



## DESCRIPTION

<b>Product name</b>	STELIUM X1	STELIUM X2
<b>Body</b>	Injection die-cast aluminium body	
<b>Bowl</b>	Articulated arch in injection-moulded aluminium and bowl in thermally tempered glass	
<b>Mechanical impact protection code</b>	IK 10	
<b>Waterproofing</b>	IP 66 Extruded silicone seal Cable gland Outer screws with a special corrosion protection Breathing system with activated carbon filter	
<b>Mounting</b>	TOP (60 und 76 mm) / LATERAL (42, 49, 60 mm wrapping / 60 mm penetrating) <b>Pivoting sleeves:</b> TOP 0° to 20° in 5° steps / LATERAL 0° to 20° in 5° steps	
<b>Dimensions</b>	649 x 320 x 95 mm	749 x 380 x 95 mm
<b>Weight</b>	5,8 kg	7,8 kg
<b>Windage area</b>	0,05 m <sup>2</sup>	0,06 m <sup>2</sup>
<b>Class</b>	Classe I or II	
<b>Ambient temperature</b>	- 40° to + 55°	

## MAINTENANCE

<b>Maintenance</b>	Direct access by opening the arch without tools
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## LED SOURCES

<b>Sources</b>	BLS Strips (8 to 48 LED)
<b>Colour temperature (K)</b>	2400 K, 2700 K, 3000 K, 4000 K
<b>CRI</b>	> 70 (others upon request)
<b>Luminaire SDCM</b>	< 4
<b>LED lifetime</b>	L90 > 100 000h
<b>Optics and light distribution options</b>	3 x symmetrical lenses (ECL, ECa, ECb) 7 x asymmetrical lenses (ERE, ERS, ERL, LRS, LRL, LRM, ETS) 6 x floodlight lenses (PFI, PFM, PFL, PFA, PSa, PAa) 2 x crossing lenses (EPG, EPD) 2 types of backlight shield (option)
<b>Photobiology</b>	RG1 (3000 K)

## PERFORMANCES

	STELIUM X1 - 3BLS 12 (36 LED)			STELIUM X2 - 4BLS 12 (48 LED)		
	Flux <sup>(A)</sup> at 700mA (lm)	Power <sup>(B)</sup> (W)	Efficiency (lm/W)	Flux <sup>(A)</sup> at 700mA (lm)	Power <sup>(B)</sup> (W)	Efficiency (lm/W)
4000 K	9750	75	130	13001	98	133
3000 K	9454	75	126	12607	98	129
2700 K	8568	75	114	11425	98	117
2400 K	7829	75	104	10440	98	107
2200 K	7682	75	102	10243	98	105

(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

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

## SMARTLIGHTING (OPTIONS)

<b>Smart-ready®</b>	Pre-configuration, to connect communicating systems with Sensor Ready drivers, to a base in compliance with ZHAGA Book 18. NEMA 7-pin also available
<b>Standalone solutions</b>	Dimming calculator from 2 to 5 slots (Dimming 5, POLEDRIIVE or POLEDRIIVE Bluetooth) Presence detector (Motion P) Moving sensor combined with dimming calculator (Motion P) Constant Light Output (CLO) Adjustable driver (POLEDRIIVE)
<b>Local Network</b>	Luminaires group: detection through ZIGBEE 3.0 communication protocol (Motion COM) or pilot wires.
<b>Telemangement</b>	WIZARD - ECLATEC

## STANDARDS / MARKING / CERTIFICATIONS

<b>Compliance</b>	<b>CE marking requirements:</b> - 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
<b>NF EN 13201</b>	In accordance with the lighting calculations issued.
<b>REACH</b>	Products conformity regulatory management of chemicals
<b>WEEE</b>	(Waste Electrical and Electronic Equipment) Manufacturer involvement

## WARRANTY

According to our general sales conditions

<b>Mechanical parts</b>	12 years
<b>Electrical parts</b>	5 years : 4300 hours by year
<b>Painting</b>	5 years