

STREET
LIGHTING

SCULPTOR

ROAD
HM

High efficient road and street lighting for urban, rural, pedestrian zones and parking lots.

ARQUILED introduces the ultimate road and street lighting LED luminaire – **SCULPTOR 100** and **SCULPTOR 200** - designed to provide energy efficiency in a wide range of power consumption.

This highly efficient family has a stylish design, with aerodynamic and smooth lines, without visible edges or holes, which prevents the buildup of dust and dirt, ensuring a high performance and long-life span. An achievement only possible due to the innovative technology, developed in-house by ARQUILED engineers, that allows the heat dissipation without any visible fin. And thanks to its injected aluminum body, has an extremely optimized dimension / weight ratio.

SCULPTOR 100 and SCULPTOR 200 present a wide range of photometry's and power consumption for a wide range of roads, with the purpose of obtaining a fast payback, offering significant cost savings.

ARQUILED ENGINEERING

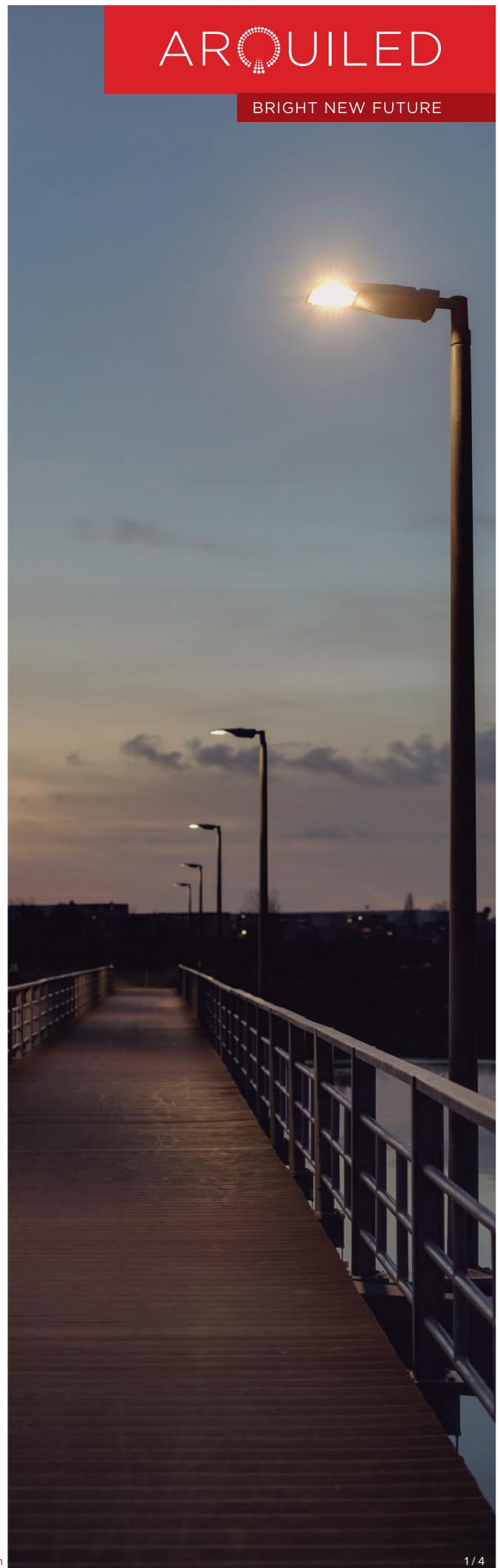
- Ultimate LED generation
- High luminous efficacy: up to 159 lm/W
- Excellent light quality: CRI \geq 70
- Several options of electric current
- Integrated photocell for luminaire control (optional)
- Different control options and a photometric wide range
- Maximum luminous efficiency throughout the entire life cycle

APPLICATION

- Rural, urban and residential areas
- Pedestrian routes and highways
- Parking lots

ARQUILED

BRIGHT NEW FUTURE



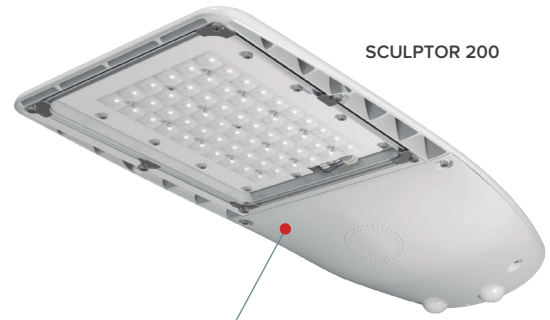
SCULPTOR

OPTICAL BLOCK

Ultimate LED generation
High efficiency luminous flux: up to 159 lm/W
Wide range of luminous flux outputs



SCULPTOR 100



SCULPTOR 200

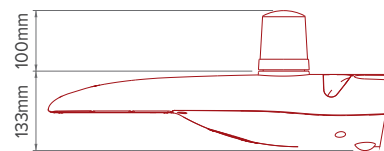
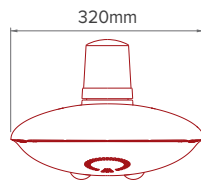
ELECTRONIC BLOCK

Independent module
High performance driver
Integrated thermal protection
Various control options

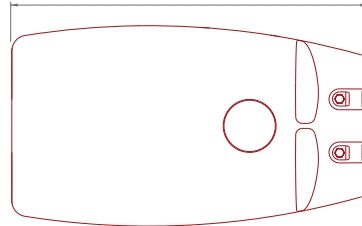
BENEFITS

- Energy efficiency around 80%
- Easy maintenance
- Road safety and crime prevention
- Brings value to spaces and revitalizes areas in the night period

DIMENSIONS



SCULPTOR 100 - 570mm / SCULPTOR 200 - 722mm



PRODUCT MODELS

Product Models	SCULPTOR 100 200
Power Consumption⁽¹⁾	5 - 160 W (depending on configuration)
Luminous Flux⁽¹⁾	678 - 22.296 lm
Luminous Efficacy	Up to 159 lm/W

SPECIFICATIONS

Housing	Die-cast aluminum
Product finishing	Polyester coating
Product color	RAL 7035*
Diffuser	Tempered glass
Correlated Color Temperature (CCT)	3.000 K / 4.000 K*
Lumen maintenance at 100 000h	> 95% ⁽²⁾
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 I
Photocell	Optional
Mounting	Horizontal (standard) Vertical (w/optional accessory)
Inside mounting diameter	ø 32 - 60 mm

⁽¹⁾ The initial flow and power consumption of the luminaire are indicative and valid values for an ambient temperature = 25°C. The real output flux of the luminaire depends on specific conditions, such as temperature, and may vary with specific configurations. The indicated values are subject to tolerances in technology, within reasonable variations, and according with the current state of the art.

⁽²⁾ In accordance with IES LM-80 - TM-21

* Other options available on request.

up to
159 lm/W
luminous efficiency

up to
80%
energy savings

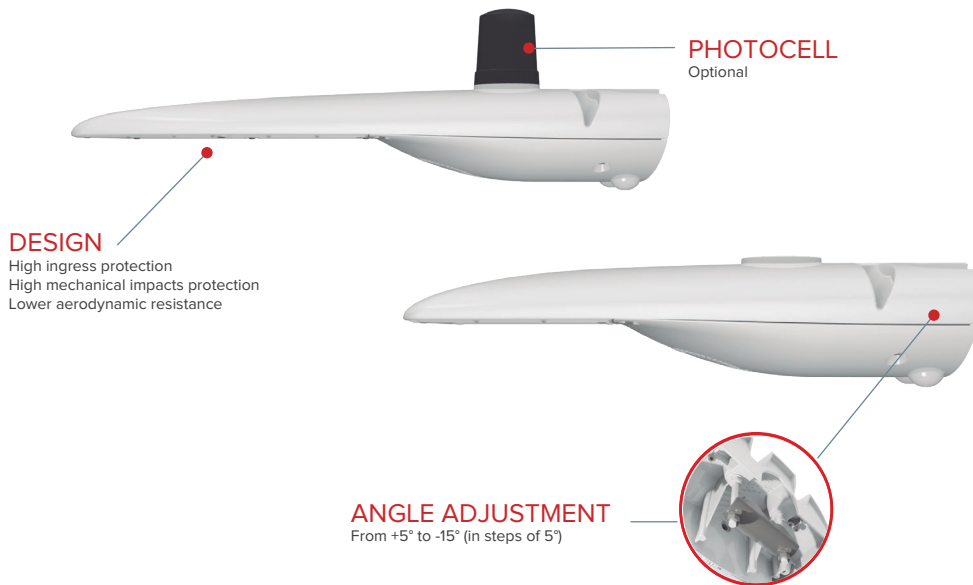
IP66

IK08

at
45 °C

CLASS
I

SCULPTOR

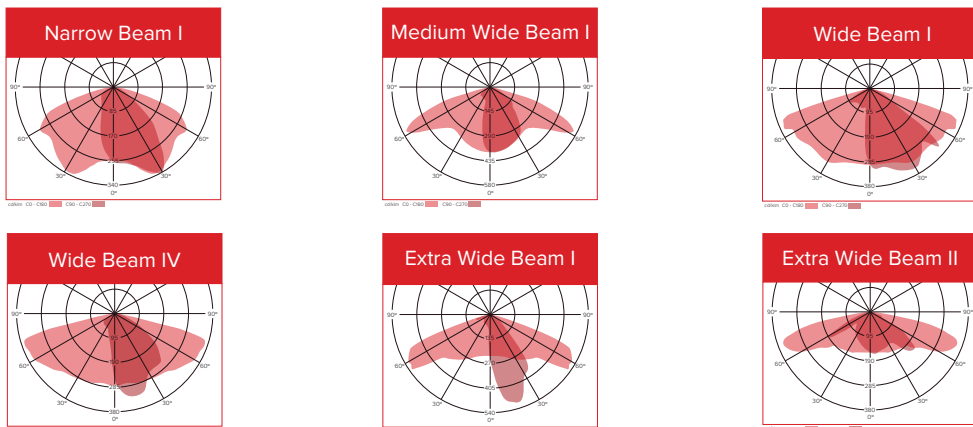


DESIGN
 High ingress protection
 High mechanical impacts protection
 Lower aerodynamic resistance

ANGLE ADJUSTMENT
 From +5° to -15° (in steps of 5°)

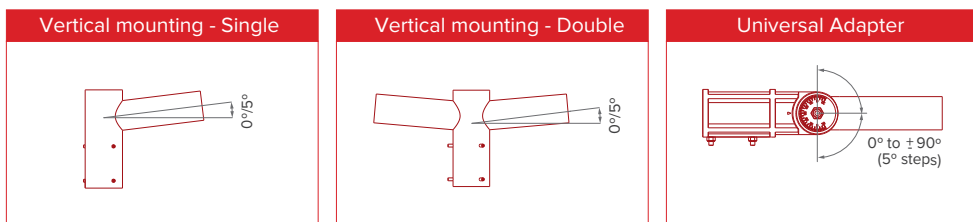


PHOTOMETRIC DATA



Note: Other options available on request.

ACCESSORIES



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.





SCULPTOR
www.arquiled.com