



DESCRIPTION

Product name	BEAUREGARD II flat bowl	BEAUREGARD II deep clear polycarbonate bowl
Housing	Four-legged holder in injected aluminium Fitting and dome in stainless steel or copper (option)	
Bowl	6 bowls : PPC: fl at clear polycarbonate bowl* PCC: shallow clear polycarbonate bowl PCS: shallow structured polycarbonate bowl PHC: deep clear polycarbonate bowl PHS: deep structured polycarbonate bowl PHO: deep opaline polycarbonate bowl *Only for luminaire with BLS module	
Mechanical impact protection code	IK 10	
Ingress Protection	IP 65 waterproofing in accordance with the standard EN 60 529 Extruded silicone gasket Breathing system with activated carbon filter	
Mounting	Suspended and post top	
Dimensions	Ø 380 x 720 mm	
Weight	10 kg	
Windage area	0,13 m ²	0,20 m ²
Electrical class	I or II	
Ambient temperature	- 40°C to + 40°C	

MAINTENANCE

Maintenance	Opening and closing. Opening of the luminaire by 2 quarter-turn screws. Holding the luminaire cover in the open position, held by a steel cable. Module maintenance. Direct access to the LED module after opening the cover. Power supply by quick connectors. Removable module.
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LED SOURCES

Sources	SOMLED 1 (20 LED) / BLS strips (12 to 48 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 000h
Optics and light distribution options	SOMLED 1: ECL, ERS, ERL BLS Strips : 1 symmetrical lense (ECa) 4 asymmetrical lenses (ERS, ERL, LRL, LRS) 2 types of backlight shield (option)
Photobiology	RG1 (3000 K)

MAXIMUM PERFORMANCES (see annex for all LED modules options)

	BEAUREGARD II flat bowl (48 LED)			BEAUREGARD II deep clear polycarbonate bowl (48 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	10663	101	106	6527	101	110
3000 K	10340	101	102	6329	101	106
2700 K	9371	101	93	5735	101	96
2400 K	8563	101	85	5241	101	88
2200 K	8401	101	83	5142	101	86

(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.

This information may be modified, especially regarding LED ongoing evolution. Non Contractual Document.

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, depending on configuration
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. NEMA 7-pin also available
Standalone solutions	Dimming calculator from 2 to 5 slots (Dimming 5, POLEDRIVE or POLEDRIVE Bluetooth) Motion sensor (integrated Motion, Remote Motion P) Motion sensor combined with dimming calculator (integrated Motion 5, Remote Motion P) Constant Light Output (CLO) Adjustable driver (POLEDRIVE)
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

WARRANTY

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