



Luminaires for Public Lighting

Czech manufacturer of lighting fixtures
With more than a century of tradition

since 1906



PUBLIC LIGHTING LUMINAIRES WITH HIGH OPERATING COST SAVINGS

ELEKTROSVIT LED public lighting is designed to provide safe, energy-efficient and long-term effective illumination of streets, roads, parks and other public areas.

The combination of modern LED technology, optimized optics and robust construction ensures high luminous efficacy and reliable operation throughout the entire service life.

Thanks to a wide range of light distributions, customization options and low operating costs, these luminaires represent an attractive solution for cities, municipalities, industrial sites and private properties where high-quality and energy-efficient outdoor lighting is required.



Wide range of optics

Precisely targeted light distribution for streets, sidewalks, crossings and open areas.



Energy savings

Modern LED technology significantly reduces energy consumption and operating costs.



Long service life

High-quality components and sophisticated thermal management minimize maintenance requirements.



Reliable operation

Stable performance and resistance to weather conditions and demanding outdoor environments.

SIGNIFICANT ENERGY SAVINGS AND FAST RETURN ON INVESTMENT

Modern LED technology significantly reduces energy consumption and operating costs of public lighting. Compared to traditional light sources, savings can reach up to 50–70%, immediately reducing the financial burden on municipal budgets. Optimized optics ensure precise light distribution, minimizing losses and increasing overall system efficiency.

Long service life, minimal maintenance requirements and stable operation further improve project economics. Thanks to the combination of low energy consumption and reduced servicing, investments in public lighting modernization typically pay back within 3–5 years, making it one of the most effective long-term cost-saving solutions.



MOONLIGHT LED

- 15W - 150W, 2150lm - 18900lm
- -30°C ÷ +25°C
- IP65, IK08
- More than 10 different optics
- On request: 0/1-10V; DALI; AmpDIM; autonomous program
- Correlated colour temperature: 3000K, 4000K, 5000K
- Lifetime: >50,000 h
- Mounting: bracket or pole with \varnothing 60 mm



ELECTRA SERIES

- 7,2W - 171,1W, 1180lm - 26880lm
- -40°C ÷ +50°C
- IP66, IK09
- ENEC & ENEC+ @ $t_a = 35^\circ\text{C}$; DARK SKY
- Power supply disconnection of the driver compartment when opened
- Mechanism preventing accidental closing during installation
- 3000 h salt spray test, two-layer coating (primer + paint)
- Teflon membrane – pressure equalization inside the luminaire
- Efficacy up to 179 lm/W
- 6 optics
- On request: astronomical clock, CLO, 1-10V, DALI, mains voltage dimming, NEMA socket, ZHAGA socket, luminous flux adjustment via transmitted waves
- Correlated colour temperature: 2700K – 5700K
- Lifetime: >100,000 h, $L_{90}B_{10}$
- Mounting: bracket, pole, straight pole



ES DEA PARK

- 7,2W - 90,6W; 1530lm - 13422lm
- -40°C ÷ +55°C
- IP66, IK08
- 12 different optics
- On request: 1-10V, DALI, CLO, NEMA socket, ZHAGA socket, dimming, Virtual Midnight System, luminous flux adjustment via transmitted waves, radio frequency
- Correlated colour temperature: 3000K, 4000K
- Lifetime: >100,000 h, $L_{90}B_{10}$
- Mounting: pole-mounted



ES GARDEN H

- 10W - 60W; 1500lm - 9000lm
- -40°C ÷ +30°C
- IP66, IK10
- On request: 1-10V, DALI
- Correlated colour temperature: 3000K, 4000K, 5000K
- Lifetime: >50,000 h
- Mounting: pole \varnothing 60-76 mm





ELEKTROSVIT Svatobořice, a.s. is a traditional Czech manufacturer of lighting fixtures with a history dating back to 1906. The company produces outdoor, industrial, interior and special luminaires, including explosion-proof (Ex) luminaires for demanding environments. Its portfolio also includes lighting poles, brackets, light sources and custom-made solutions.

The company is certified according to ISO 9001:2016, complies with ČSN EN and ATEX standards, and its products are certified for export to the Customs Union countries (EAC). ELEKTROSVIT operates primarily on the Czech and Slovak markets and exports to Europe and the Middle East.

ELEKTROSVIT presents its products at trade fairs and professional seminars and provides free lighting consultancy and design services.

More at www.elektrosvit.cz

ELEKTROSVIT Svatobořice, a. s.

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Svatobořice-Mistřín

The company is registered in the Commercial Register of the Regional Court in Brno, Section B, File 1102

Company ID: 49437313

VAT ID: CZ49437313