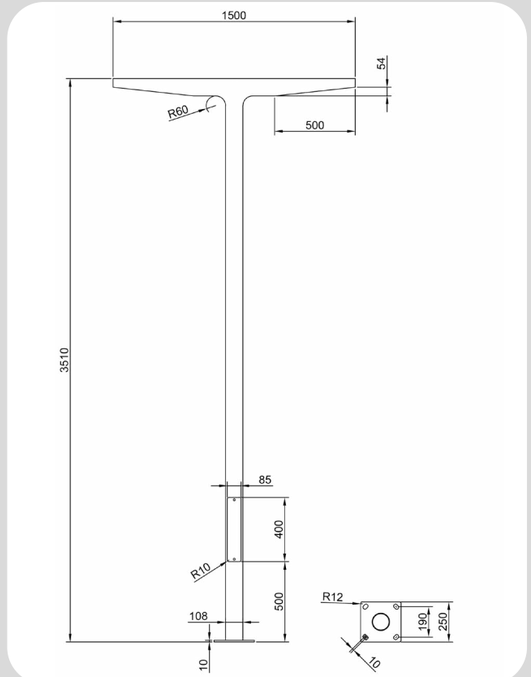
Height, m — 3,5 | 4 | 5 | 6

Power, W — 2x 30 | 40 | 50 | 60

Color temperature, K — 3000 | 4000

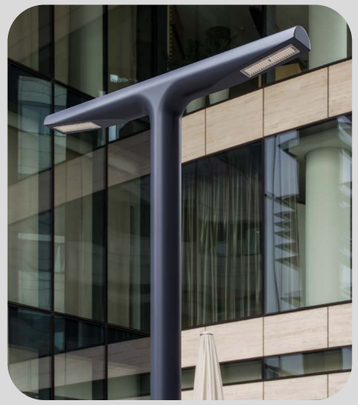
SMART Technology — SMART

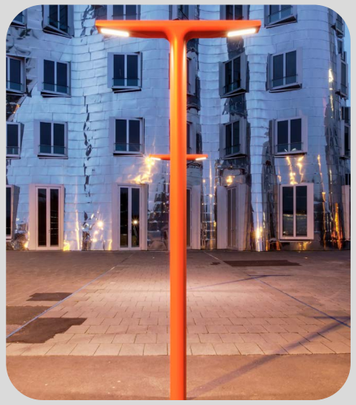
Download 3D model



TECHNICAL CARD

Height	3500/4000/5000/6000 mm
Profile	Ø108 ... Ø159 mm
The wall thickness of the profile	3/4 mm
The thickness of the mounting plate	10 mm
LED module power consumption	2 x 30/40/50/60 W
Number of LEDs	2 x 12/24
CRI and color temperature	> 70 for 4000K /> 70 for 3000K
Luminaire output flux	2 x 3400 - 6900 Lm
Residual luminous flux 100,000 h	80%
Optics	T2, T3, T4 (default T3)
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.95
Dimming (DALI or 1-10V)	+
Lighting driver programming	Standard schedule 100% -70% -50% -70% for street lighting
Motion and light sensor	+
Wi-Fi module	optional
Electric car charging module	optional
USB charger	optional
Camcorders	optional
Speakers	optional
Air quality monitoring station	optional
Ingress protecrion	
Optical module	IP54
Drivers	IP65
Electrical Class	Class I EU
Weight	60-110 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, any other color according to the RAL palette - under the request without change of cost
Corrosion protection	Zinc-containing primer, gas-thermal spraying of zinc to a height of 0.25 m from the support flange in accordance with EN 40-5: 2002
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bike paths, parks, squares, alleys
Warranty period	2 years
Country of origin	Ukraine
Delivery set	- lighting support with integrated LED module with optics, programmed by the Philips Xitanium driver with motion and light sensor; - input panel TB-1 with fuse 10A; - anchor device FP1 (for 3 supports 3 and 4 m high) and FP4 for supports 5 and 6 m high); - other modules (optional).

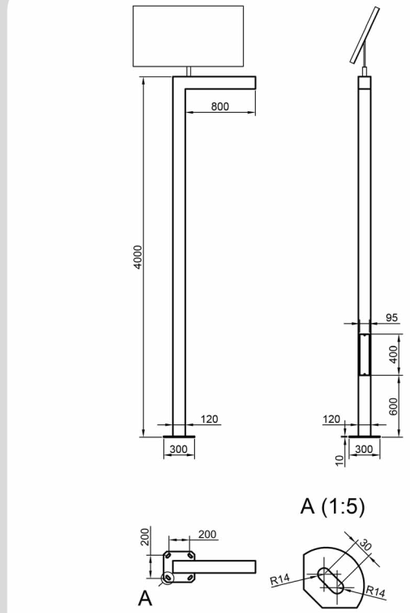




SET OF AUTONOMOUS PARK LIGHTING KIT ON SOLAR BATTERY STOLB SLP CUT-M

Height, m	4
Power, W	30 45
Color temperature, K	3000 4000
SMART Technology	SMART

Download 3D model



TECHNICAL CARD

Solar panel	Power: 330 W Panel type: 3.2 mm thick polycrystalline tempered glass, covered with a coating that absorbs solar radiation, the panels are tested according to IEC 61215 for snow loads up to 5400 Pa (approx. 5.4 kN/m²) and IEC 61730. Certificates available : ISO 9001, ISO 14001, OHSAS 18001, ISO 2859-1
LED module	Power: 30-45 W. Operating voltage: DC 24V Service life of LEDs:> 50,000 hours Ingress protecrion: IP66 Luminaire output flux: > 3600 lm Operating temperature: -30 °C .. +60 °C
Controller	MPPT 10A - 24V Ingress protecrion: IP68 Weight: 1 kg Time of switching on of the lamp is defined by definition of voltage on the solar panel. The MPPT controller, unlike the PWM, allows the most efficient use of all the power of the solar panel (by tracking the maximum power generated by the solar panel).
Battery	LiFePO4, 30AH 24V with thermal protection and BMS controller. Suitable for operation at temperatures of -25 °C .. +60 °C. The battery is equipped with a BMS controller that monitors the battery charging process, as well as the temperature of its operation.
Support and bracket	Height: 4 m. Powder coating, zinc-containing primer. There is a choice of any RAL palette for painting the support without changing the cost. Additionally, gas-thermal zinc spraying at a height of 0.25 m from the support flange in accordance with EN 40-5: 2002 is used to protect the support flange.
Anchor device	FP4
Operating time	8-12 hours per day (at full power of the LED module), the battery capacity is designed for up to 3 full cloudy, rainy and windy days.
Installation recommendations	This kit is suitable for areas with an average annual peak solar power of 4 ~ 3.5 hours per day
Country-manufacturer	Ukraine
Wi-Fi	3G/4G module Wi-Fi modem, range 80m
Additional features	Possibility of plowing of a support with powder paint according to the RAL palette Possibility of delivery with the Bluetooth interface together with the software for programming and remote control of the lamp The system configuration can be changed depending on the requirements of the client or the project

LED PARK LIGHTING
STOLB PARK X

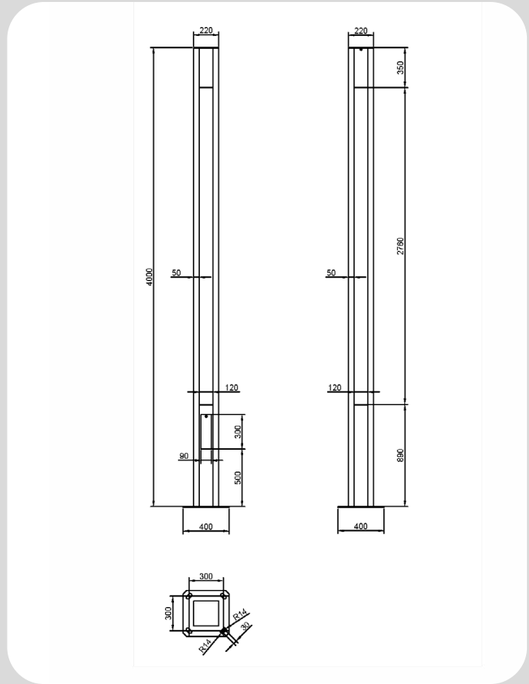
Height, m — 3 4 5 6

Power, W — 30 40 50 60

Color temperature, K — 3000 4000

SMART Technology — SMART

Download 3D model



TECHNICAL CARD

Height	3000/4000/5000/6000 mm
Profile	220x220 mm
The wall thickness of the profile	3 mm
The thickness of the mounting plate	10 mm
LED module power consumption	30/40/50/60 W
Number of LEDs	12/24
CRI and color temperature	> 70 for 4000K /> 70 for 3000K
Luminaire output flux	3400 - 6900 Lm
Residual luminous flux 100,000 h	80%
Optics	symmetrical
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.95
Dimming (DALI or 1-10V)	+
Lighting driver programming	Standard schedule 100% -70% -50% -70% for street lighting
Motion and light sensor	+
Wi-Fi module	optional
Electric car charging module	optional
USB charger	optional
Camcorders	optional
Speakers	optional
Air quality monitoring station	optional
Ingress protecrion	
Optical module	IP54
Drivers	IP65
Electrical Class	Class I EU
Weight	75-150 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, any other color according to the RAL palette - under the request without change of cost
Corrosion protection	Zinc-containing primer, gas-thermal spraying of zinc to a height of 0.25 m from the support flange in accordance with EN 40-5: 2002
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bike paths, parks, squares, alleys
Warranty period	2 years
Country of origin	Ukraine
Delivery set	- lighting support with integrated LED module with optics, programmed by the Philips Xitanium driver with motion and light sensor; - input panel TB-1 with fuse 10A; - anchor device FP4; - other modules (optional).

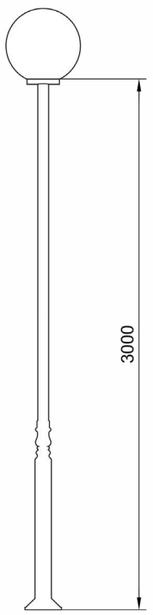
LED PARK LIGHTING STOLB TWIST

RAL

Height, m 3 3,5 4

Power, W 30 40

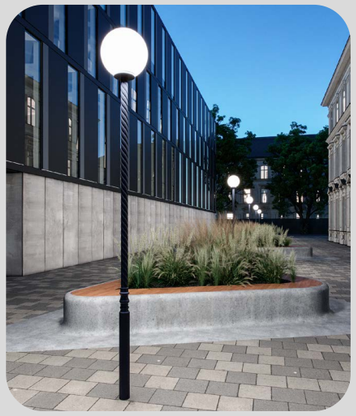
Color temperature, K 2700 3000 4000



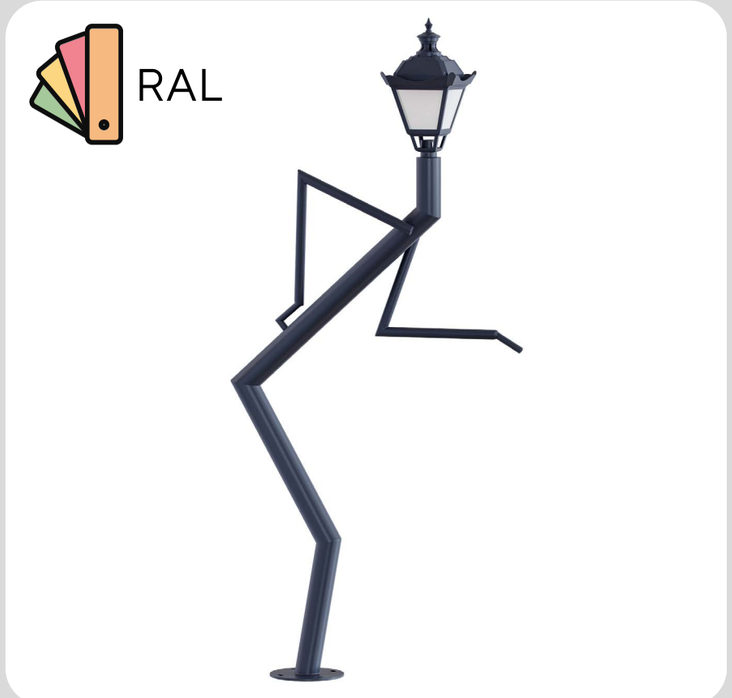
Download 3D model

TECHNICAL CARD

Height	3000/3500/4000 mm
Base pipe	Ø120 mm
The wall thickness of the profile	3 mm
The thickness of the mounting plate	10 mm
Interbottenline distance for mounting on an anchor device	190x190 mm, M20
Type of the applied	ROSA OP base E27 + PMMA bullet of white color.
LED lamp power consumption	30/40 W
CRI and color temperature	> 70 for 4000 K / > 70 for 3000 K / > 70 for 2700 K
Luminaire output flux	3400 - 4900 Lm
Optics	Symmetrical 360 °
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.9
Ingress protecrion Optical module Drivers	 IP65 IP65
Electrical Class	Class I EU
Weight	57 kg
Housing and finish Housing Optic	 Steel PMMA
Corrosion protection	Zinc-plated soil, gas-thermal zinc spraying at a height of 0.25 m between the support flanges and in accordance with EN 40-5: 2002v
Color	Powder porcelain , any color according to the RAL palette — under the request without change of cost
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historic centers
Warranty period	2 years
Country of origin	Ukraine
Delivery set	- lighting support and ROSA Twist lamp and light bulb; - input panel TB-1 with fuse 10A; - anchor device FP1
Option	Drawing artistic images on the lamp (eg: Smile, etc.)



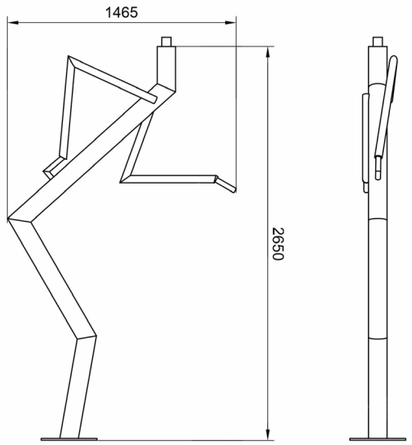
LED PARK LIGHTING
STOLB HUMAN OS-1



Height, m 2,65

Power, W 30 40

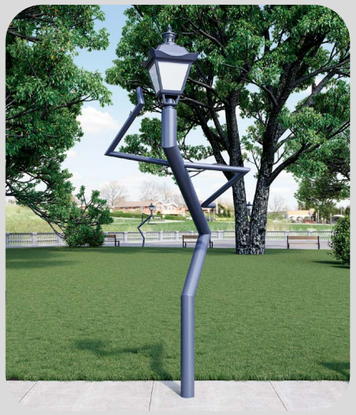
Color temperature, K 2700 3000 4000



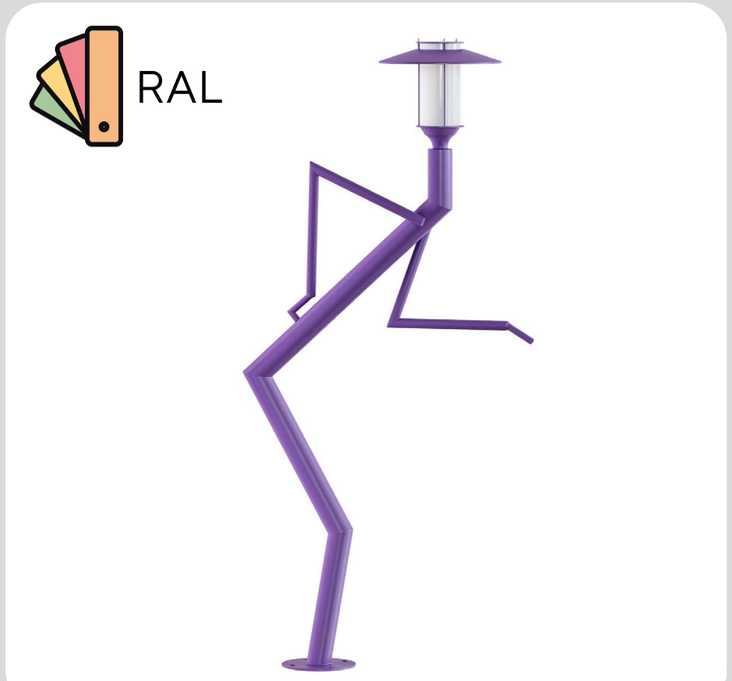
Download 3D model

TECHNICAL CARD

Height	2650 mm
Base pipe	Ø120 mm
The wall thickness of the profile	3 mm
The thickness of the mounting plate	10 mm
Interbottenline distance for mounting on an anchor device	190x190 mm, M20
Type of the applied	ROSA OS-1 base E27 (possible version with LED OS-1 with integrated LED modules)
LED lamp power consumption	30/40 W
CRI and color temperature	> 70 for 4000 K / > 70 for 3000 K / > 70 for 2700 K
Luminaire output flux	3400 - 4900 Lm
Optics	Symmetrical 360 °
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.9
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	57 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Corrosion protection	Zinc-plated soil, gas-thermal zinc spraying at a height of 0.25 m between the support flanges and in accordance with EN 40-5: 2002v
Color	Powder porcelain , any color according to the RAL palette — under the request without change of cost
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historic centers
Warranty period	2 years
Country of origin	Ukraine
Delivery set	- lighting support with ROSA OS-1 luminaire and light bulb; - input panel TB-1 with fuse 10A; - anchor device FP1



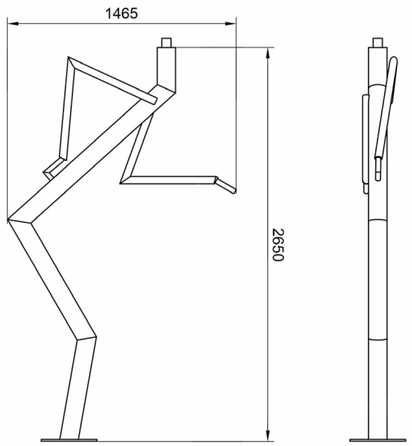
LED PARK LIGHTING
STOLB HUMAN ELBA



Height, m 2,65

Power, W 30 40

Color temperature, K 2700 3000 4000



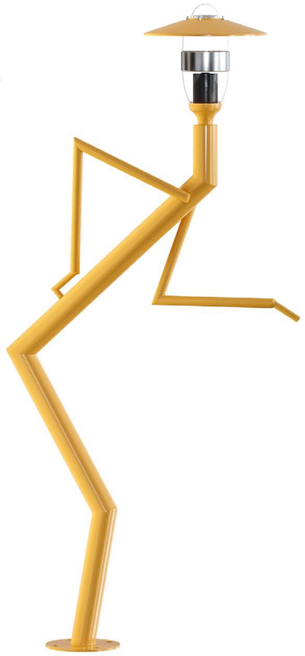
Download 3D model

TECHNICAL CARD

Height	2650 mm
Base pipe	Ø120 mm
The wall thickness of the profile	3 mm
The thickness of the mounting plate	10 mm
Interbottenline distance for mounting on an anchor device	190x190 mm, M20
Type of the applied	ROSA Elba base E27 (possible version with Elba LED with integrated LED modules)
LED lamp power consumption	30/40 W
CRI and color temperature	> 70 for 4000 K / > 70 for 3000 K / > 70 for 2700 K
Luminaire output flux	3400 - 4900 Lm
Optics	Symmetrical 360 °
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.9
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	57 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Corrosion protection	Zinc-plated soil, gas-thermal zinc spraying at a height of 0.25 m between the support flanges and in accordance with EN 40-5: 2002v
Color	Powder porcelain , any color according to the RAL palette — under the request without change of cost
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historic centers
Warranty period	2 years
Country of origin	Ukraine
Delivery set	- lighting support with ROSA Elba luminaire and light bulb; - input panel TB-1 with fuse 10A; - anchor device FP1

LED PARK LIGHTING
STOLB HUMAN AURIS

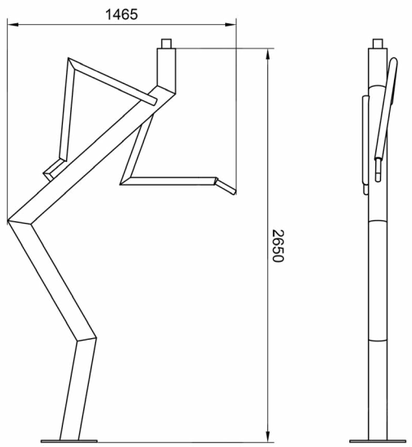
RAL



Height, m 2,65

Power, W 30 40

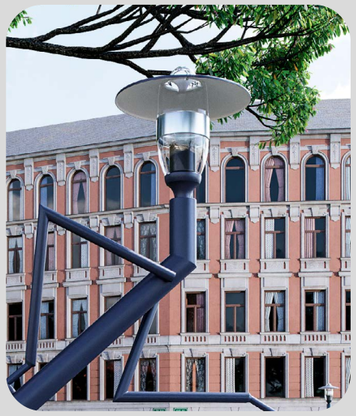
Color temperature, K 2700 3000 4000



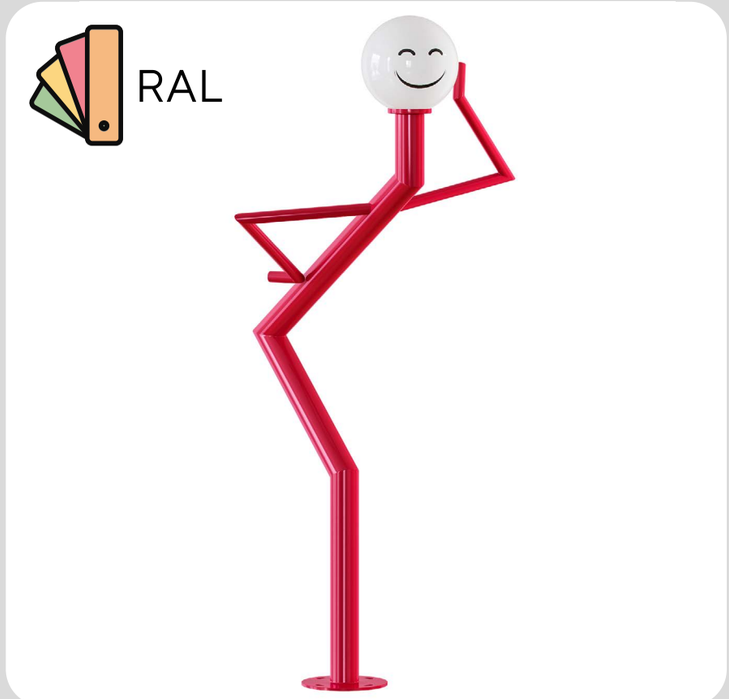
Download 3D model

TECHNICAL CARD

Height	2650 mm
Base pipe	Ø120 mm
The wall thickness of the profile	3 mm
The thickness of the mounting plate	10 mm
Interbottenline distance for mounting on an anchor device	190x190 mm, M20
Type of the applied	ROSA Auris base E27 (possible version with Auris LED with integrated LED modules)
LED lamp power consumption	30/40 W
CRI and color temperature	> 70 for 4000 K / > 70 for 3000 K / > 70 for 2700 K
Luminaire output flux	3400 - 4900 Lm
Optics	Symmetrical 360 °
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.9
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	57 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Corrosion protection	Zinc-plated soil, gas-thermal zinc spraying at a height of 0.25 m between the support flanges and in accordance with EN 40-5: 2002v
Color	Powder porcelain , any color according to the RAL palette — under the request without change of cost
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historic centers
Warranty period	2 years
Country of origin	Ukraine
Delivery set	- lighting support with ROSA Auris luminaire and light bulb; - input panel TB-1 with fuse 10A; - anchor device FP1



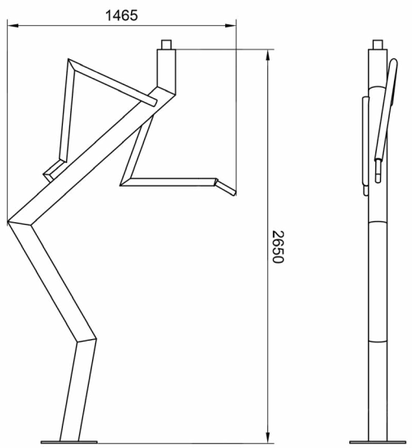
LED PARK LIGHTING
STOLB HUMAN SMILE



Height, m 2,65

Power, W 30 40

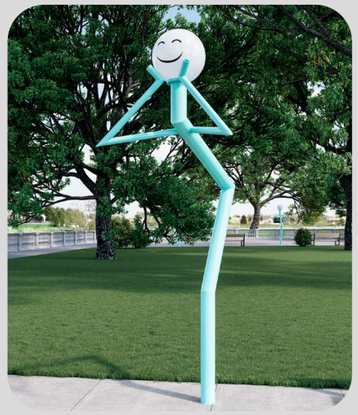
Color temperature, K 2700 3000 4000



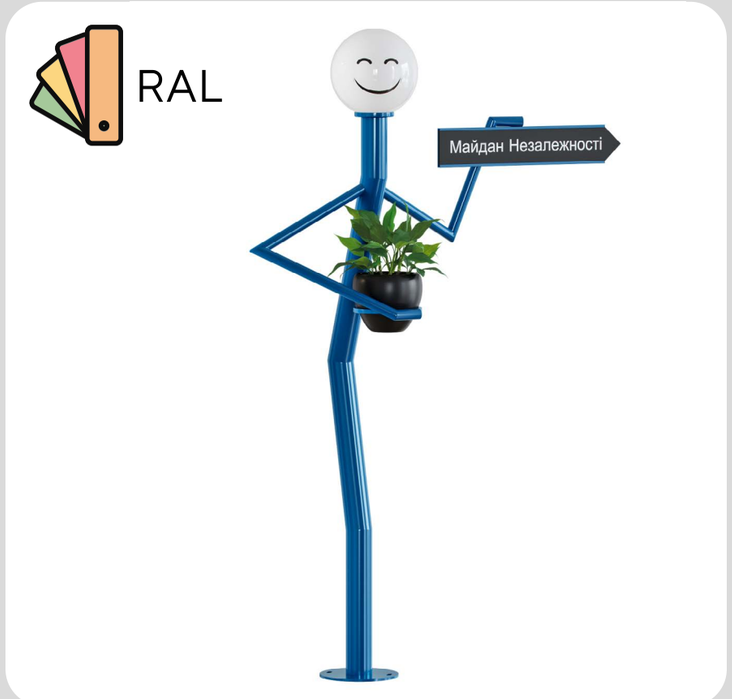
Download 3D model

TECHNICAL CARD

Height	2650 mm
Base pipe	Ø120 mm
The wall thickness of the profile	3 mm
The thickness of the mounting plate	10 mm
Interbottenline distance for mounting on an anchor device	190x190 mm, M20
Type of the applied	ROSA OP base E27 + PMMA bullet of white color.
LED lamp power consumption	30/40 W
CRI and color temperature	> 70 for 4000 K / > 70 for 3000 K / > 70 for 2700 K
Luminaire output flux	3400 - 4900 Lm
Optics	Symmetrical 360 °
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.9
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	57 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Corrosion protection	Zinc-plated soil, gas-thermal zinc spraying at a height of 0.25 m between the support flanges and in accordance with EN 40-5: 2002v
Color	Powder porcelain , any color according to the RAL palette — under the request without change of cost
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historic centers
Warranty period	2 years
Country of origin	Ukraine
Delivery set	- lighting support with ROSA Smile luminaire and light bulb; - input panel TB-1 with fuse 10A; - anchor device FP1
Option	Drawing artistic images on the lamp (eg: Smile, etc.)



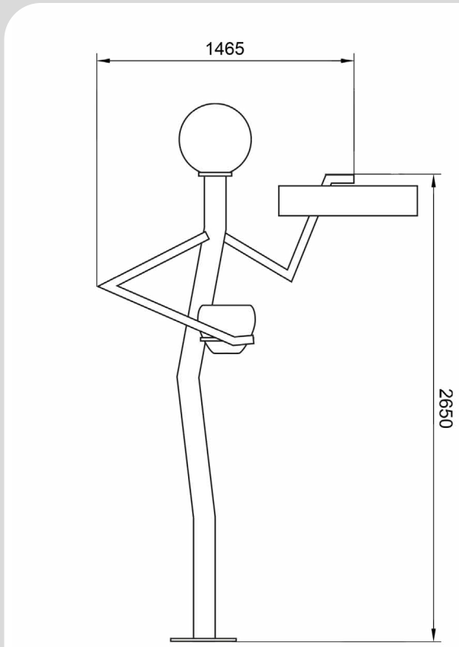
LED PARK LIGHTING
STOLB HUMAN POINTER



Height, m 2,65

Power, W 30 40

Color temperature, K 2700 3000 4000



Download 3D model

TECHNICAL CARD

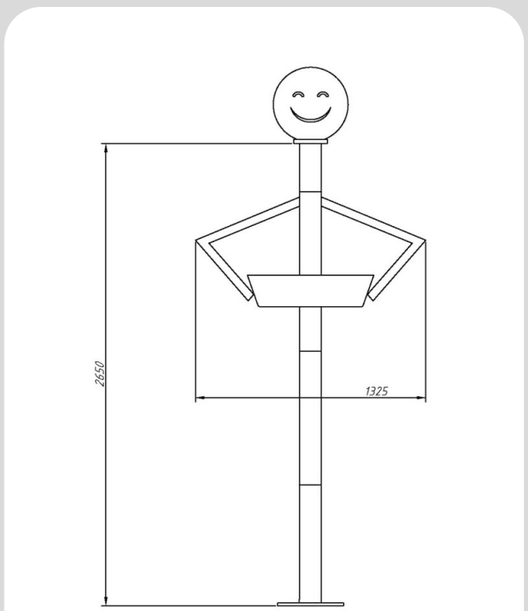
Height	2650 mm
Base pipe	Ø120 mm
The wall thickness of the profile	3 mm
The thickness of the mounting plate	10 mm
Interbottenline distance for mounting on an anchor device	190x190 mm, M20
Type of the applied	ROSA OP base E27 + PMMA bullet of white color.
LED lamp power consumption	30/40 W
CRI and color temperature	> 70 for 4000 K / > 70 for 3000 K / > 70 for 2700 K
Luminaire output flux	3400 - 4900 Lm
Optics	Symmetrical 360 °
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.9
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	57 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Corrosion protection	Zinc-plated soil, gas-thermal zinc spraying at a height of 0.25 m between the support flanges and in accordance with EN 40-5: 2002v
Color	Powder porcelain , any color according to the RAL palette — under the request without change of cost
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historic centers
Warranty period	2 years
Country of origin	Ukraine
Delivery set	- lighting support with ROSA Smile luminaire and light bulb; - input panel TB-1 with fuse 10A; - anchor device FP1
Option	Drawing artistic images on the lamp (eg: Smile, etc.)

LED PARK LIGHTING STOLB FLOWERPOT

Height, m 2,65

Power, W 30 40

Color temperature, K 2700 3000 4000



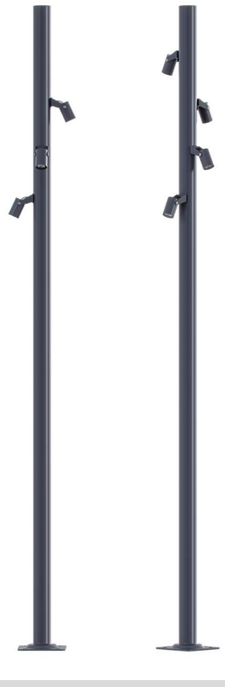
Download 3D model

TECHNICAL CARD

Height	2650 mm
Base pipe	Ø120 mm
The wall thickness of the profile	3 mm
The thickness of the mounting plate	10 mm
Interbottenline distance for mounting on an anchor device	190x190 mm, M20
Type of the applied	ROSA OP base E27 + PMMA bullet of white color.
LED module power consumption	30/40 W
CRI and color temperature	>70 for 4000 K / >70 for 3000 K / >70 for 2700 K
Luminaire output flux	3400 - 4900 Lm
Optics	Symmetrical 360°
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.9
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	57 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Corrosion protection	Zinc-plated soil, gas-thermal zinc spraying at a height of 0.25 m between the support flanges and in accordance with EN 40-5: 2002v
Color	Powder porcelain , any color according to the RAL palette — under the request without change of cost
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historic centers
Warranty period	2 years
Country of origin	Ukraine
Delivery set	- lighting support with ROSA Smile luminaire and light bulb; - input panel TB-1 with fuse 10A; - anchor device FP1
Option	Drawing artistic images on the lamp (eg: Smile, etc.)

LED PARK LIGHTING
STOLB ODS

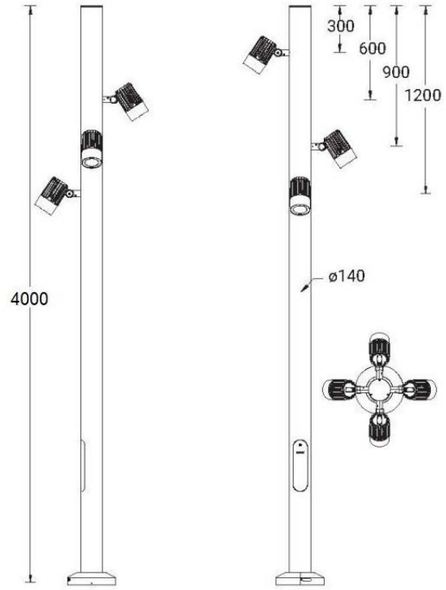
RAL



Height, m 4 5 6

Power, W 30 60

Color temperature, K 3000 4000



Download 3D model

TECHNICAL CARD

Height	4000/5000/6000 mm
Base pipe	Ø102 mm
The wall thickness of the profile	3 mm
The thickness of the mounting plate	10 mm
1 LED module power consumption (floodlight)	30/60 W
Type of the applied	Spotlights 4 pcs
CRI and color temperature	> 80 for 4000 K / > 80 for 3000 K
Luminaire output flux	3600 - 7200 Lm
Residual luminous flux 100,000 h	80%
Optics	15°; 30°; 50°; 60; 90°; 120°
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.95
Ingress protecrion	
Spotlight	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	40-70 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Corrosion protection	Zinc-plated soil, gas-thermal zinc spraying at a height of 0.25 m between the support flanges and in accordance with EN 40-5: 2002v
Color	Powder porcelain , any color according to the RAL palette — under the request without change of cost
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, parks, squares, alleys, private areas, parking lots
Warranty period	2 years
Country of origin	Ukraine
Delivery set	- lighting support with 4 searchlights located on it; - input panel TB-1 with fuse 10A; - anchor device FP1

SET OF AUTONOMOUS LIGHTING TUBE ST SOLAR ISKRA

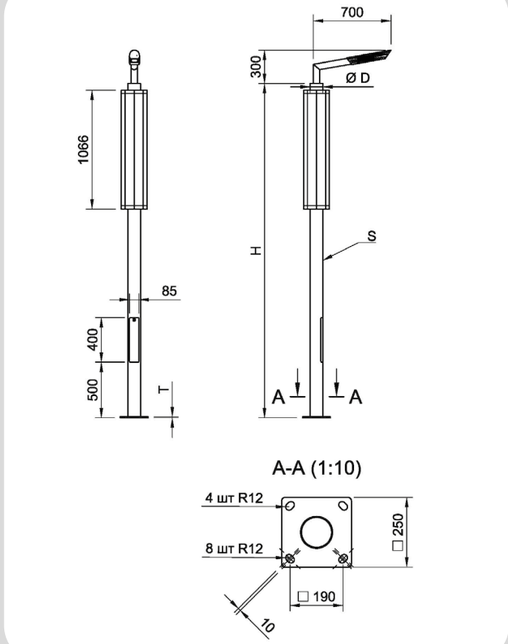
Height, m — 3,5 | 4 | 4,5 | 5,5

Power, W — 15 | 20 | 30 | 40 | 50

Color temperature, K — 3000 | 4000

SMART Technology — SMART

Download 3D model



TECHNICAL CARD

Solar panel	Power: 100 W Panel type: monocrystalline tempered glass 3.2 mm thick, covered with a coating that absorbs solar radiation, the panels tested in accordance with IEC 61215 for snow loads up to 5400 Pa (approx. 5.4 kN/m²) and IEC 61730. Available certificates: ISO 9001, ISO 14001, OHSAS 18001, ISO 2859-1
LED module power	15 - 50 W.
Operating voltage:	DC 35V
Service life of LEDs:	> 50,000 hours
Degree of protection:	IP66
Luminaire output flux	1900 - 6500 Lm
Operating temperature:	-30 .. +60 °C
Controller	MPPT 20A - 24V Ingress protecrion: IP68 Time of inclusion of the lamp is defined by definition of voltage on the solar panel. The MPPT controller, unlike the PWM, allows the most efficient use of all the power of the solar panel (by tracking the maximum power generated by the solar panel).
Battery	LiFePO4, 36AH 24V battery with thermal protection and BMS or GEL 12V 80AH controller. Suitable for operation at temperatures of -25 .. +60 °C.
Support and bracket	Height: 3500 - 5500 m. Powder coating, zinc-containing primer.There is a choice of any RAL palette for painting the support without changing the cost. Additionally, gas-thermal zinc spraying at a height of 0.25 m from the support flange in accordance with EN 40-5: 2002
Anchor device	ZST-80
Operating time	8-16 hours per day (at full power of the LED module), the battery capacity is designed for up to 3 full cloudy, rainy and windy days.
Installation recommendations	This kit is suitable for areas with an average annual peak solar power of 4 ~ 3.5 hours per day (for a power of 15-20 W)
Country-manufacturer of support	Ukraine
Additional functions	Possibility of paving the support with powder paint according to the RAL palette Possibility to come with Bluetooth interface together with software for programming and remote control of the lamp

SET OF AUTONOMOUS LIGHTING TUBE ST SOLAR ELBA

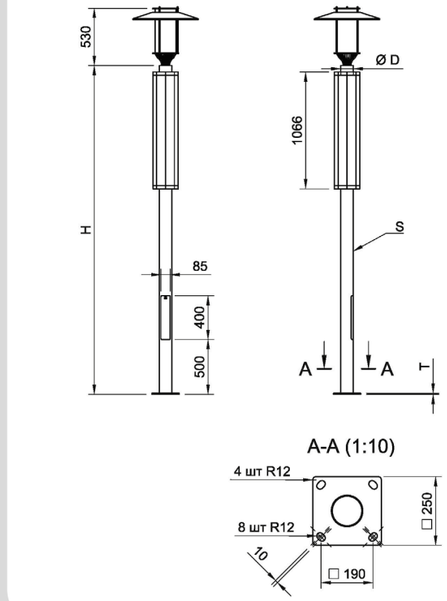
Height, m — 3,5 | 4

Power, W — 15 | 20 | 30

Color temperature, K — 3000 | 4000

SMART Technology — SMART

Download 3D model

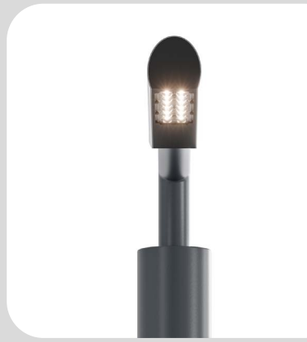


TECHNICAL CARD

Solar panel	Power: 100 W Panel type: monocrystalline tempered glass 3.2 mm thick, covered with a coating that absorbs solar radiation, the panels tested in accordance with IEC 61215 for snow loads up to 5400 Pa (approx. 5.4 kN/m²) and IEC 61730. Available certificates: ISO 9001, ISO 14001, OHSAS 18001, ISO 2859-1
LED module power	15 - 50 W.
Operating voltage:	DC 35V
Service life of LEDs:	> 50,000 hours
Degree of protection:	IP66
Luminaire output flux	1900 - 6500 Lm
Operating temperature:	-30 .. +60 °C
Controller	Time of inclusion of the lamp is defined by definition of voltage on the solar panel. The MPPT controller, unlike the PWM, allows the most efficient use of all the power of the solar panel (by tracking the maximum power generated by the solar panel).
Battery	LiFePO4, 36AH 24V battery with thermal protection and BMS or GEL 12V 80AH controller. Suitable for operation at temperatures of -25 .. +60 °C.
Support and bracket	Height: 3500 - 5500 m. Powder coating, zinc-containing primer.There is a choice of any RAL palette for painting the support without changing the cost. Additionally, gas-thermal zinc spraying at a height of 0.25 m from the support flange in accordance with EN 40-5: 2002
Anchor device	ZST-80
Operating time	8-16 hours per day (at full power of the LED module), the battery capacity is designed for up to 3 full cloudy, rainy and windy days.
Installation recommendations	This kit is suitable for areas with an average annual peak solar power of 4 ~ 3.5 hours per day (for a power of 15-20 W)
Country-manufacturer of support	Ukraine
Additional functions	Possibility of paving the support with powder paint according to the RAL palette Possibility to come with Bluetooth interface together with software for programming and remote control of the lamp

LED PARK LIGHTING
STOLB PARK TUBE ISKRA

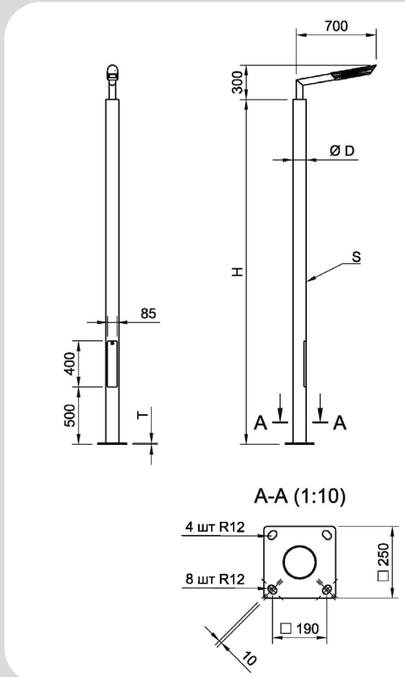
RAL



Height, m — 2,5 | 3 | 3,5 | 4 | 4,5 | 5

Power, W — 30 | 40

Color temperature, K — 3000 | 4000



Download 3D model

TECHNICAL CARD

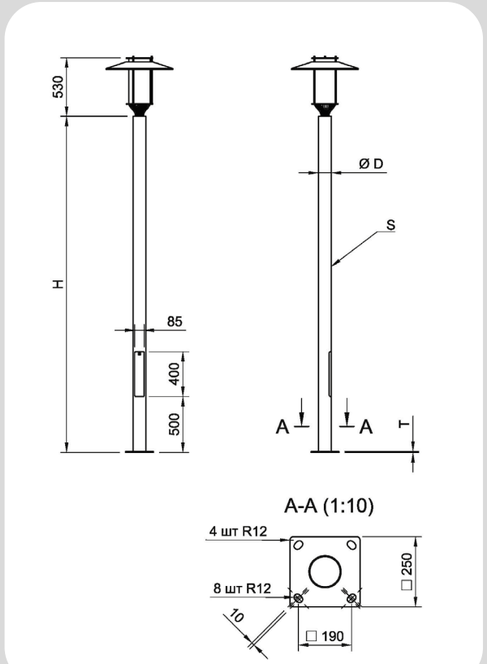
Height	2500/3000/3500/4000/4500/5000 mm
Base pipe	Ø114 mm
The wall thickness of the profile	3 mm
The thickness of the mounting plate	10 mm
Interbottenline distance for mounting on an anchor device	190x190 mm, M20
Type	ROSA Iskra LED luminaire used (with integrated LED module)
LED module power consumption	30/40 W.
CRI and color temperature	> 80 for 4000K /> 80 for 2700K
Luminaire output flux	3400 - 5500 Lm
Optics	asymmetric
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor ≥0.9	≥0.9
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	32-58 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Corrosion protection	Zinc-plated soil, gas-thermal zinc spraying at a height of 0.25 m between the support flanges and in accordance with EN 40-5: 2002v
Color	Powder porcelain , any color according to the RAL palette — under the request without change of cost
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historic centers
Warranty period	2 years
Country of origin	Ukraine
Delivery set	- lighting support with ROSA Iskra LED - input panel C10A; - anchor device ZST-80

LED PARK LIGHTING
STOLB PARK TUBE ELBA

Height, m — 2,5 | 3 | 3,5 | 4 | 4,5 | 5

Power, W — 30 | 40

Color temperature, K — 3000 | 4000



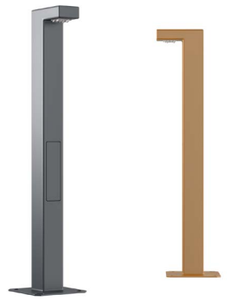
Download 3D model

TECHNICAL CARD

Height	2500/3000/3500/4000/5000 mm
Base pipe	Ø114 mm
The wall thickness of the profile	3 mm
The thickness of the mounting plate	10 mm
Interbottenline distance for mounting on an anchor device	190x190 mm, M20
Type of the applied	ROSA Elba lamp under the E27 socle (the version from Elba LED with the integrated LED module is possible)
LED lamp power consumption	30/40 W.
CRI and color temperature	> 70 for 4000K /> 70 for 3000K /> 70 for 2700K
Luminaire output flux	3400 - 4900 Lm
Optics	Symmetrical 360 °
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.9
Ingress protecrion Optical module Drivers	 IP65 IP65
Electrical Class	Class I EU
Weight	32-58 kg
Housing and finish Housing Optic	 Steel PMMA
Corrosion protection	Zinc-plated soil, gas-thermal zinc spraying at a height of 0.25 m between the support flanges and in accordance with EN 40-5: 2002v
Color	Powder porcelain , any color according to the RAL palette — under the request without change of cost
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historic centers
Warranty period	2 years
Country of origin	Ukraine
Delivery set	- ighting support with ROSA Elba luminaire and light bulb; - input panel C10A; - anchor device FP1

LED PARK LIGHTING BOLLARD STOLB PARK CUT MINI

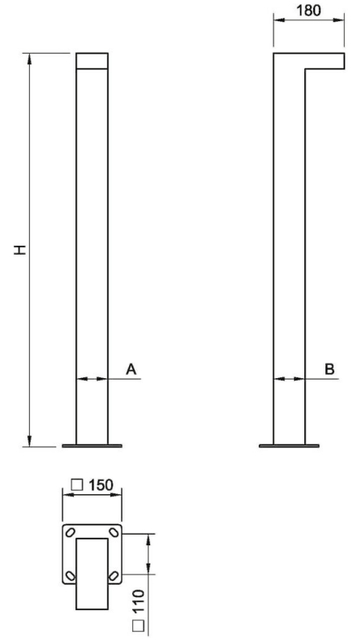
RAL



Height, m 1

Power, W 10 15

Color temperature, K 3000 4000



Download 3D model

TECHNICAL CARD

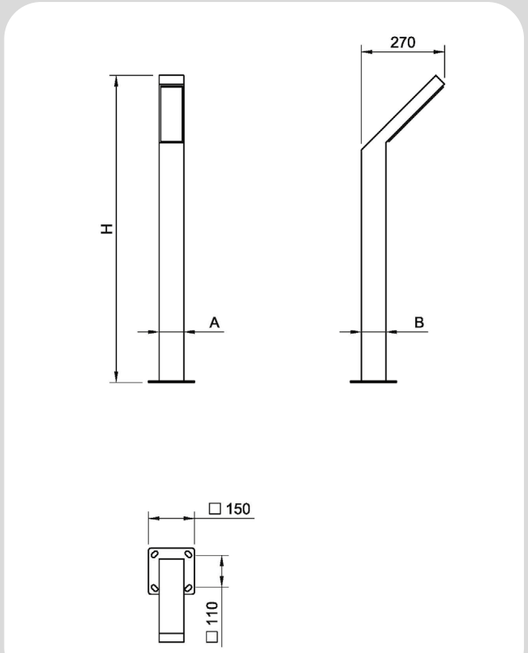
Height, H	1000 mm
Profile, AxB	80x80 mm and 80x40 mm
Profile wall thickness, S	2 mm
The thickness of the mounting plate, T	6 mm
LED module power consumption	10/15 W.
Number of LEDs	6
CRI and color temperature	> 80 for 3000K /> 80 for 4000K
Luminaire output flux	1300 -1950 Lm
Residual luminous flux 100,000 hours	80%
Optics	T2, T3, T4 (default T3)
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Optical module	IP54
Drivers	IP65
Electrical Class	Class I EU
Weight	10 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, any other color according to the RAL palette - under the request without change of cost
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, parks, squares, alleys, private areas
Warranty period	2 years
Producing country	Ukraine

LED PARK LIGHTING BOLLARD STOLB PARK CUT-1 FOLD

Height, m 1

Power, W 10 15

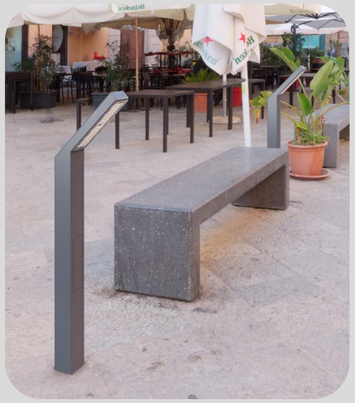
Color temperature, K 3000 4000

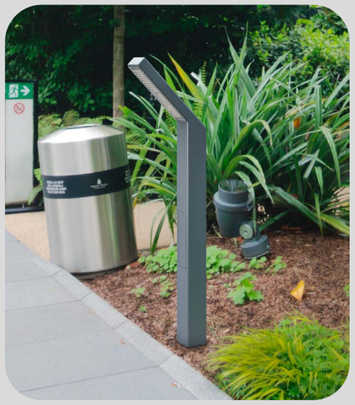


Download 3D model

TECHNICAL CARD

Height	1000 mm
Profile	80x80 mm and 80x40 mm
The wall thickness of the profile	2 mm
The thickness of the mounting plate	6 mm
LED module power consumption	10/15 W.
Number of LED	6
CRI and color temperature	> 80 for 3000K /> 80 for 4000K
Luminaire output flux	1300 -1950 Lm
Residual luminous flux 100,000 h	80%
Optics	T2, T3, T4 (default T3)
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion Optical module Drivers	 IP54 IP65
Electrical Class	Class I EU
Weight	10 kg
Housing and finish Housing Optic	 Steel PMMA
Color	Powder coating, any other color according to the RAL palette - under the request without change of cost
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, parks, squares, alleys, private areas
Warranty period	2 years
Producing country	Ukraine
Steel	Steel PMMA
Steel	Powder coating, any other color according to the RAL palette - under the request without change of cost
PMMA	Zinc-containing primer, gas-thermal spraying of zinc to a height of 0.25 m from the support flange in accordance with EN 40-5: 2002
Color	Diffuser Powder painting, color «Live coral» (any other color according to the RAL palette - under request without change of cost)
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, parks, squares, alleys, private areas
Warranty period	2 years
Country of origin	Ukraine





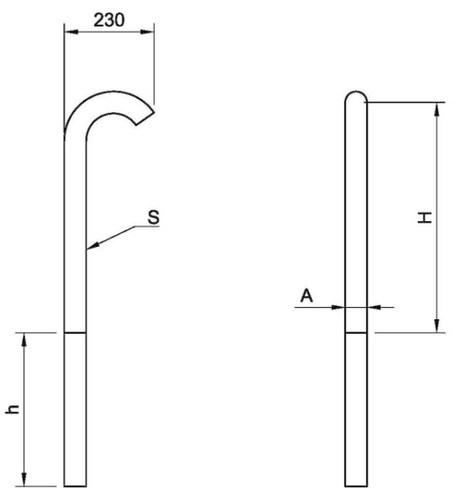
LED PARK LIGHTING BOLLARD
STOLB PARK STICK

RAL

Height, m 0,6

Power, W 10

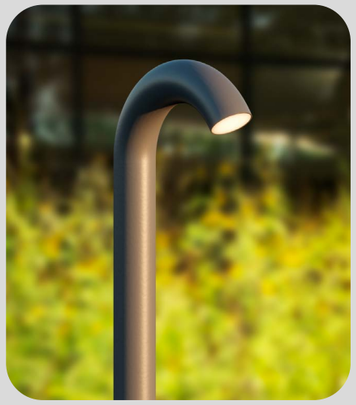
Color temperature, K 3000 4000



Download 3D model

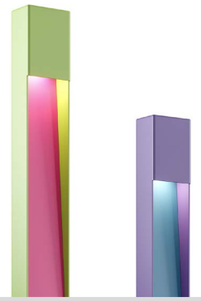
TECHNICAL CARD

Height at ground level	600 mm
Height of installation in soil / concrete	400 mm
Profile pipe round	51 mm
The wall thickness of the profile	1.5 mm
LED module power consumption	10 W.
Number of LEDs	6
CRI and color temperature	> 80 for 3000K /> 80 for 4000K
Luminaire output flux	1300 Lm
Residual luminous flux 100,000 h	80%
Optics	Symmetrical
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	IP65
Electrical Class	Class I EU
Weight	4 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, any other color according to the RAL palette - under the request without change of cost
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, parks, squares, alleys, private areas
Warranty period	2 years
Producing country	Ukraine
Application	Pedestrian areas, parks, squares, alleys, private areas
Warranty period	1 year
Country of origin	Ukraine



LED PARK LIGHTING BOLLARD
STOLB PARK RAMP

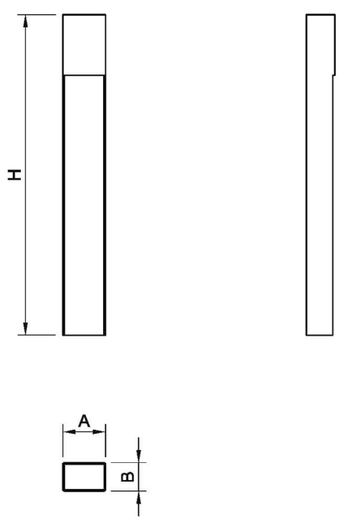
RAL



Height, m 0,6 0,9

Power, W 12 18

Color temperature, K 3000 4000



Download 3D model

TECHNICAL CARD

Height, H	600/900 mm
Profile, AxB	80x80 mm and 80x40 mm
Profile wall thickness, S	2 mm
The thickness of the mounting plate. T	6 mm
LED module power consumption	12/18 W.
Number of LEDs	6
CRI and color temperature	> 80 for 3000K /> 80 for 4000K
Luminaire output flux	1300 -1950 Lm
Residual luminous flux 100,000 hours	80%
Optics	Asymmetric
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Optical module	IP54
Drivers	IP65
Electrical Class	Class I EU
Weight	10 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, any other color according to the RAL palette - under the request without change of cost
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, parks, squares, alleys, private areas
Warranty period	2 years
Producing country	Ukraine

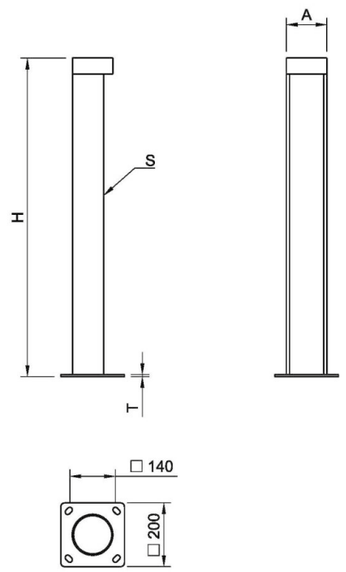
LED PARK LIGHTING BOLLARD
STOLB PARK CURVE

RAL

Height, m — 0,6 | 1

Power, W — 12 | 18

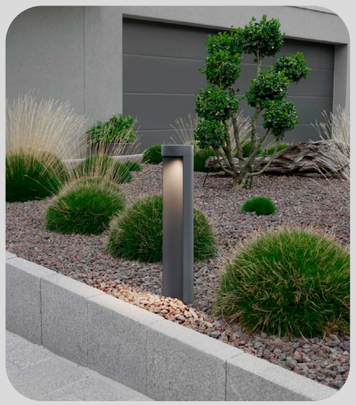
Color temperature, K — 3000 | 4000



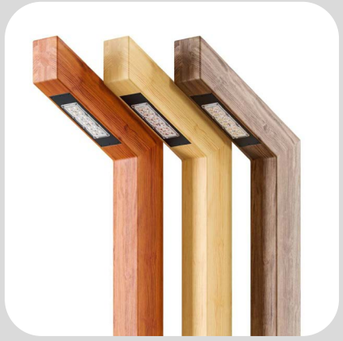
Download 3D model

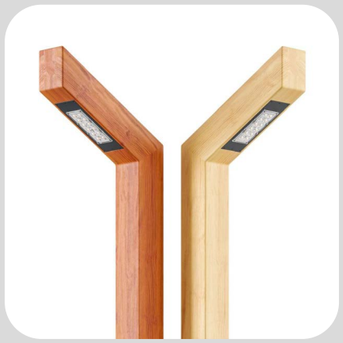
TECHNICAL CARD

Height, H	600/1000 mm
Profile, A	Ø127 mm
Profile wall thickness, S	3 mm
The thickness of the mounting plate	6 mm
LED module power consumption	12/18 W.
Number of LEDs	6
CRI and color temperature	> 80 for 3000K /> 80 for 4000K
Luminaire output flux	1560 - 2340 Lm
Residual luminous flux 100,000 hours	80%
Optics	Asymmetric
Nominal voltage	220 - 240 V; 50 - 60 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Optical module	IP54
Drivers	IP65
Electrical Class	Class I EU
Weight	15 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, any other color according to the RAL palette - under the request without change of cost
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, parks, squares, alleys, private areas
Warranty period	2 years
Producing country	Ukraine



LED PARK LIGHTING
STOLB WOOD FOLD

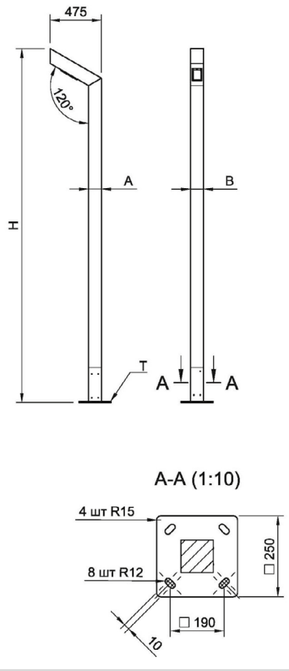




Height, m: 2,5 | 3 | 3,5 | 4 | 4,5

Power, W: 15 | 20 | 25 | 30 | 35 | 40 | 45

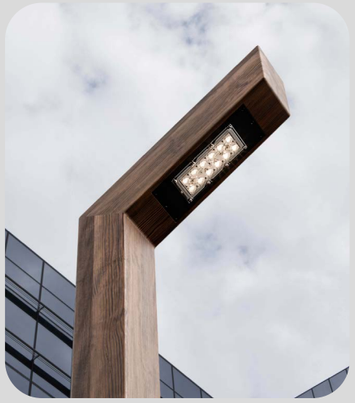
Color temperature, K: 3000 | 4000

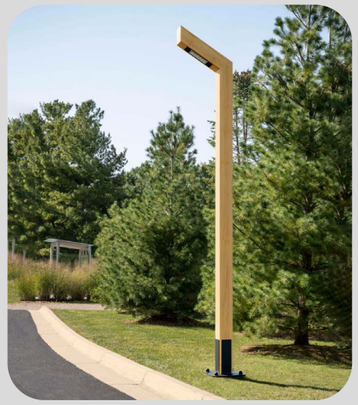


Download 3D model

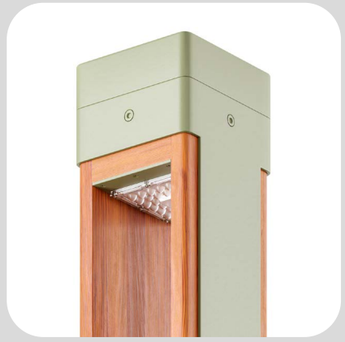
TECHNICAL CARD

Height	2500/3000/3500/4000/4500 mm
Profile	120x120 mm
The thickness of the mounting plate	6 mm
LED module power consumption	5/20/25/30/35/40/45 W
Number of LEDs	12
CRI and color temperature	>80 for 3000K / >80 for 4000K
Luminaire output flux	2100 -6500 Lm
Residual luminous flux 100,000 h	80%
Optics	T2, T3, T4 (default T3)
Nominal voltage	220 - 240 V; 50 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Optical module	IP54
Drivers	IP65
Electrical Class	Class I EU
Weight	17 - 28 kg
Housing and finish	
Housing	Wood, steel
Optic	PMMA
Color	Paint and varnish coating of wooden parts; Powder coating of metal elements
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, parks, squares, alleys, private areas
Warranty period	1 year
Country of origin	Ukraine





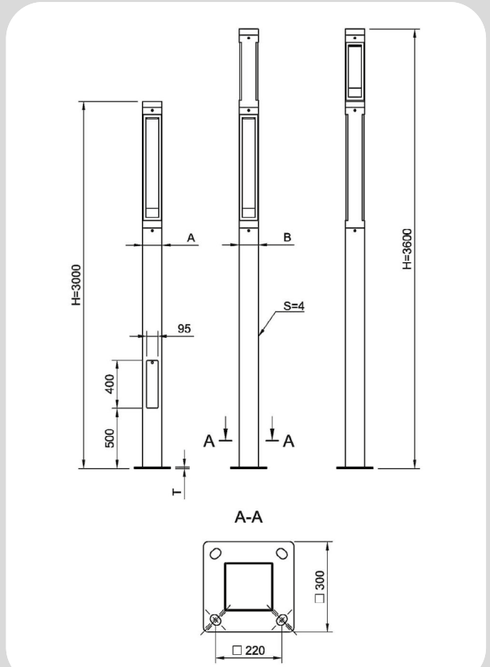
LED PARK LIGHTING
STOLB WOOD ACCENT



Height, m — 3 | 3,6

Power, W — 20+30 | 20+30 | 30 | 40

Color temperature, K — 3000 | 4000

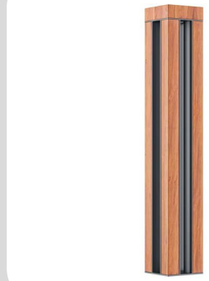


Download 3D model

TECHNICAL CARD

Height, H	3000 mm (1 module)/3600 mm (2 modules)
Profile, AxB	160x160 mm
Profile wall thickness, S	4 mm
Thickness of a fastening plate, T	12 mm
LED module power consumption	30/40 W (1 module)/20 + 30/30 + 40 (2 modules)
Number of LEDs	28
CRI and color temperature	> 80 for 3000K /> 80 for 4000K
Luminaire output flux	4800 / 6400Lm (1 module) / 3200 + 4800/4800 + 6400 (2 modules)
Residual luminous flux 100,000 hours	80%
Optics	symmetrical/asymmetrical
Nominal voltage	220 - 240 V; 50 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Optical module	IP54
Drivers	IP65
Electrical Class	Class I EU
Weight	70-90 kg
Housing and finish	
Housing	Wood, steel
Optic	PMMA
Color	Paint and varnish coating of wooden parts; Powder coating of metal elements
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, parks, squares, alleys, private areas
Warranty period	1 year
Producing country	Ukraine

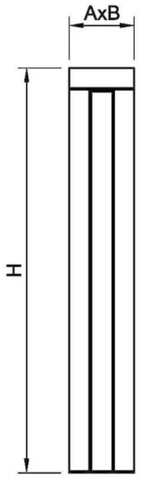
PARK LED COLUMN FROM A TREE OF STOLB WOOD X



Height, m 1

Power, W 10 15

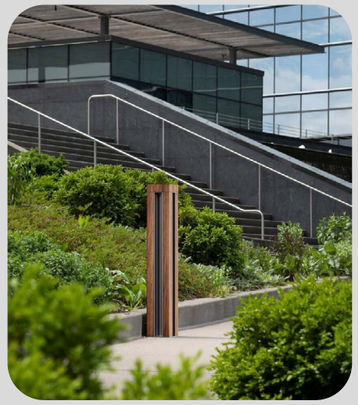
Color temperature, K 3000 4000

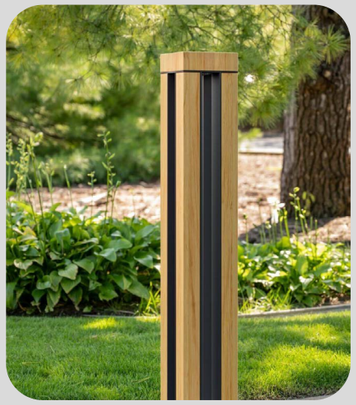


Download 3D model

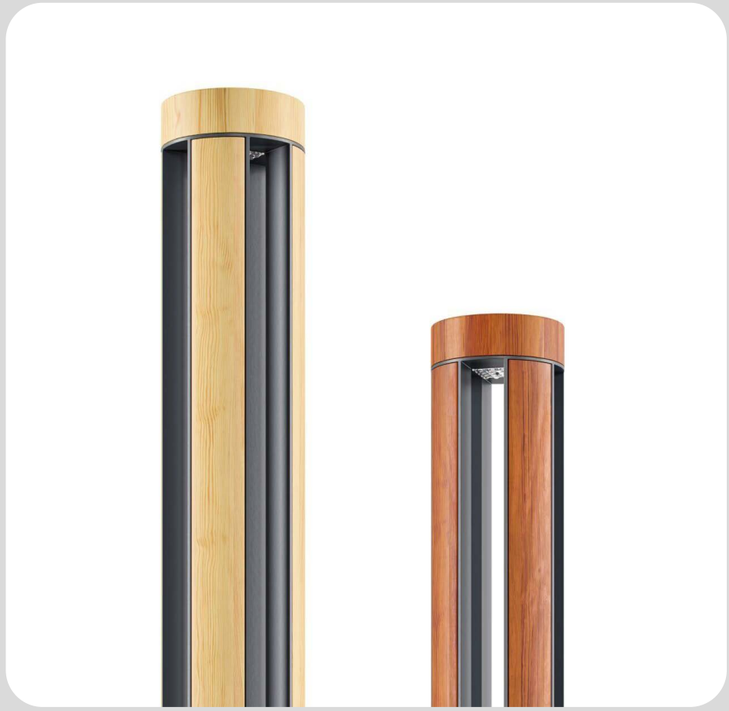
TECHNICAL CARD

Height, H	1000 mm
Profile, A	160x160 mm
LED module power consumption	10/15 W.
Number of LEDs	4
CRI and color temperature	> 80 for 3000K /> 80 for 4000K
Luminaire output flux	1300 -1950 Lm
Residual luminous flux 100,000 hours	80%
Optics	symmetric
Nominal voltage	220 - 240 V; 50 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Optical module	IP54
Drivers	IP65
Electrical Class	Class I EU
Weight	23 kg
Housing and finish	
Housing	Wood, steel
Optic	PMMA
Color	Paint and varnish coating of wooden parts; Powder coating of metal elements
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, parks, squares, alleys, private areas
Warranty period	1 year
Producing country	Ukraine





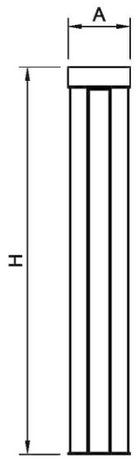
PARK LED COLUMN FROM A TREE OF STOLB WOOD XC



Height, m 1

Power, W 10 15

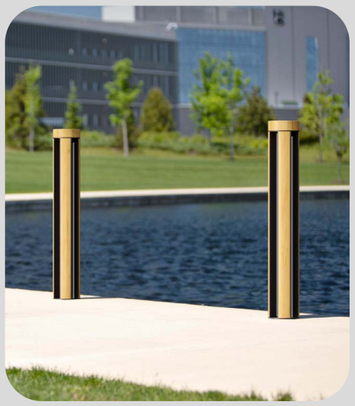
Color temperature, K 3000 4000



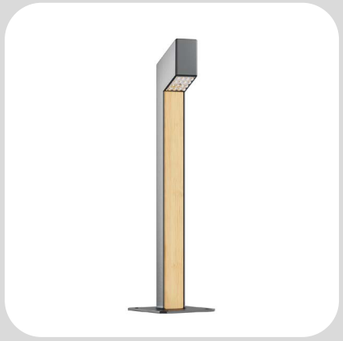
Download 3D model

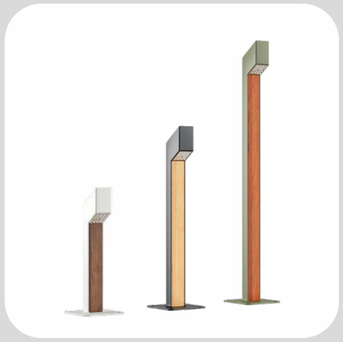
TECHNICAL CARD

Height, H	1000 mm
Profile, A	Ø160 mm
LED module power consumption	10/15 W.
Number of LEDs	4
CRI and color temperature	> 80 for 3000K /> 80 for 4000K
Luminaire output flux	1300 -1950 Lm
Residual luminous flux 100,000 hours	80%
Optics	symmetric
Nominal voltage	220 - 240 V; 50 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Optical module	IP54
Drivers	IP65
Electrical Class	Class I EU
Weight	23 kg
Housing and finish	
Housing	Wood, steel
Optic	PMMA
Color	Paint and varnish coating of wooden parts; Powder coating of metal elements
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, parks, squares, alleys, private areas
Warranty period	1 year
Producing country	Ukraine



LED PARK LIGHTING BOLLARD STOLB WOOD BEVELS

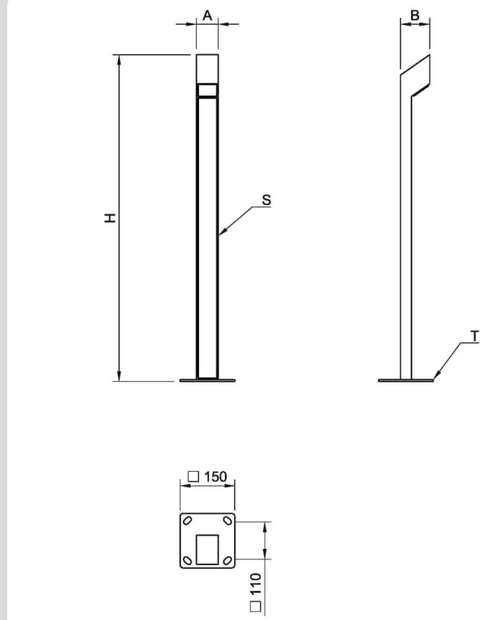




Height, m 0,4 0,6 0,9

Power, W 6 10 15

Color temperature, K 3000 4000



Download 3D model

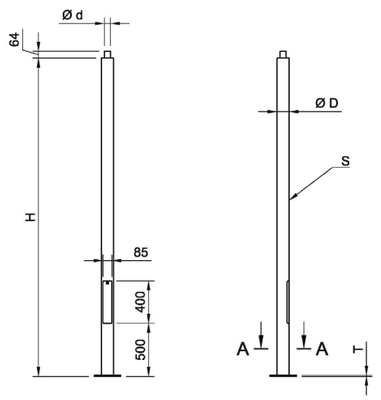
TECHNICAL CARD

Height, H	400/600/900 mm
Profile, A	60x80 mm
LED module power consumption	6/10/15 W
Number of LEDs	4
CRI and color temperature	> 80 for 3000K /> 80 for 4000K
Luminaire output flux	800 -1950 Lm
Residual luminous flux 100,000 hours	80%
Optics	symmetric
Nominal voltage	220 - 240 V; 50 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Optical module	IP54
Drivers	IP65
Electrical Class	Class I EU
Weight	8 kg
Housing and finish	
Housing	Wood, steel
Optic	PMMA
Color	Paint and varnish coating of wooden parts; Powder coating of metal elements
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, parks, squares, alleys, private areas
Warranty period	1 year
Producing country	Ukraine

LIGHTING POLE
STOLB PARK TUBE

Height, m

2,5 3 3,5 4 4,5
5 5,5 6



Download 3D model

TECHNICAL CARD

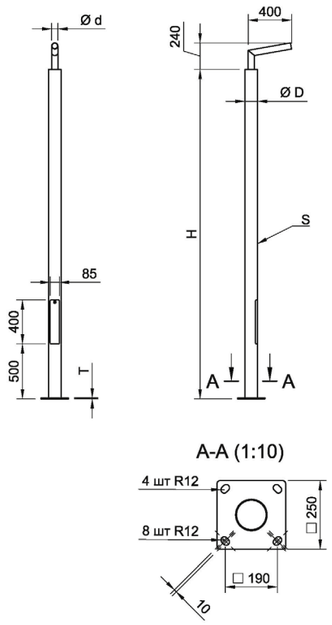
Height	2500/3000/3500/4000/4500/ 5000/5500/6000 mm
Base pipe	Ø114 mm
The wall thickness of the profile	3 mm
The thickness of the mounting plate	10 mm
Interbottenline distance for mounting on an anchor device	190x190 mm, M20
Type of lamp	console
Weight	30 - 65 kg
Construction materials	Steel
Corrosion protection	Zinc-containing primer, gas-thermal spraying of zinc to a height of 0.25 m from the support flange in accordance with EN 40-5: 2002
Color	Powder coating, any other color according to the RAL palette - on request without changing the cost
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historic centers
Warranty period	2 years
Country of origin	Ukraine
Delivery set	- lighting support - anchor device ZST-80

LIGHTING POLE
STOLB PARK TUBE W

RAL

Height, m

2,5 | 3 | 3,5 | 4 | 4,5 | 5



Download 3D model

TECHNICAL CARD

Height	2500/3000/3500/4000/4500/5000 mm
Base pipe	Ø114 mm
The wall thickness of the profile	3 mm
The thickness of the mounting plate	10 mm
Interbottenline distance for mounting on an anchor device	190x190 mm, M20
Type of lamp	console
Weight	30 - 56 kg
Construction materials	Steel
Corrosion protection	Zinc-containing primer, gas-thermal spraying of zinc to a height of 0.25 m from the support flange in accordance with EN 40-5: 2002
Color	Powder coating, any other color according to the RAL palette - on request without changing the cost
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historic centers
Warranty period	2 years
Country of origin	Ukraine
Delivery set	- lighting support - anchor device ZST-80

LED PARK LIGHTING STOLB AVENUE

Height, m

4,5 6

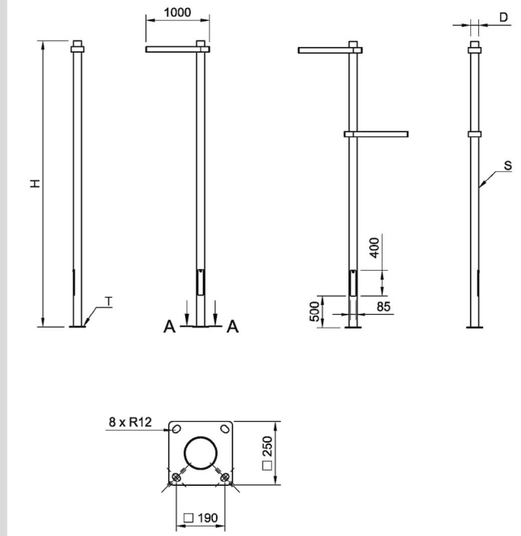
Power, W

40 50 60
40+40 40+50
50+50 50+60
60+60

Color temperature, K

3000 4000

Download 3D model



TECHNICAL CARD

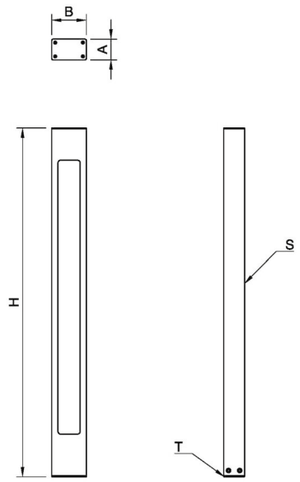
Height	4500 mm (available 1-2 lighting modules power 40-50 W)/6000 mm (available 1-2 lighting modules or up to 4, power 50-60 W)
Base pipe, D	Ø114 mm
Profile wall thickness	3 mm
The thickness of the mounting plate	12 mm
Bolt-to-bolt distance for mounting on an anchor device	190x190 mm, M20
LED module power consumption	40/50/60 W
CRI and color temperature	>80 for 4000K / >80 for 2700K
Luminaire output flux	4500 - 9200 Lm
Optics	Asymmetric, symmetrical
Nominal voltage	220 - 240 V; 50-60 Hz
Power factor	≥0.9
Surge protection	10 kV (optional)
Ingress protecrion Optical module Drivers	 IP65 IP65
Electrical Class	Class I EU
Weight	40-68 kg
Housing and finish Housing Optic	 Aluminum, steel PMMA
Color	Powder coating, color «Living coral» (any other color according to the RAL palette - on request without changing the price)
Protection against corrosion	Zinc-containing primer, gas-thermal spraying of zinc to a height of 0.25 m from the support flange in accordance with EN 40-5:2002
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historical centers
Warranty period	1 year
Country of origin	Ukraine
Delivery set	- lighting support with lamps (depending on the modification) - input shield C10A; - anchor device ZST-80.

LED PARK LIGHTING BOLLARD
STOLB PARK LOFTY

Height, m 0,65 1

Power, W 12 18

Color temperature, K 3000 4000



Download 3D model

TECHNICAL CARD

Height	650/1000 mm
Profile, AxB	100x60 mm
Profile wall thickness	2 mm
The thickness of the mounting plate	6 mm
LED module power consumption	12/18 W
Number of LEDs	6
CRI and color temperature	>80 for 3000K / >80 for4000K
Luminaire output flux	1700 -2700 Lm
Residual luminous flux 100,000 h	80%
Optics	Asymmetric
Nominal voltage	220 - 240 V; 50-60 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	11-18 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, color «Living coral» (any other color according to the RAL palette - on request without changing the price)
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historical centers
Warranty period	1 year
Country of origin	Ukraine

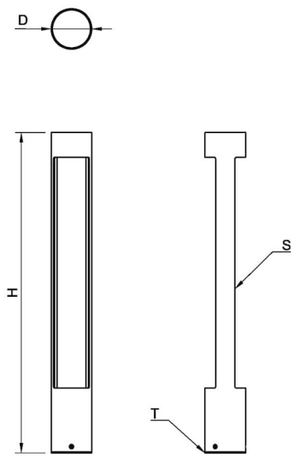
LED PARK LIGHTING BOLLARD
STOLB PARK PORTA

RAL

Height, m 0,6 0,9

Power, W 12 18

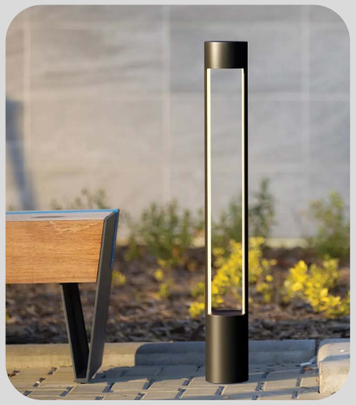
Color temperature, K 3000 4000



Download 3D model

TECHNICAL CARD

Height	650/900 mm
Profile, A	Ø 114 mm
Profile wall thickness	3 mm
LED module power consumption	12/18 W
Number of LEDs	6
CRI and color temperature	>80 for 3000K / >80 for4000K
Luminaire output flux	1560 - 2340 Lm
Residual luminous flux 100,000 h	80%
Optics	Symmetric
Nominal voltage	220 - 240 V; 50-60 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	9-12 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, color «Living coral» (any other color according to the RAL palette - on request without changing the price)
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historical centers
Warranty period	1 year
Country of origin	Ukraine

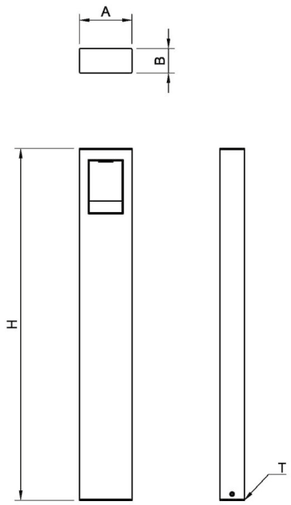


PARK LED WOODEN COLUMN
STOLB WOOD BLOCK

Height, m — 0,6 | 1

Power, W — 12 | 18

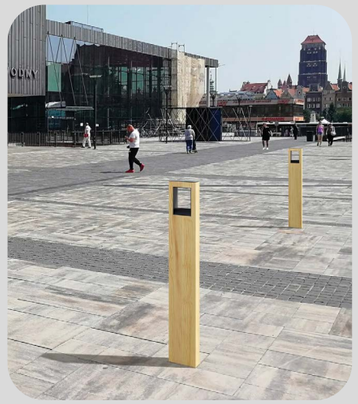
Color temperature, K — 3000 | 4000



Download 3D model

TECHNICAL CARD

Height	600/1000 mm
Profile, A	150x70 mm
LED module power consumption	12/18 W
Number of LEDs	4
CRI and color temperature	>80 for 3000K / >80 for4000K
Luminaire output flux	1680-2520 Lm
Residual luminous flux 100,000 h	80%
Optics	Symmetric
Nominal voltage	220 - 240 V; 50 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	6-8 kg
Housing and finish	
Housing	Wood, steel
Optic	PMMA
Color	Powder coating, color «Living coral» (any other color according to the RAL palette - on request without changing the price)
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historical centers
Warranty period	1 year
Country of origin	Ukraine



PARK SUPPORT LED — A TREE WITH BIRDS OF STOLB WOOD BIRD

RAL

Height, m 8

Power, W 18x10.5

Color temperature, K 3000 4000

Download 3D model

TECHNICAL CARD

Height	8000 mm
1 LED module power consumption (floodlight)	10.5 W
Type of the applied	Spotlights 18 pcs
CRI and color temperature	> 80 for 4000 K / > 80 for 3000 K
Luminaire output flux	18x1423 Lm
Residual luminous flux 100,000 h	80%
Optics	10° - 30°
Nominal voltage	220 - 240 V; 50 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Spotlight	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	300 kg
Housing and finish	
Housing	Wood, Steel
Color	Paint coating of wooden parts; Powder coating - metal elements
Operating temperature range	-35 ° C ... +55 ° C
Application	Parks, squares, alleys, private areas
Warranty period	1 year
Country of origin	Ukraine

SMART TREE WITH SOLAR PANELS QI CHARGING, USB, WI-FI AND LED LIGHTING

Height, m 4.5

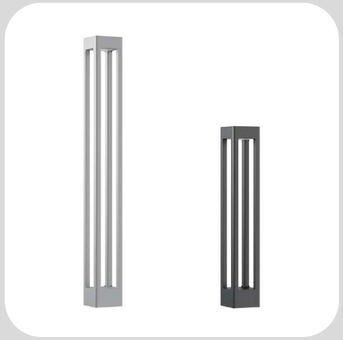
Power, W 4x50

Download 3D model

TECHNICAL CARD

Solar panel	Power: 5x50 W Panel type: monocrystalline with 3.2 mm thick tempered glass, covered with a coating that absorbs solar radiation, the panels are tested according to IEC 61215 for snow loads up to 5400 Pa (approx. 5.4 kN/m2) and IEC 61730. Certificates available: ISO 9001, ISO 14001, OHSAS 18001, ISO 2859-1
LED lighting	Power: 3x8 W Operating voltage: DC 24V Lifetime of LEDs: >50,000 hours Degree of protection: IP66 Luminous flux: 800 Lm Operating temperature: -30 .. +60
Controller	MPPT 20A - 24V Degree of protection: IP68 The time of turning on the lamp is determined by the determination of the voltage on the solar panel. An MPPT type controller, unlike PWM, allows the most efficient use of the full power of the solar panel (by tracking the maximum power generated by the solar panel).
USB ports	4 pcs, power 5/9/12 V and 2.1 A per port
Wireless charging	2 pcs, according to the QI standard with a power of 10 W
Wi-Fi module	Wi-Fi module that receives Internet from a 4G LTE modem (requires a SIM card with a tariff plan) up to 150 Mbps. Wi-Fi range: 10-20 m from the bench (as an option)
Battery	LiFePO4, 36AH 24V with thermal protection and BMS controller or GEL 12V 80AH. Suitable for operation at temperatures of -25 .. +60 .
Column	Height: 4500 mm. Powder coating, zinc-containing primer. Any choice of RAL palette is available for painting the support without changing the cost. Additionally, to protect the support flange, gas-thermal zinc spraying is applied to a height of 0.25 m from the support flange in accordance with EN 40-5:2002.
Anchor	ZST-150
Work time	8-16 hours per day (with the full power of the LED module), the battery capacity is designed for 3 full cloudy, rainy and windy days.
Installation recommendations	This set is suitable for areas with an average annual peak solar power of 4 ~ 3.5 hours per day
Country-producer of support	Ukraine
Additional functions	It is possible to paint the support with powder paint in accordance with the RAL palette Possibility of delivery with a Bluetooth interface along with software for programming and remote control of the lamp System configuration can be changed depending on customer or project requirements

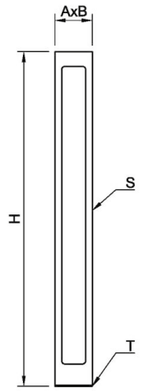
LED PARK LIGHTING BOLLARD STOLB PARK XR



Height, m 0,6 0,9

Power, W 12 18

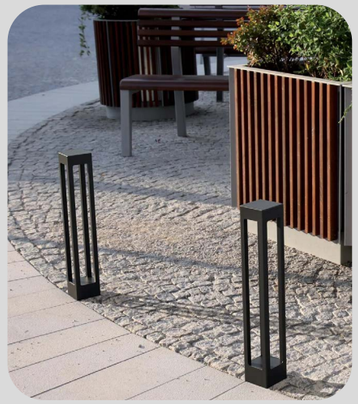
Color temperature, K 3000 4000



Download 3D model

TECHNICAL CARD

Height	600/900 mm
Profile, AxB	100x100 mm
Profile wall thickness	3 mm
The thickness of the mounting plate	3 mm
LED module power consumption	12/18 W
Number of LEDs	6
CRI and color temperature	>80 for 3000K / >80 for4000K
Luminaire output flux	1700 -2700 Lm
Residual luminous flux 100,000 h	80%
Optics	Symmetric
Nominal voltage	220 - 240 V; 50-60 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	5-7 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, color «Living coral» (any other color according to the RAL palette - on request without changing the price)
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historical centers
Warranty period	1 year
Country of origin	Ukraine



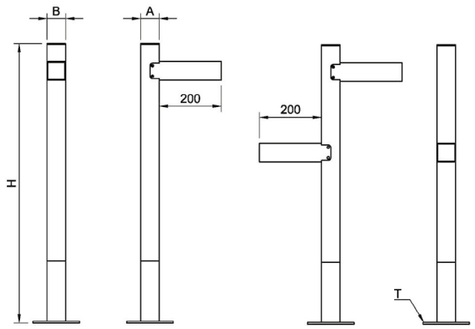
PARK LED WOODEN COLUMN
STOLB WOOD CLIP

RAL

Height, m — 0,6 | 0,9

Power, W — 12 | 18

Color temperature, K — 3000 | 4000



Download 3D model

TECHNICAL CARD

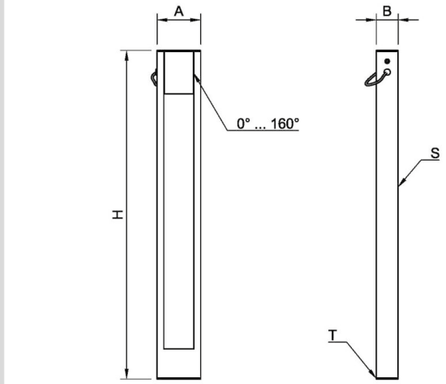
Height	600/900 mm
Profile, AxB	60x60 mm
The thickness of the mounting plate	6 mm
LED module power consumption	12/18/2x12/2x18 W
Number of LEDs	4
CRI and color temperature	>80 for 3000K / >80 for4000K
Luminaire output flux	1680-2520 Lm
Residual luminous flux 100,000 h	80%
Optics	Symmetric
Nominal voltage	220 - 240 V; 50 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	5-7 kg
Housing and finish	
Housing	Wood, steel
Optic	PMMA
Color	Paint and varnish coating of wooden parts; Powder coating - metal elements
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historical centers
Warranty period	1 year
Country of origin	Ukraine

LED PARK LIGHTING BOLLARD
STOLB PARK BLUFFY

Height, m 0,6 0,9

Power, W 12 18

Color temperature, K 3000 4000

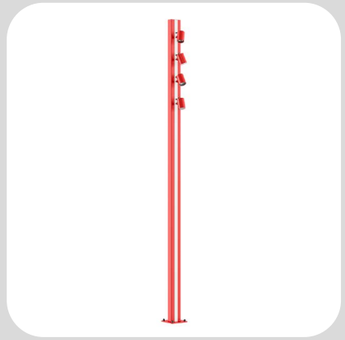


Download 3D model

TECHNICAL CARD

Height	600/900 mm
Profile, AxB	120x60 mm
Profile wall thickness	2 mm
The thickness of the mounting plate	3 mm
LED module power consumption	12/18 W
Number of LEDs	6
CRI and color temperature	>80 for 3000K / >80 for4000K
Luminaire output flux	1700 -2700 Lm
Residual luminous flux 100,000 h	80%
Optics	Symmetric
Nominal voltage	220 - 240 V; 50-60 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	6-8 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, color «Living coral» (any other color according to the RAL palette - on request without changing the price)
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historical centers
Warranty period	1 year
Country of origin	Ukraine

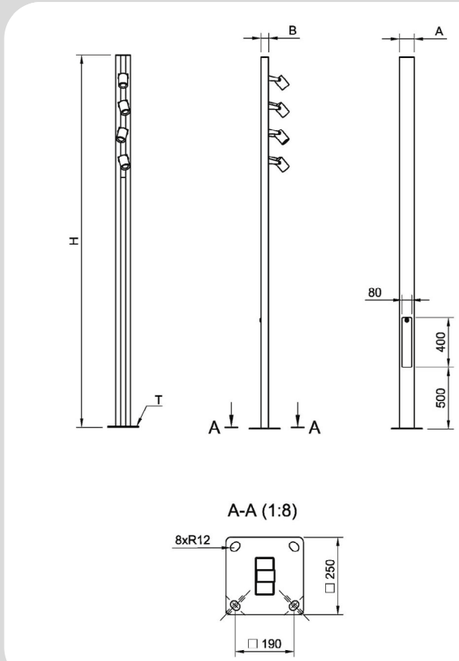
LED PARK LIGHTING BOLLARD
STOLB PARK FOCUS



Height, m 3

Power, W 4x10,5 4x10,5+backlight

Color temperature, K 3000 4000



Download 3D model

TECHNICAL CARD

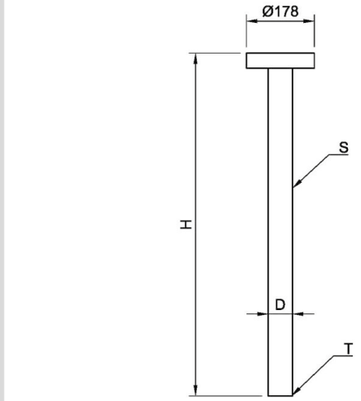
Height	3000 mm
Profile, A	Ø 120x60 mm
Fastening plate thickness, T	10 mm
LED module power consumption	4x10.5 W
CRI and color temperature	>80 for 3000K / >80 for4000K
Luminaire output flux	4x1423 Lm
Residual luminous flux 100,000 h	80%
Lighting angle	10° - 30°
Nominal voltage	220 - 240 V; 50-60 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	40 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, color «Living coral» (any other color according to the RAL palette - on request without changing the price)
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historical centers
Warranty period	1 year
Country of origin	Ukraine

LED PARK LIGHTING BOLLARD
STOLB PARK PUNTO

Height, m — 0,6 | 0,9

Power, W — 12 | 18

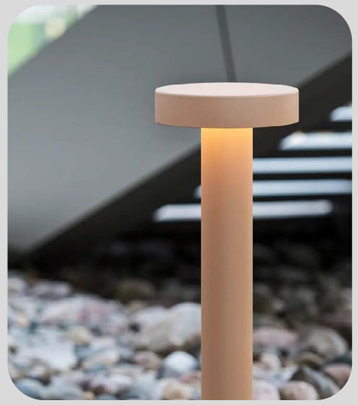
Color temperature, K — 3000 | 4000



Download 3D model

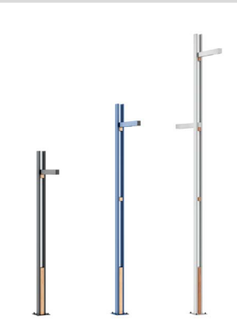
TECHNICAL CARD

Height	650/900 mm
Profile, A	Ø 64 mm
Profile wall thickness	2 mm
Fastening plate thickness, T	3 mm
LED module power consumption	12/18 W
Number of LEDs	8
CRI and color temperature	>80 for 3000K / >80 for4000K
Luminaire output flux	1560 - 2340 Lm
Residual luminous flux 100,000 h	80%
Optics	Symmetric
Nominal voltage	220 - 240 V; 50-60 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	9-12 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, color «Living coral» (any other color according to the RAL palette - on request without changing the price)
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historical centers
Warranty period	1 year
Country of origin	Ukraine



LED PARK LIGHTING STOLB TWIN

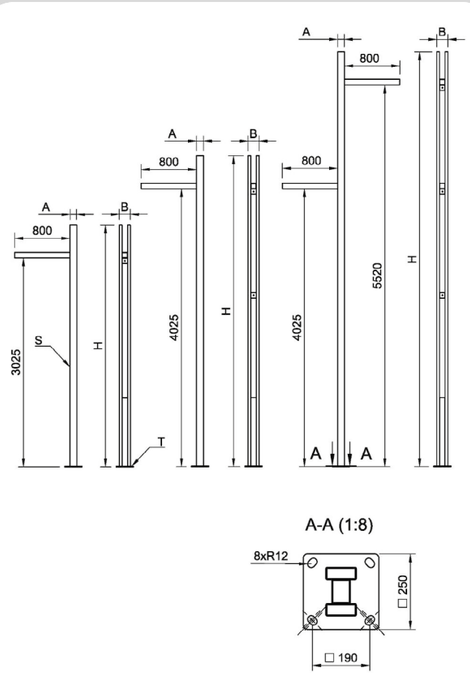
RAL



Height, m: 3,5 | 6,5 | 6

Power, W: 40 | 50 | 40+50 | 50+50

Color temperature, K: 3000 | 4000



Download 3D model

TECHNICAL CARD

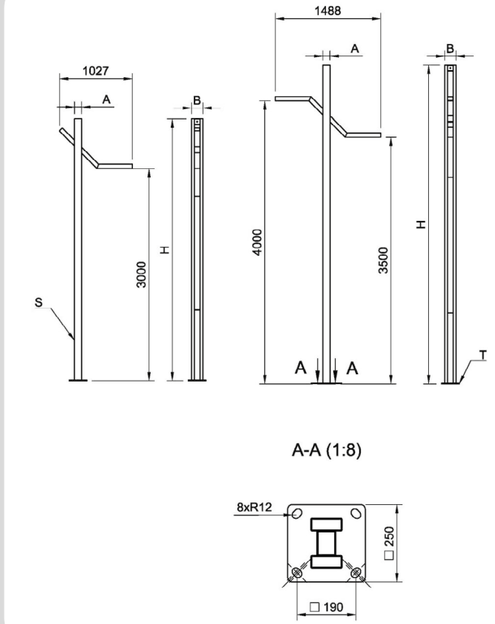
Height	3500/4500/6000 mm
Profile	100x160 mm
Profile wall thickness, S	3 mm
Thickness of the mounting plate, T	10 mm
LED module power consumption	40/50/40+50/50+50 W
Number of LEDs	12
CRI and color temperature	>70 for 3000K / >70 for 4000K
Luminaire output flux	5200-6500 Lm
Residual luminous flux 100,000 h	80%
Optics	T2, T3, T4 (default T3)
Nominal voltage	220 - 240 V; 50-60 Hz
Power factor	≥0.95
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	55-85 kg
Housing and finish	
Housing	Wood, steel
Optic	PMMA
Corrosion protection	Zinc-containing primer, gas-thermal spraying of zinc to a height of 0.25 m from the support flange in accordance with EN 40-5:2002
Color	Paint coating of wooden parts Powder painting, any other color according to the RAL palette - to order without changing the price
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicyclecorners, parks, squares, alleys, private territories
Warranty period	1 year
Country of origin	Ukraine
Delivery package	- lighting support with integrated LED module, driver and optics; - input shield - anchor device ZST-80

LED PARK LIGHTING STOLB TILT

Height, m: 3,7 | 4,5

Power, W: 40 | 50 | 40+40 | 40+50

Color temperature, K: 3000 | 4000

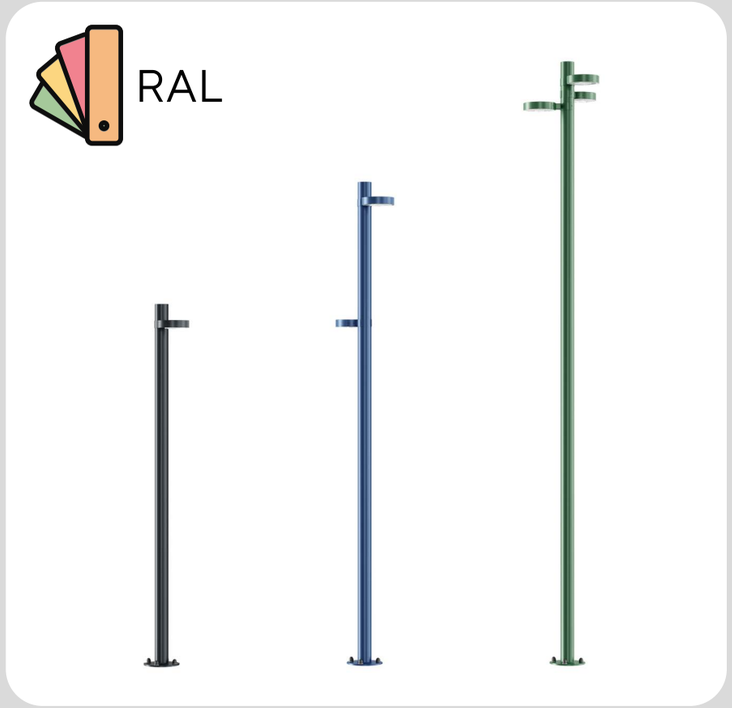


Download 3D model

TECHNICAL CARD

Height	3700/4500 mm
Profile	100x160 mm
Profile wall thickness, S	3 mm
Thickness of the mounting plate, T	10 mm
LED module power consumption	40/50/40+50/50+50 W
Number of LEDs	12
CRI and color temperature	>70 for 3000K / >70 for 4000K
Luminaire output flux	5200-6500 Lm
Residual luminous flux 100,000 h	80%
Optics	T2, T3, T4 (default T3)
Nominal voltage	220 - 240 V; 50-60 Hz
Power factor	≥0.95
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	58-69 kg
Housing and finish	
Housing	Wood, steel
Optic	PMMA
Corrosion protection	Zinc-containing primer, gas-thermal spraying of zinc to a height of 0.25 m from the support flange in accordance with EN 40-5:2002
Color	Paint coating of wooden parts Powder painting, any other color according to the RAL palette - to order without changing the price
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicyclecorners, parks, squares, alleys, private territories
Warranty period	1 year
Country of origin	Ukraine
Delivery package	- lighting support with integrated LED module, driver and optics; - input shield - anchor device ZST-80

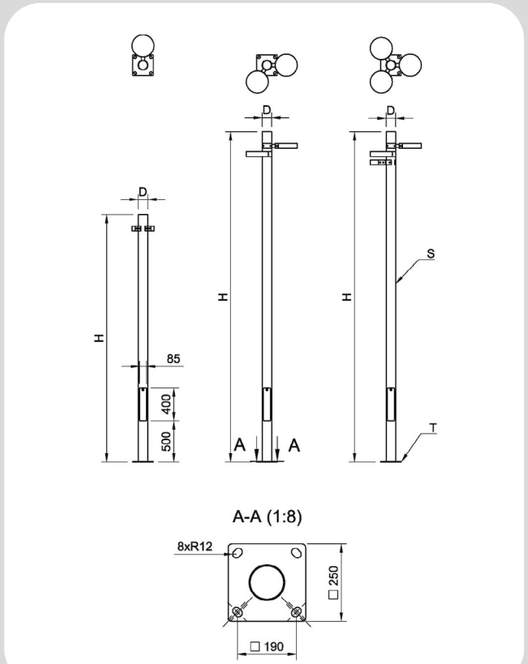
LED PARK LIGHTING
STOLB ECLIPSE



Height, m — 3 4 5

Power, W — 30 40 50 2x40 2x50 3x40 3x50

Color temperature, K — 3000 4000



Download 3D model

TECHNICAL CARD

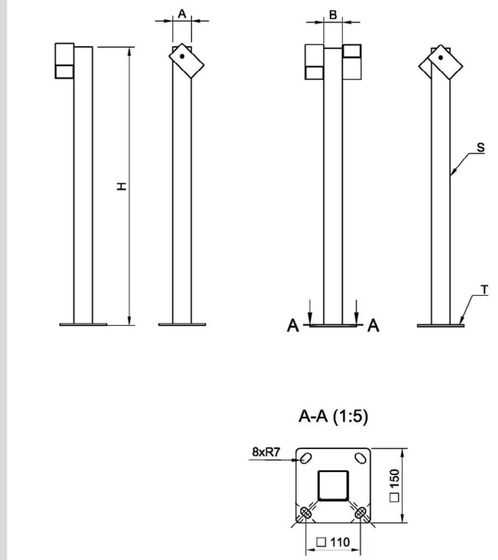
Height	3000/4000/5000 mm
Profile, D	Ø114 mm
Profile wall thickness, S	3 mm
Thickness of the mounting plate, T	10 mm
Interbot distance for mounting on anchor device	190x190 mm, M20
LED module power consumption	30/40/2x40/2x50/3x40/3x50 W
CRI and color temperature	>80 for 2700K / >80 for 4000K
Luminaire output flux	3900 - 6500 Lm
Optics	Asymmetric, symmetrical
Nominal voltage	220 - 240 V; 50-60 Hz
Power factor	≥0.9
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	25 - 55 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Corrosion protection	Zinc-containing primer, gas-thermal spraying of zinc to a height of 0.25 m from the support flange in accordance with EN 40-5:2002
Color	Powder painting, any other color according to the RAL palette - to order without changing the price
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historical centers
Warranty period	1 year
Country of origin	Ukraine
Delivery package	- lighting support with lamps (depending on the modification) - input shield - anchor device ZST-80

LED PARK LIGHTING BOLLARD
STOLB PARK OFFSET

Height, m 0,6 0,9

Power, W 12 18 2x12 2x18

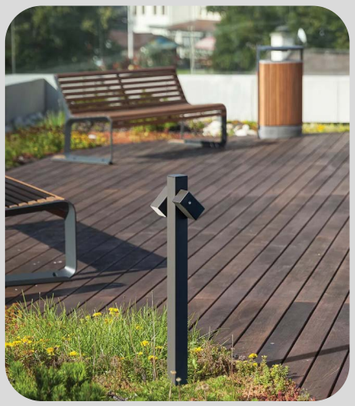
Color temperature, K

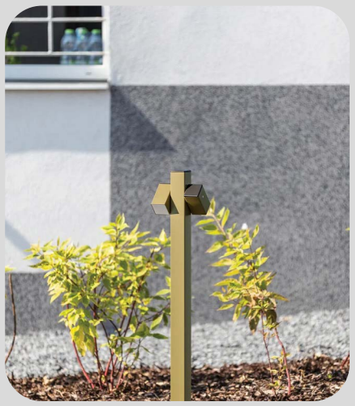


Download 3D model

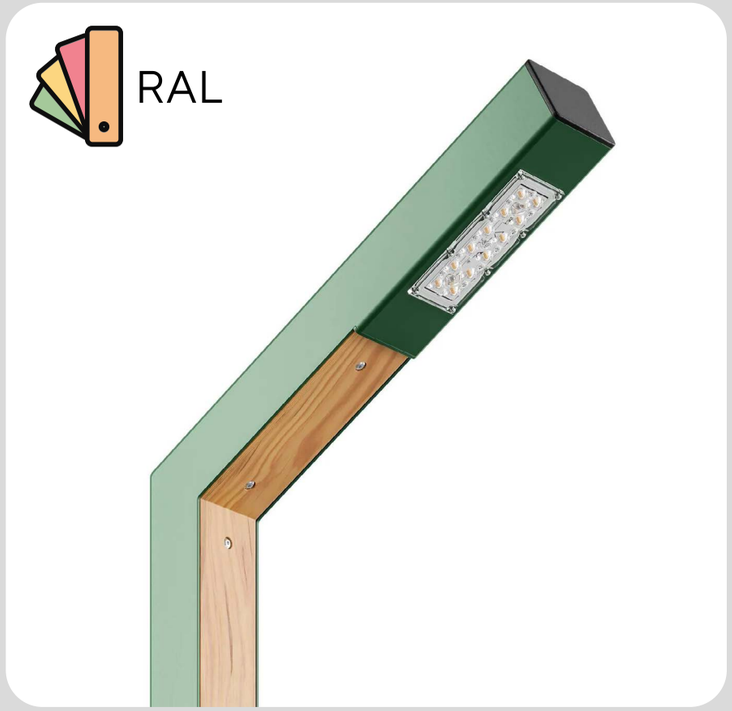
TECHNICAL CARD

Height	600/900 mm
Profile, AxB	60x60 mm
Profile wall thickness	2 mm
The thickness of the mounting plate	3 mm
LED module power consumption	12/18/2x12/2x18 W
Number of LEDs	1/2
CRI and color temperature	>80 for 3000K / >80 for4000K
Luminaire output flux	1700 -2700 Lm
Residual luminous flux 100,000 h	80%
Optics	Symmetric
Nominal voltage	220 - 240 V; 50-60 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	5-7 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, color «Living coral» (any other color according to the RAL palette - on request without changing the price)
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historical centers
Warranty period	1 year
Country of origin	Ukraine





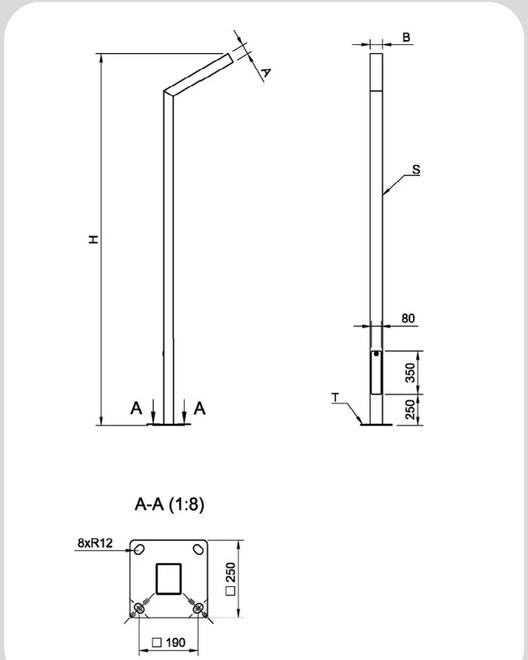
ПАРКОВИЙ LED СВІТИЛЬНИК ІЗ ДЕРЕВА STOLB WOOD VERGE



Height, m — 3 | 3,5 | 4 | 4,5 | 5 | 5,5 | 6

Power, W — 30 | 40 | 50 | 60

Color temperature, K — 3000 | 4000



Download 3D model

TECHNICAL CARD

Height, H	3000/3500/4000/4500/5000/5500/6000 mm
Profile, AxB	100x80 mm
Wall thickness, S	3 mm
The thickness of the mounting plate, T	10 mm
LED module power consumption	30/40/50/60 W
Number of LEDs	12
CRI and color temperature	>80 for 3000K / >80 for 4000K
Luminaire output flux	4100-8100 Lm
Residual luminous flux 100,000 h	80%
Optics	T2, T3, T4, DWC
Nominal voltage	220 - 240 V; 50 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	32-64 kg
Housing and finish	
Housing	Wood, steel
Optic	PMMA
Color	Paint and varnish coating of wooden parts; Powder coating of metal elements
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, parks, squares, alleys, private areas
Warranty period	1 year
Country of origin	Ukraine

LED PARK LIGHTING BOLLARD STOLB PARK TRACE

TECHNICAL CARD

Height	650/950 mm
Profile, AxB	80x80 mm
Profile wall thickness	2 mm
The thickness of the mounting plate	6 mm
LED module power consumption	12/18 W
Number of LEDs	6
CRI and color temperature	>80 for 3000K / >80 for4000K
Luminaire output flux	1700 -2700 Lm
Residual luminous flux 100,000 h	80%
Optics	Asymmetric
Nominal voltage	220 - 240 V; 50-60 Hz
Power factor	≥0.95
Surge protection	10 kV (optional)
Ingress protecrion	
Optical module	IP65
Drivers	IP65
Electrical Class	Class I EU
Weight	11-18 kg
Housing and finish	
Housing	Steel
Optic	PMMA
Color	Powder coating, color «Living coral» (any other color according to the RAL palette - on request without changing the price)
Operating temperature range	-35 ° C ... +55 ° C
Application	Pedestrian areas, bicycle paths, parks, squares, alleys, private areas, playgrounds, historical centers
Warranty period	1 year
Country of origin	Ukraine

STOLB
STREET LIGHT

STREET AND PARK LIGHTING

www.stolb.com.ua
Ukraine, Kyiv,
St. Velika Kiltseva 4B,
+38 (068) 475 97 03
info@stolb.com.ua