

Abacus[®]

Leaders in Lighting



EROS FLY AL20400 SERIES

Luminaire for centre-road and urban area application.

IK09

IP66



RoHS

ULOR
0%

In association with



LUCE
GOING IT BETTER

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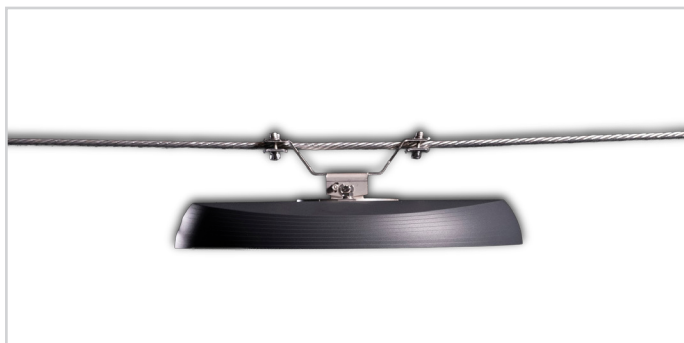


Product Overview

The EROS FLY is a suspended LED streetlight designed primarily for urban and centre-road lighting applications to improve the everyday quality life of citizens and meet the increasingly and complex urban needs. It uses a high-efficiency LED system mounted on a thermally optimised aluminium circuit board, providing reliable performance and long service life. built with a die-cast aluminium body and tempered glass protection, offering durability and resistance to weather, corrosion, and UV exposure, making it suitable for outdoor environments. Integrating architectural and aesthetic considerations with the practical needs of public administration, while promoting environmental protection through energy-efficient planning.

Dimensions	462mm x 62mm x 155mm	
Power	15W - 91W	
Power Factor	> 0.9	
Luminous Flux	2740lm - 15270lm	
Efficiency	Up to 190lm/W	
Wind Area	Frontal: 0.030m ²	Lateral: 0.031m ²
Weight Of Lantern	9.9kg	
Electrical Class	CL I: up to 10kV both common and differential mode.	CL II: up to 10kV common mode, differential mode 6kV.
CCT	2200K and 5700K (4000K/3000K as standard)	
CRI	> 70	
IP & IK Rating	IP66 & IK09	
Operating Temperature Range	-40°C to +40°C	L90B10 >100.000 hrs
	-40°C to +55°C	L90B10 > 90.000 hrs

Additional Information

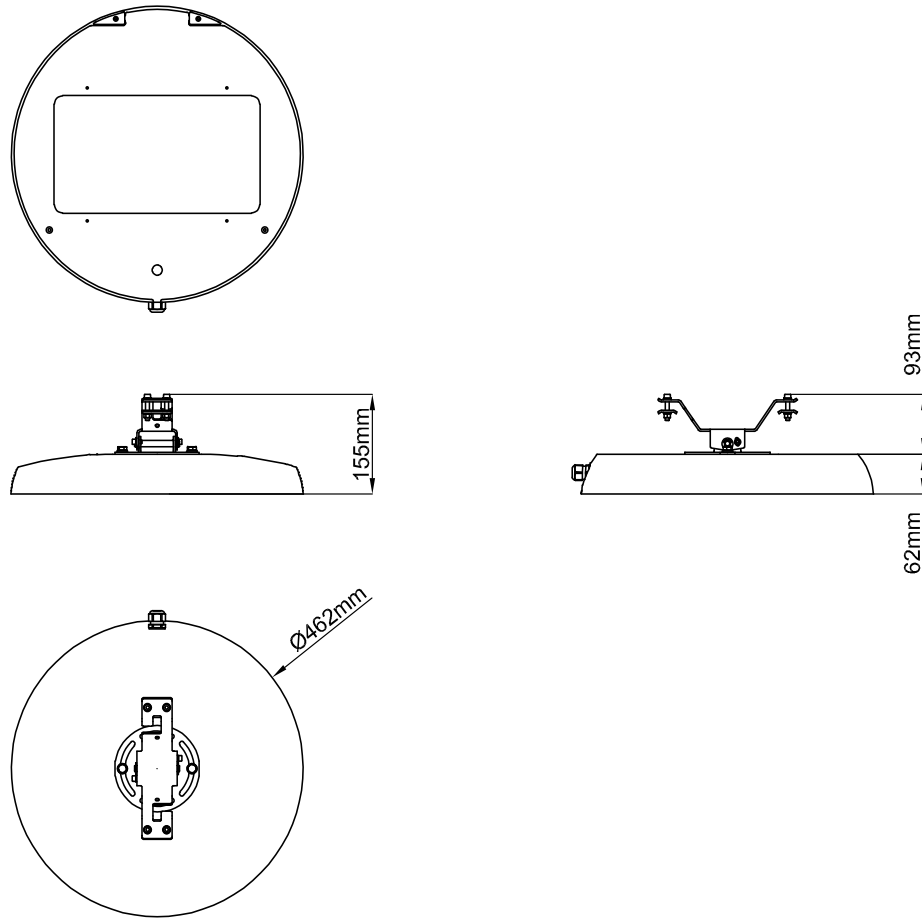


0% Upward Light Output Ratio - Automatic dimming - Astronomical clock - CLO functionality - Digital dimming interface via 1-10V protocol - Digital dimming interface via DALI protocol - NEMA SOCKET: 7 pins - ZHAGA: luminaire certified with Zhaga D4i predisposition



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Dimensions

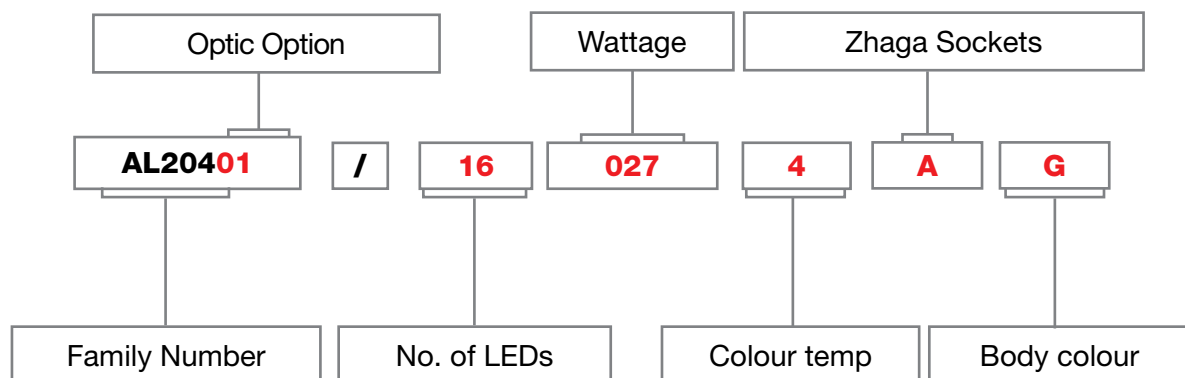


Product Selector

Family Number	Optic Options	No. of LEDs	Wattage options (W)	Colour Temp (K)	Electric Class	Zhaga Control Sockets	Colour
AL204	12, 13, 14, 15	16	15, 21, 27, 32	4 = 4000 3 = *3000	1 = Class I 2 = *Class II	A = Top B = *Bottom C = *Dual D = *None	G = Grey B = *Other
		24	28, 35, 43, 50, 56, 67				
		32	56, 67, 76, 83, 91				

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

Product Selector guide



In association with



Revision 1 20260603

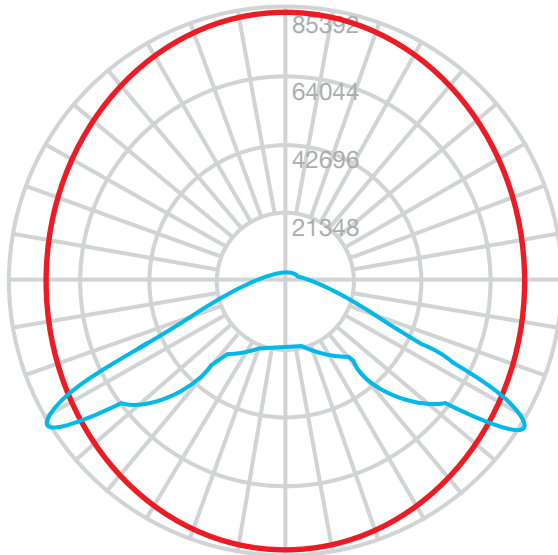
abacuslighting.com
Info@abacuslighting.com
01623 511111

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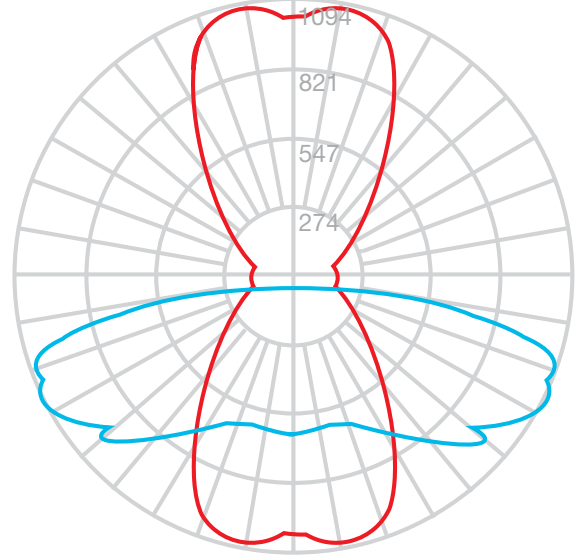
Photometry

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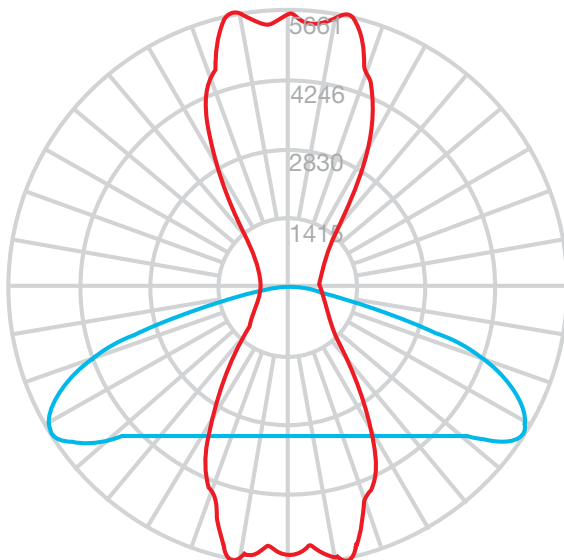
OPTIC 12



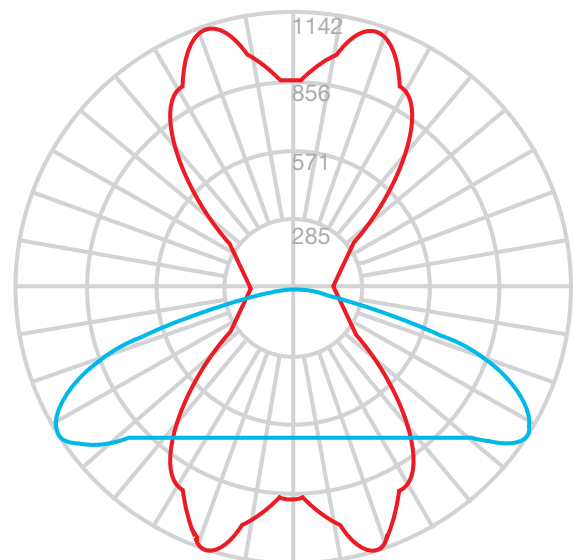
OPTIC 13



OPTIC 14



OPTIC 15



Blue Line - Vertical plane through horizontal angles (Through maximum Candela)
Red Line - Horizontal cone through vertical angle (Through maximum Candela)