

LED STREET LIGHTING

- Efficient
- Cost-effective
- Ecological
- Modern

AR-STREET-100
AR-STREET-120
AR-STREET-140
AR-STREET-150
AR-STREET-195



Features:

- Up to 80% energy saving compared to other lighting technologies
- Compliance with EN 60598-2-3
- Life time - 60 000 operating hours
- Optimized thermal management for lowest LED degradation
- Quick and easy installation
- Excellent longitudinal uniformity of light intensity
- Full light output immediately available
- Significant decrease in light pollution – dark sky friendly
- High grade materials: aluminum and tempered glass
- Good color rendering
- No UV or IR radiation
- Eco friendly - no mercury
- 0 - 100% dimming
- Choice of colors and white color temperatures
- Compact light source for maximum design flexibility
- 0-10 V control
- Advanced solution with AR-STREET NET* or AR-STREET SMART*



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LED AND HPS STREETLIGHTS COMPARISON



LED Street Lighting

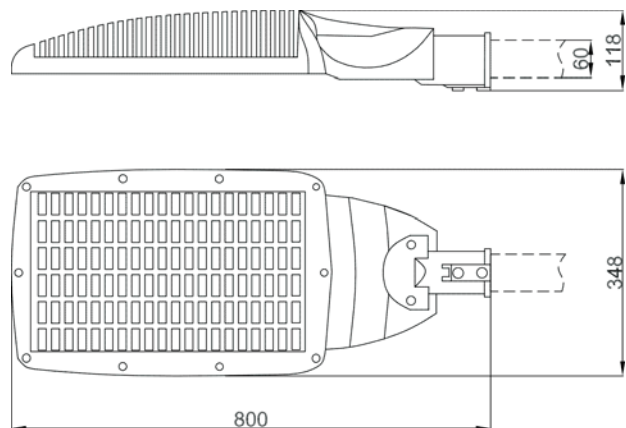


High Pressure Sodium Street Lighting

	LED streetlight specifications	High Pressure Sodium streetlight specifications
On / Off switching influence to longevity	No influence	Decreases operation time
Efficiency, Lm/W	122	60-110
Hazardous Materials	None	Contains mercury
Luminous flux during operation time	Minor variable	Highly variable
Color temperature stability	Constant	Varies
Switching-on time	Instant	180-300 s
Colour Rendering Index (CRI)	75	24
1 Streetlight power, W	120	250
Average Lamp life, h	60000	15000

TECHNICAL SPECIFICATIONS

Power input, W	100 / 120 / 140 / 150 / 195
Operational voltage, V AC	230 V, 50Hz ±10%
Efficiency, Lm/W	120
LED (3W) Quantity	20 / 40 / 60 / 80
LED type	High Power Cree
Beam angle, °	60x130
Color temperature, °K	3000/4500/6000
Operating lifespan, h	60000
Ingress protection	IP 66 (according to EN60598-2-3)
Class	I (according to EN60598-2-3)
Operating temperature, °C	-40 – +50
Dimensions (LxWxH), mm	800x348x118
Weight, kg	15,5
Warranty, months	36
Options	AR-STREET NET* AR-STREET SMART*



* **AR-STREET NET** 2.4 GHz intelligent monitoring and control of each individual streetlight in a long luminaire chain is a key to attain an efficient energy usage. The self diagnostics for maintenance and monitoring brings a better management, efficient use of service labour cost.

* **AR-STREET SMART** module allow to set each streetlight stand alone intelligent dimming schedule. Module has automatic streetlight burn time interval forecast and synchronization for long luminaire chain. It lets you reduce energy costs by 60 percent or more. 0-10 V control.