

Arquiled presents the urban luminaire **Sextans** - ideal for residential areas - squares, pedestrian or bike paths, blending in a natural way due to its characteristic lamp design shape and providing comfort and safety.

Highlighted by a stylish but discrete look, **Sextans** luminaire fits perfectly either in a classic or contemporary urban set up.

Due to a careful selection of materials, this urban luminaire assures an outstanding performance with a high protection degree during a long-life span.

## DESIGN

The **Sextans** luminaire combines a timeless design with LED technology efficiency, making a perfect match between the environment where operates and the role it plays.

The available clear diffuser version is softer to the eyes due to high photometric efficiency and provides a significant reduction in the energy bill at the same time.

## RELIABILITY

The **Sextans** luminaire is an outdoor light with a high resistance towards impact and vandalism by integrating an IP66 sealing level and an IK08 shock resistance level.

With a single, high impact, polycarbonate diffuser with anti-UV treatment - resistant to the sea air and corrosion - this unique luminaire was built to keep an outstanding long-life span.

## APPLICATION

- Residential areas
- Squares, public parks and gardens
- Pedestrian and bike paths
- Parking lots

## BENEFITS

- Perfect for classical and contemporary ambience
- Pre-cabled for easy installation
- Low energy consumption
- Easy maintenance
- Robustness
- Long-life span





# SEXTANS

up to  
**122 lm/W**  
light efficiency

up to  
**80%**  
energy efficiency

## ELECTRONIC BLOCK

Independent module  
High performance driver  
Integrated thermal protection



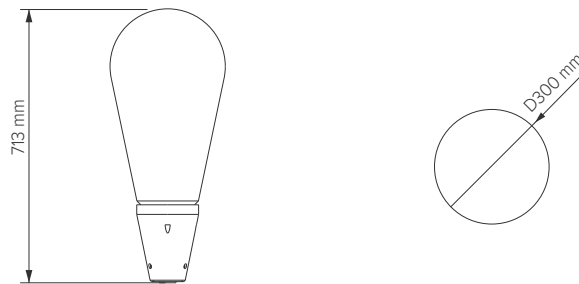
IP66

IK08

T<sub>a</sub>  
40°C

CLASS  
II

## DIMENSIONS



## PRODUCT MODELS

<b>Product Models</b>	SEXTANS 10   20   30
<b>Power Consumption<sup>(1)</sup></b>	7 - 29 W (depending on configuration)
<b>Luminous Flux<sup>(1)</sup></b>	857 - 2,980 lm
<b>Luminous Efficiency</b>	Up to 122 lm/W

## SPECIFICATIONS

<b>Housing</b>	Polycarbonate (base)
<b>Housing diffuser</b>	Clear polycarbonate
<b>Product color</b>	RAL 7016*
<b>Correlated Color Temperature (CCT)</b>	3000K / 4000K
<b>Lumen maintenance at 100,000h</b>	> 95% <sup>(2)</sup>
<b>Chromatic Restitution Index (CRI)</b>	≥ 70
<b>Ingress protection (IEC – EN 60598)</b>	IP66
<b>Mechanical impacts protection (IEC – EN 62262)</b>	IK08
<b>Nominal voltage</b>	230V / 50-60Hz*
<b>Surge overvoltage protection (EN 61000-4-5)</b>	4kV / 10kV
<b>Electrical class</b>	Class II
<b>Mounting</b>	Vertical
<b>Inside mounting diameter</b>	Ø 60 mm

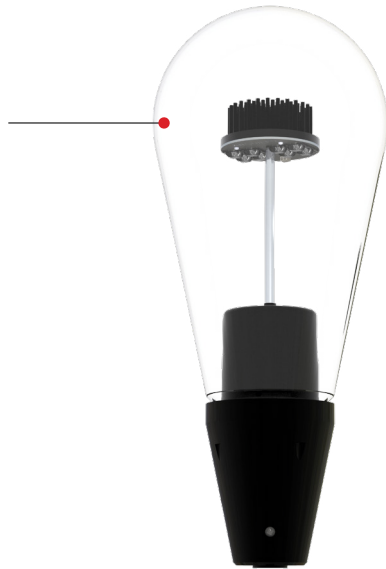
<sup>(1)</sup> The initial flux and power consumption of the luminaire are indicative values and valid for @t<sub>j</sub>=25°C. The real flux output of the luminaire depends on specific conditions, such as temperature and may vary with specific configurations. The values are subject to tolerances in technology.

<sup>(2)</sup> In accordance with IES LM-80 - TM-21.

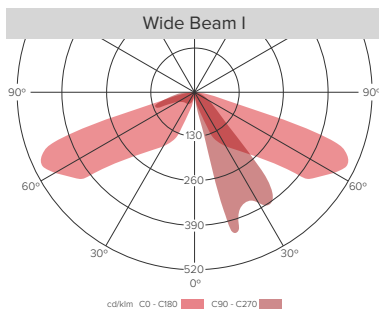
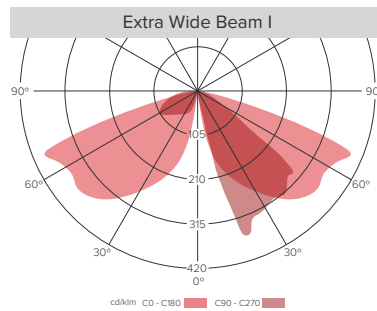
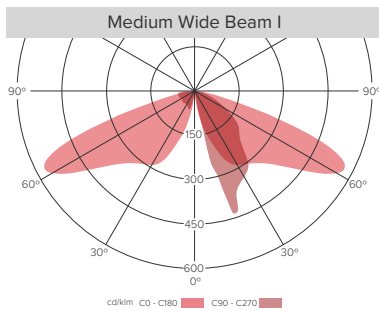
\* Other options available on request.

# SEXTANS

**DIFFUSER**  
Clear polycarbonate



## OPTICAL DATA



## IoT CONNECTIVITY SOLUTIONS

## LIGHTING CONTROL AND DIMMING

Arquiled offers a range of lighting control systems that are adaptable and scalable to the different needs of street lighting projects.

Each system is designed according to the infrastructure needs of municipalities and can include solutions integrated into the luminaires or external devices (Plug n' Play type) that can be easily attached to the luminaires.

### **ECCOS** embedded

Internal communications module to control and dimming light through a management platform.

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