



## ASELight

LED STREET LIGHTS



The intelligently controlled LED street lights with "light on demand" technology reduce energy requirements by up to 90%.

**asetronics**   
Milestones in lighting technology

## ASELight, THE LED STREET LIGHTS OF THE FUTURE

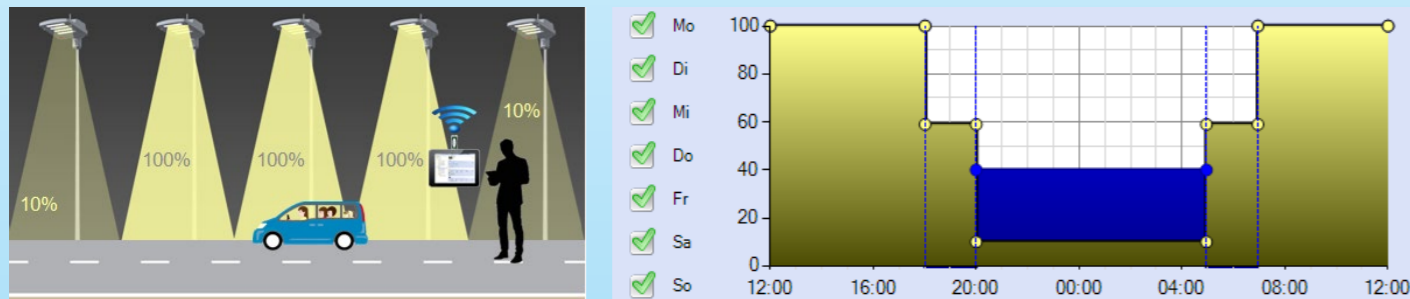
With the **ASELight** lights, customers and operators obtain universal LED street lights which meet all the requirements of modern, efficient and low-maintenance lighting for both urban and rural areas. Irrespective of the road layout, flexible installation variants enable solutions for uniform street lighting by means of surface-mounted, pole-mounted or catenary-hung lighting units.

The intelligent control system with "light on demand" technology is achieved by means of a wireless network via the antenna built into the lighting unit. Thanks to the integrated motion sensor the light can be controlled on an event-driven basis, resulting in energy savings of up to 90% compared to inefficient old installations and up to 40% compared to conventional LED lighting with night-time reduction.

Their high energy efficiency, modular design, optimised thermal management and serviceability make the **ASELight** lights a long-lasting investment with low life cycle costs.

### MILESTONES IN LIGHTING TECHNOLOGY

Light only when it is really needed – and only then!  
Light on demand function with **ASELight** lights!



Configuration, control, analysis and monitoring on the spot or from the office using web-based software with a graphical user interface.

By means of wireless networking and integral movement sensors, the "light on demand technology" can be adjusted without problems at any time.

#### ADVANTAGES OF ASELight LIGHTS

- » High light quality and extraordinarily high energy efficiency (lm/W) both for individual lights and also lighting combination systems (light on demand technology)
- » Smooth external housing without cooling ribs to collect dirt, for optimum and efficient thermal management
- » Simple and reliable installation
- » Pre-fitted connection cable
- » The lowest possible maintenance cost, thanks to the customer-friendly and efficient service concept
- » Adjustable movement sensor for detection of individual objects
- » Soft start function (inrush current limitation)
- » Development, production and service in Switzerland
- » 7-year warranty

Swiss made

## PRODUCT OVERVIEW

### ASELight Street 120

Pole-mounted and surface-mounted lighting unit



*Applications: Main roads, motorways, car parks, roundabouts*

Light on demand technology (WiFi, GPS and motion sensor)  
Die-cast aluminium housing, powder-coated (RAL 9006)  
Pole connection for spigot size 76 mm, 60 mm, 46 mm and 42 mm  
4 individual LED modules (56 LED bulbs)  
Light colour 4,000 K  
Net luminous flux 14,512 lm  
Light yield 122.5 lm/W  
Mounting height 7 - 14 m  
Protection type IP67  
System power 118.5 W (typ.)  
LED durability (L95B10) >100,000 h  
Dimming capability 0 – 100%  
Integral adjustable movement sensor  
Overvoltage protection > 10kV  
Inrush current limitation  
Warranty for the overall lighting unit 7 years

### ASELight Street 60

Pole-mounted and surface-mounted lighting unit



*Applications: Side streets, footpaths, cycle paths, residential area lighting*

Light on demand technology (WiFi, GPS and motion sensor)  
Die-cast aluminium housing, powder-coated (RAL 9006)  
Pole connection for spigot size 76 mm, 60 mm, 46 mm and 42 mm  
2 individual LED modules (28 LED bulbs)  
Light colour 4,000 K  
Net luminous flux 7,200 lm  
Light yield 120.2 lm/W  
Mounting height 3 - 7 m  
Protection type IP67  
System power 59.9 W (typ.)  
LED durability (L95B10) >100,000 h  
Dimming capability 0 – 100%  
Integral adjustable movement sensor  
Overvoltage protection > 10kV  
Inrush current limitation  
Warranty for the overall lighting unit 7 years

### ASELight Cable 120

Catenary-hung lighting unit



*Applications: Main roads, motorways, car parks, roundabouts*

Light on demand technology (WiFi and motion sensor)  
Die-cast aluminium housing, powder-coated (RAL 9006)  
4 individual LED modules (56 LED bulbs)  
Light colour 4,000 K  
Net luminous flux 14,327 lm  
Light yield 116.2 lm/W  
Mounting height 7 - 14 m  
Protection type IP67  
System power 123.3 W (typ.)  
LED durability (L95B10) >100,000 h  
Dimming capability 0 – 100%  
Integral adjustable movement sensor  
Overvoltage protection > 10kV  
Inrush current limitation  
Warranty for the overall lighting unit 7 years



We have accepted the challenge.  
Welcome to the **ASELight** era.

**asetronics** 

Advanced Swiss Electronics

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