

ARQUILED presents the urban luminaire **ARA**, ideal for parks, squares, pedestrian or bike paths and residential areas by giving a solid contribution to public safety and cities' efficiency.

Highlighted by a stylish and at the same time discrete look, ARA luminaire fits perfectly either in a classic or contemporary urban set up.

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

## DESIGN

With a timeless look and LED technology efficiency, the ARA luminaire match form and function in a perfect symbiosis.

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

## RELIABILITY

The ARA luminaire is made of outstanding quality materials with an optical block of IP66 high sealing level and an IK08 shock resistance level.

Featuring the high impact polycarbonate diffuser with anti-UV treatment, resistant to the sea air and corrosion, the ARA luminaire has long-life span.

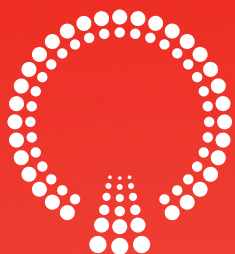
## APPLICATION

- 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





# ARA

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

up to  
**80%**  
energy efficiency

## ELECTRONIC BLOCK

Independent module  
High performance driver  
Integrated thermal protection



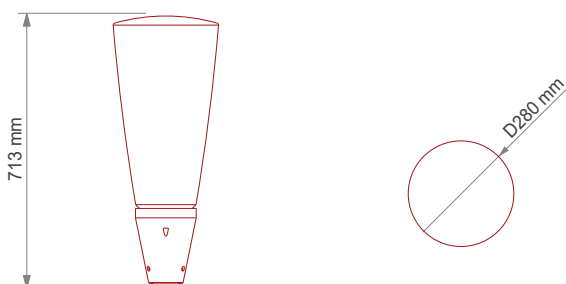
IP66

IK08

ta  
40 °C

CLASS  
II

## DIMENSIONS



## PRODUCT MODELS

Product Models	ARA 10   20   30
Power Consumption <sup>(1)</sup>	7 - 29 W (depending on configuration)
Luminous Flux <sup>(1)</sup>	857 - 2.980 lm
Luminous Efficiency	Up to 122 lm/W

## SPECIFICATIONS

Housing	Polycarbonate (base)
Housing diffuser	Clear polycarbonate
Product color	RAL 7016*
Correlated Color Temperature (CCT)	3.000 K / 4.000 K*
Lumen maintenance at 100 000h	> 95% <sup>(2)</sup>
Color Rendering Index (CRI)	≥ 70
Ingress protection (IEC – EN 60598)	IP66
Mechanical impacts protection (IEC – EN 62262)	IK08
Nominal voltage	230 V / 50 - 60 Hz*
Surge overvoltage protection (EN 61000-4-5)	4 kV / 10 kV
Electrical class	Class II
Mounting	Vertical
Inside mounting diameter	Ø 60 mm

<sup>(1)</sup> The initial flux and power consumption of the luminaire are indicative values and valid for @tj=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.

STREET LIGHTING URBAN VM

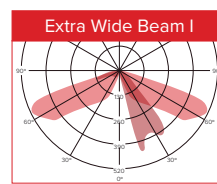
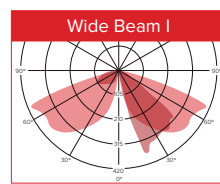
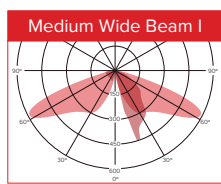


ARA

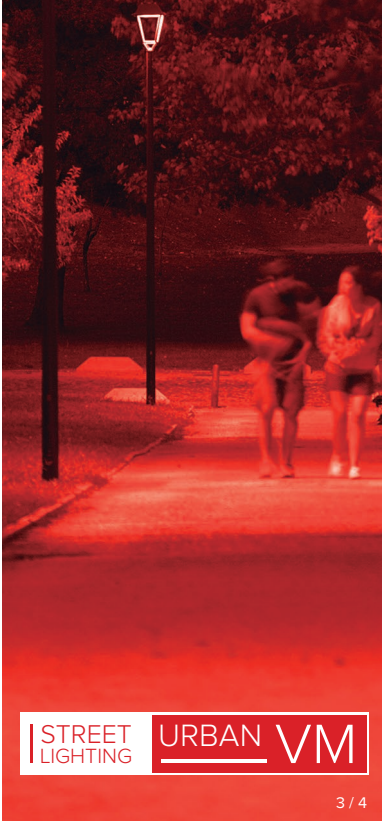
**DIFFUSER**  
Clear polycarbonate



## PHOTOMETRIC 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.

2025, ARQUILED - PROJECTOS DE ILUMINAÇÃO, SA.  
All rights reserved. All trademarks are acknowledged.  
ECCOS brand is a trademark user under licence of Bright Science Ltd.  
Specifications valid except for omission or typographical error, subject to change without notice.  
The images presented are for illustrative puposes and may differ from the final product.





ARA  
[arquiled.com](http://arquiled.com)