



DESCRIPTION

Product name	CHENONCEAUX II	CHENONCEAUX III
Housing	Aluminium	
Bowl	3 polycarbonate bowls aluminium version : PHC : deep clear polycarbonate bowl PHS : deep structured polycarbonate bowl PHO : deep opaline polycarbonate bowl	
Finition	Polyester powder coating, any colour available Varnish on copper	
Mechanical impact protection code	IK 10	
Ingress Protection	IP 66 in accordance with the standard EN 60 529 Extruded silicone gasket - high temperature on the body and glass Breathing system with activated carbon filter	
Mounting	Suspended and post top	
Dimensions (h x diam.)	CHENONCEAUX II Post top : 740 x 390 mm CHENONCEAUX III Post top : 920 x 500 mm CHENONCEAUX II Suspended : 770 x 390 mm CHENONCEAUX III Suspended : 975 x 500 mm	
Weight	7,2 kg	15,3 kg
Windage area	0,12 m ²	0,23 m ²
Electrical class	I or II	
Ambient temperature	- 40°C to + 40°C	

MAINTENANCE

Maintenance	Opening and closing : opening of the cover by a screw. Led module maintenance : quick connectors to remove the power supply unit. Direct access to the module, removable. Holding the cover open with a prop.
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LED SOURCES

Sources	Chenonceaux II (21 LED) / Chenonceaux III (12 to 26 LED)
Colour temperature (K)	3000 K ou 4000 K (others upon request)
CRI	> 70 (others upon request)
Luminaire SDCM	<4
LED lifetime	L90 > 100 000 h
Optics and light distribution options	CHENONCEAUX 2 : ERS, ERL, ECL CHENONCEAUX 3 : ERS, ERL, ECL, LRM 2 types of backlight shield (option)
Photobiology	RG1 (3000 K)

MAXIMUM PERFORMANCES (see annex for all LED modules options)

	CHENONCEAUX II (21 LED)			CHENONCEAUX III (26 LED)		
	Flux ^(A) at 700mA (lm)	Power ^(B) (W)	Efficiency (lm/W)	Flux ^(A) at 700mA (lm)	Power ^(B) (W)	Efficiency (lm/W)
4000 K	5271	45	116	6527	56	116
3000 K	5112	45	114	6329	56	113

(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.

DRIVER

Power	230 V / 240 V - 50 Hz / 60 Hz / pSurge protection 10Kv
Brand	Philips Xitanium Full Prog or OSRAM 4 DIM - D4i option (SR and DEXAL)
Power factor	90% minimum
Total harmonic distortion	15% max
Current	Dimmable current up to 700 mA
Lifetime	10% failure at 100 000 hours
Control	DALI or 1-10V

SMARTLIGHTING (OPTIONS)

Smart-ready®	Pre-configuration, to connect communicating systems with Sensor Ready drivers, to a base in compliance with ZHAGA Book 18.
Standalone solutions	Dimming calculator from 2 to 5 slots (Dimming 5, POLEDRIIVE or POLEDRIIVE Bluetooth) Motion sensor (Motion P, MD) Motion sensor combined with dimming calculator (Motion P, MD) Constant Light Output (CLO) Adjustable driver (POLEDRIIVE)
Local Network	Luminaires group: detection through ZIGBEE 3.0 communication protocol 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
ENEC / ENEC+	ENEC certified

WARRANTY

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