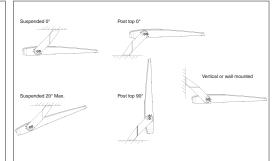








IK 09



DESCRIPTIF

Product name	KERIS 2 KERIS 3			
Housing	Housing in injected die-cast aluminium			
Bowl	Bowl made in printed thermally toughened glass			
Mechanical impact protection code	IK 09			
Ingress Protection	IP 66 in accordance with the standard EN 60 529 Pneumatic silicone gasket Cable gland with anchoring device (two per floodlight) Breathing system with activated carbon filter			
Mounting	Painted mounting bracket in option: Top mounted or suspended. Tilt angle: 0° to 90° top mounted and 0° to 20° suspended			
Dimensions	489 x 449 x 85 mm 659 x 545 x 78 mm			
Weight	11 kg	16 kg		
Windage area	0,04 m ² 0,07 m ²			
Electrical class	l or ll			

KERIS 2

DRIVER

Power	230 V / 240 V - 50 Hz / 60 Hz / pSurge protection 10Kv		
Brand	Philips Xitanium Full Prog or OSRAM 4 DIM		
Power factor	90% minimum		
Total harmonic distortion 15% max			
Current	Dimmable current up to 1000 mA		
Lifetime	10% failure at 100 000 hours		
Control	DALI or 1-10V		

SMARTLIGHTING (OPTIONS)

Smart-ready® Pre-configuration, to connect communicating systems with Ready drivers, to a base in compliance with ZHAGA Bool		
Standalone solutions	Dimming calculator from 2 to 5 slots (Dimming 5, POLEDRIVE or POLEDRIVE Bluetooth) Moving sensor (Motion P) Moving sensor combined with dimming calculator (Motion P) Constant Light Outpot (CLO) Adjustable driver (POLEDRIVE)	
Local Network	Luminaires group: detection through ZIGBEE 3.0 communication protocol (Motion COM) or pilot wires.	
Telemanagement	WIZARD - ECLATEC	

STANDARDS / MARKING / CERTIFICATIONS

Compliance	CE marking requirements: - Directive 2014/35/EU, Low voltage Directive - Directive 2014/130/EU Electromagnetic Compatibility - Directive 2011/65/EU Restriction of Hazardous substances (RoHS) - Directive 2009/125/EC Ecodesign requirements		
NF EN 13201	In accordance with the lighting calculations issued.		
REACH	Products conformity regulatory management of chemicals		
WEEE	(Waste Electrical and Electronic Equipment) Manufacturer involvement		

WARRANTY

Mechanical parts	According to our general sales conditions
Electrical parts	According to our general sales conditions
Painting	According to our general sales conditions

MAINTENANCI	Ε
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Maintenance	Direct access to the power supply and BLS strips after removing the bowl held by 8 screws (safety cord) Removable tray	Direct access to the power supplies after removing the lower cover held by four captive screws. Removable tray. Direct access to BLS strips after removing the bowl held by 8 screws.
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SOURCES LED

Sources	BLS Strips (48 to 144 LED)		
Colour temperature (K)	2200 K, 2400 K, 2700 K, 3000 K, 4000 K (others upon request)		
CRI	> 70 (others upon request)		
Luminaire SDCM	<4		
LED lifetime	L90 > 100 000 h		
Optics and light distribution options	2 x symetrical lenses (ECa, ECb) 7 x asymetrical lenses (ERE, ERS, ERL, LRS, LRL, LRM, ETS) 3 x floodlight lenses (PFA, PSa, PAa) 2 x crossing lenses (EPG, EPD) 2 types of backlight shield (option)		
Photobiology	RG1 (3000 K)		

MAXIMUM PERFORMANCES (see annex for all LED modules options)

	KERIS 2 - 6BLS12 (72 LED)		KERIS 3 - 12BLS12 (144 LED)			
	Flux ^(A) at 700 mA (Im)	Power ^(B) (W)	Efficiency (Im/W)	Flux ^(A) at 700 mA (Im)	Power ^(B) (W)	Efficiency (Im/W)
4000 K	23899	210	114	62476	410	152
3000 K	23175	210	110	60583	410	148
2700 K	21002	210	100	54903	410	134
2400 K	19192	210	91	50170	410	122
2200 K	18830	210	90	49224	410	120

(A) Output flux from the luminaire at commissioning (including thermal and optical yields compared to the Flux from sources) for given optics, maximal current and ambient temperature 25°C, as per IEC 62717 and IEC 62722 standards (B) Total power absorbed by the luminaire including all electrical equipment, as per IEC 62717 and IEC 62722 standards.

LED Luminaires

Modern Streetfurniture

Waste bins

Bollards Light

tree grill Bollards Classic poles cast iron Steel poles MODERN POLES CAST IRON Defence bollards Drinking water fountain POLES Modern LED Iu sic luminai Classic street furniture 1 41 rue Lafayette **Rue Antoine Durenne** 54320 Maxeville

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