

Abacus®

Leaders in Lighting



EROS PARK AL20100 SERIES

Luminaire for pathways, pavements, open areas, car parks and narrow streets.

IK08

IP66



RoHS

ULOR
0%

In association with



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DOING IT BETTER

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CE

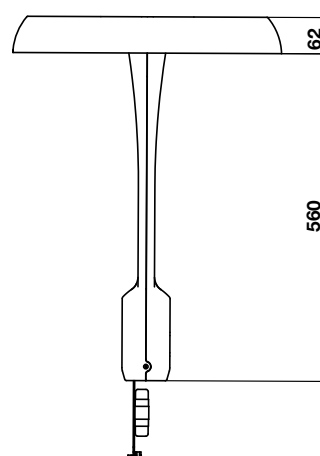
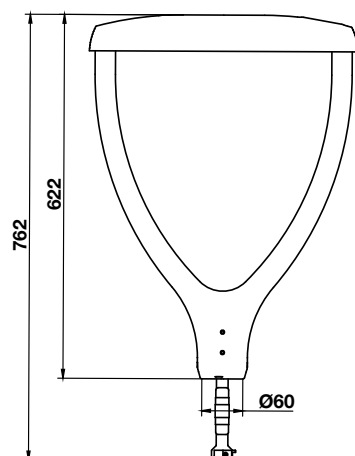
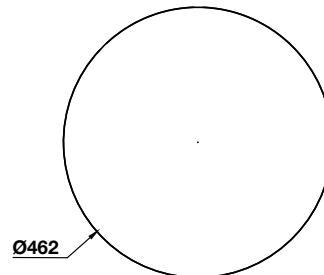
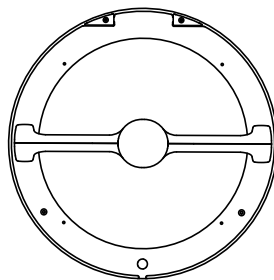
ULOR
0%

Product Overview

The EROS Park is a luminaire designed for urban lighting, suitable for parks, gardens, parking lots, and streets. It features a **durable die-cast aluminium** structure with a smooth finish and is **coated for UV, salt spray, and corrosion resistance**. With pressure compensation filter, removable gaskets, and a tempered glass protection screen. This Luminaire offers easy access for maintenance, surge protection, and various optional smart features such as digital dimming and sensor connectivity. With multiple LED configurations available, it provides flexible lighting solutions with customisable colour temperatures (4000K as standard) and high efficiency. The EROS Park adapts perfectly to the context, **ensuring efficient lighting** focused on the route, **avoiding dispersion and light pollution of green areas**.

Specifications and Dimensions

Dimensions	462 mm x 462 mm x 762 mm (60 mm pole connection)	
Power	15.1 W - 90.6 W	
Power Factor	> 0.9	
Luminous Flux	2310 lm - 14520 lm (4000K)	
Efficiency	Up to 166 lm/W	
Wind Area	Frontal: 0.075 m ₂	Lateral: 0.054 m ₂
Weight Of Lantern	12.2 kg	
Electrical Class	CL I: up to 10kV both common and differential mode.	CL II: up to 10 kV common mode, differential mode 6kV.
CCT	2200 - 5700K (3000K/4000K as standard)	
CRI	≥ 70	
IP & IK Rating	IP66 & IK08	
Operating Temperature Range	-40°C to +40°C	L90B10 >100.000 hrs
	-40°C to +55°C	L90B10 > 90.000 hrs



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Revision 1 20260514

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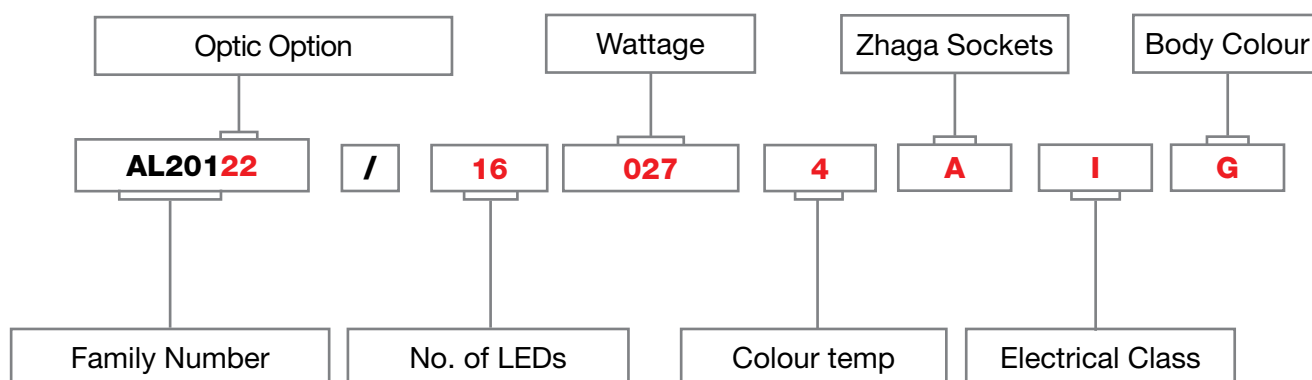
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- 1-10V Digital dimming interface - DALI digital dimming interface - NEMA SOCKET: 7 Pins - ZHAGA Luminaire certified - Automatic dimming through virtual midnight system - Astronomical clock - CLO Functionality - 0% Upward Light Output Ratio (at 3000K or lower) -

Product Selector

Family Number	Optic Options		No. of LEDs	Wattage options (W)	Colour Temp (K)	Electric Class	Zhaga Control Sockets	Colour
	Sym.	Asym.						
AL201	11, 22, 33, 44, 07, 08	01, 02, 03, 04, 05, 06	16	15, 21, 27, 32, 38	4 = 4000	1 = Class I 2 = *Class II 3 = *3000	A = Top B = *Bottom C = *Dual D = *None	G = Grey B = *Other
			24	35, 43, 50, 57				
			32	56, 67, 76, 83, 91				



*Non-standard options may be subject to MOQs or longer lead times.

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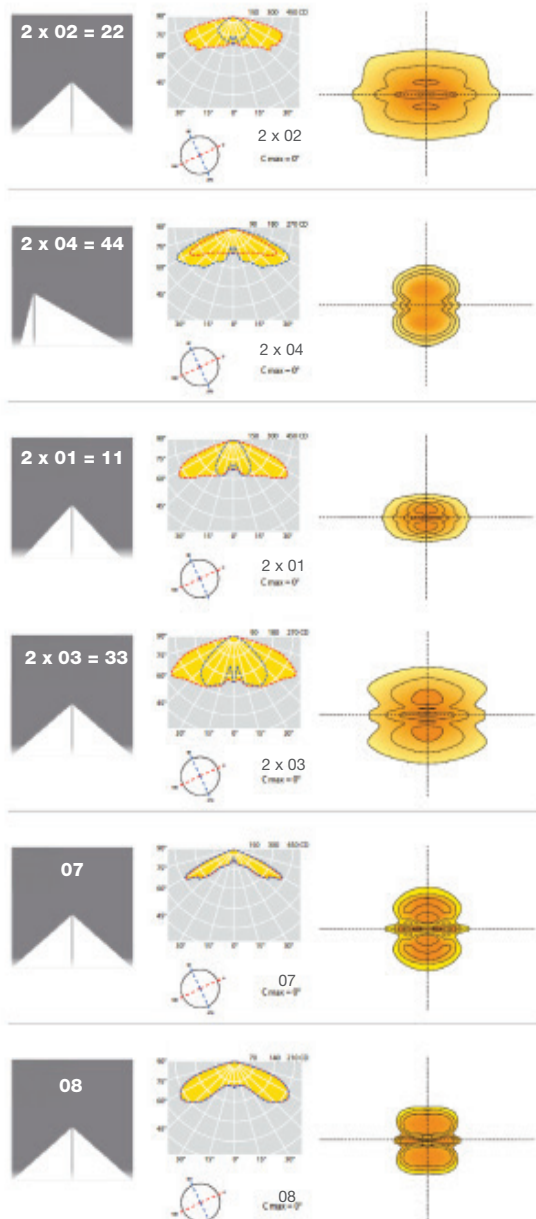
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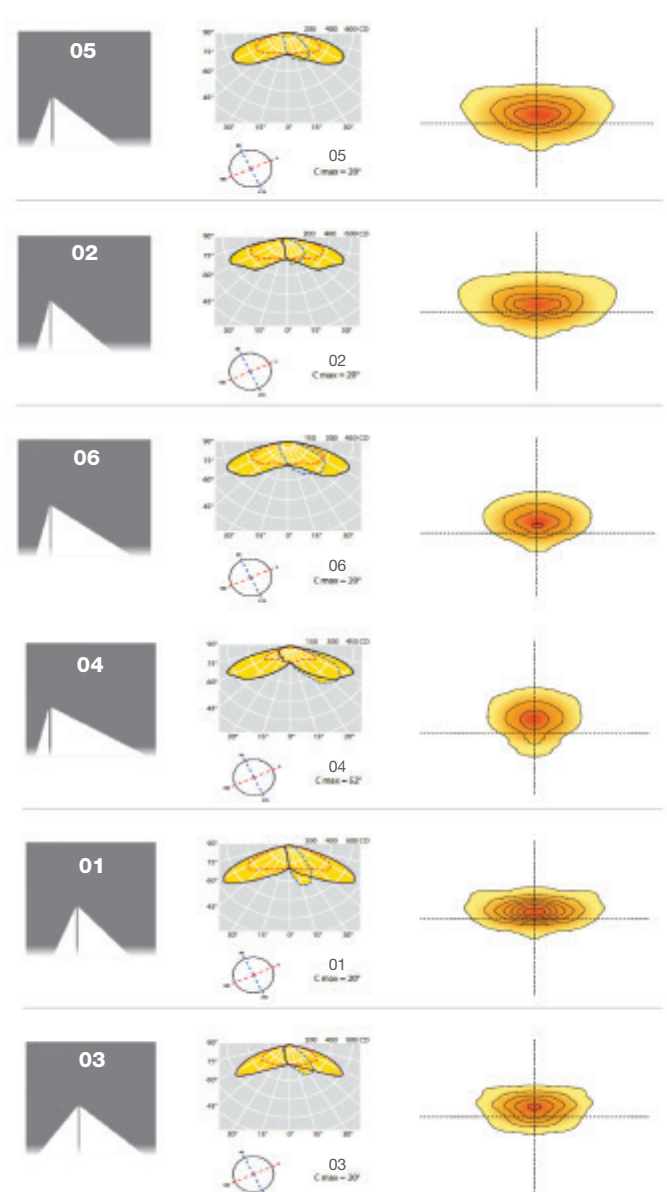
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Photometry

EROS Park Symmetric Options:



EROS Park Asymmetric Options:



- Optic **01** (One-Sided) - Street-lighting distribution for mounting-height-to-carriageway-width ratios < 1.
- Optic **02** (One-sided) - Designed for large interdistances with mounting height ≥ carriageway width.
- Optic **03** - Street-lighting distribution for height-to-carriageway-width ratios > 0.85, featuring back-flow control for installations with outreaches.
- Optic **05** (One-sided) - Optimised for wide pole spacing where carriageway width ≤ mounting height.
- Optic **06** (One-sided) - Street-lighting distribution for large areas where mounting height to track width ratio ≥ 1.
- Optic **07** (Bilateral) - Urban accent optic for controlled architectural and streetscape lighting.
- Optic **08** (Bilateral) - Rectangular distribution providing high uniformity across variable area widths.
- Optic **2 X 01** (Bilateral) - Suitable where mounting height < carriageway width/
- Optic **2 X 02** (Bilateral) - For very large interdistances with spacing-to-height ratios > 5.
- Optic **2 X 03** (Bilateral) - Balanced distribution for height-to-width ratios > 0.85.
- Optic **2 X 04** (Bilateral) & Optic **4** (One-sided) - High forward throw for deep street zones where depth > mounting height and moderate light levels are sufficient.