

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

The remarkable visual comfort along with the energy efficiency and a robust design making turns this luminaire suitable for projects starting from the beginning as well as for requalification projects.

The energy saving potential of the **ORIONT** compared to luminaires equipped with conventional light sources along with its long-life span, makes this luminaire ideal for a fast return on investment.

## ROBUSTNESS

This luminaire is made of outstanding quality materials, making it the ideal solution for lower installation height.

With a single, high impact, polycarbonate diffuser with anti-UV treatment, resistant to the sea air and corrosion, the **ORIONT** luminaire has two standard variations - a transparent version or semi-covered versions.

## PERFORMANCE

The optical set was designed to achieve excellent performance concerning the light distribution - allowing to direct the light where it's needed and reducing the light pollution.

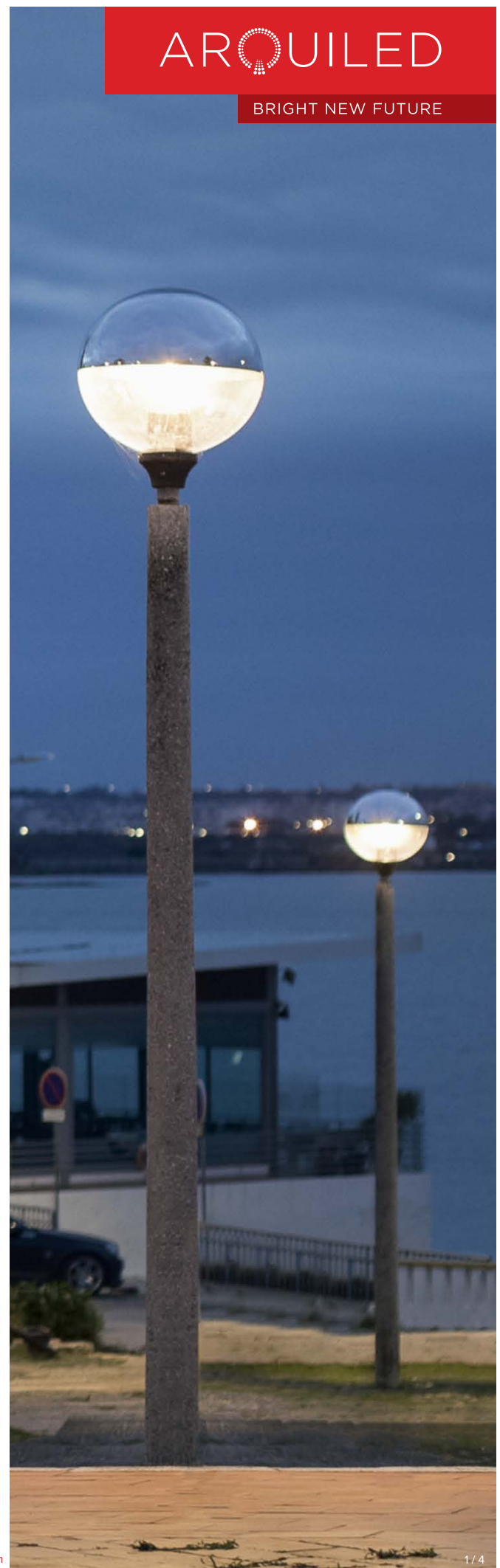
The excellent thermal dissipation combined with a high resistance and energy savings allows to maximize its performance during a long-life span.

## APPLICATION

- Residential areas and historical centres
- 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 and long-life span





# ORION

CLEAR POLYCARBONATE  
(models 10, 20, 30 and 40)

ELECTRONIC BLOCK  
Axial



CLEAR POLYCARBONATE WITH METALLIC CAP  
(models 10, 20, 30 and 40)



up to  
**132 lm/W**  
luminous efficiency

up to  
**80%**  
energy efficiency

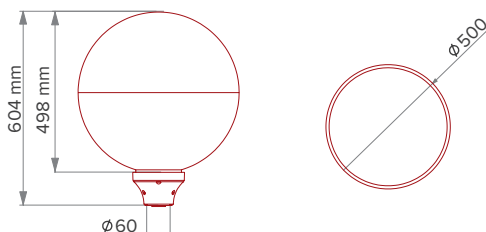
IP66

IK10

ta  
40 °C

CLASS  
II

## DIMENSIONS



## PRODUCT MODELS

|                                  |                                       |
|----------------------------------|---------------------------------------|
| Product Models                   | ORION 10   20   30   40   50   70     |
| Power Consumption <sup>(1)</sup> | 7 - 69 W (depending on configuration) |
| Luminous Flux <sup>(1)</sup>     | 855 - 8.111 lm                        |
| Luminous Efficiency              | Up to 132 lm/W                        |

## SPECIFICATIONS

|  |  |
|--|--|
| Housing  | UV-resistant polycarbonate at the base and cap   |
| Product finishing                              | Metallic cap (optional)  |
| Housing diffuser                               | Clear polycarbonate (models 10, 20, 30, 40)<br>Clear polycarbonate with cap (models 10, 20, 30, 40)<br>Opal polycarbonate (models 50, 70)<br>Opal polycarbonate with cap (models 50, 70) |
| Product color                                  | Base: 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) | IK10   |
| 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

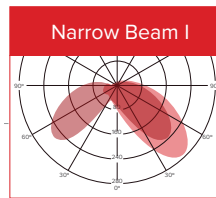
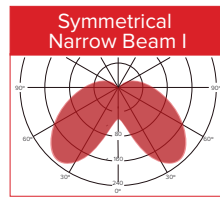
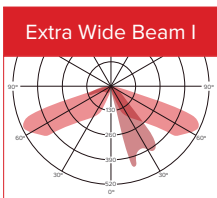
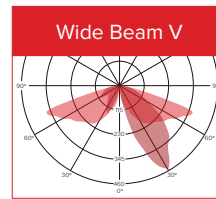
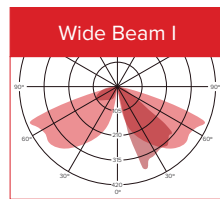
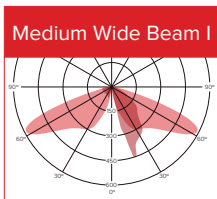
\* Other options available on request.



OPAL POLYCARBONATE WITH METALLIC CAP  
(models 50 and 70)



## PHOTOMETRIC DATA



Note: Other options available on request.

## ECCOS

### ECCOS single

Luminaire's integrated single control system that allows to define savings profiles according to predefined time intervals and luminous flux levels.

### ECCOS street

Luminaire's integrated control system that commands the luminous flux through a micro-cut system.

### ECCOS city

Integrated bidirectional management system for street lighting, in SaaS mode, based on a variety of communication technologies such as GSM/M2M and LoRaWAN®, among others, which allows the luminaires to be managed remotely via a web application.



ORIONT  
[www.arquiled.com](http://www.arquiled.com)