

SMART (options)

Smart-ready® (ZD4i)	✓
Dimming	✓
Detection	✓
Moonlight technology	✓
Tunable white	✓
WIZARD telemanagement	✓

Details of the options and performance of each luminaire can be found in the ECLATEC LED solutions overview, which can be downloaded from our website: www.eclatec.com

DESCRIPTION

Product	STELIUM S2
Housing	Injection die-cast aluminum housing
Bowl	Polycarbonate
Mechanical impact	IK 10
Ingress protection	IP 66 sealing level in accordance with EN 60 529
	Extruded silicone gasket
	Breathing system with activated carbon filter
	Cable gland
Dimensions (L x l x h)	749 x 380 x 95 mm
	Weight
	6,6 kg
Windage area	0,06 m²
Electrical class	I or II
Ambient temperature	- 40°C to + 55°C
Pre-wired	In option
Material assessment	Available in the PEP Product Environmental Profile sheets

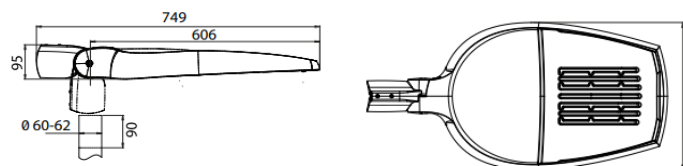
MECHANICAL INTERFACES

Top (60 and 76 mm)
Lateral (42, 49, 60 mm wrapping / 60 mm penetrating)
Pivoting sleeves:
Top: 0° to 20° in 5° steps
Lateral: 0° to -20° in 5° steps

MAINTENANCE

Maintenance	Direct access to the power supply and BLS strips after removal of the bowl. (4 trapped screws). Removable circuit board (retention line)
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HARD WIRED



LED SOURCES

Sources	Barrettes BLS (24 à 48 LED)
Colour temperature (K)	Ambre/™1800 K" (U500=1%), 2200 K (U500=6%), 2700 K (U500=10%), 3000 K (U500=11%), 4000 K (U500=17%) (others upon request)
CRI	> 70 (others upon request)
Luminaire SDCM	<4
LED lifespan	L90 > 100 000 h
Optics and light distribution options*	3 symmetrical lenses (ECL, ECa, ECb)
	7 asymmetrical lenses (ERE, ERS, ERL, LRS, LRL, LRM, ETS)
	6 floodlight lenses (PFA, PSa, Paa, PFI, PFL, PFM)
	2 crossing lenses (EPG, EPD)
Photobiology	2 types of backlight shield in option
	RG1 (3000 K)

* Non exhaustive list

MAXIMUM PERFORMANCES

	STELIUM S2 - 4BLS12 (48 LED)		
	Flux ^(A) at 700 mA (lm)	Power ^(B) (W)	Efficiency (lm/W)
4000 K	15967	98	163
3000 K	15523	98	158
2700 K	14193	98	145
2200 K	12862	98	131
Ambre/™1800 K"	10644	98	109

(A) Output flux from the luminaire at commissioning (including thermal and optical yields compared to the flux from other 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



DRIVERS		STANDARD / MARKING / CERTIFICATIONS	
Power	220 V / 240 V - 50 Hz / 60 Hz / integrated 10 kV overvoltage protection	Compliance	CE, marking requirements : Directive 2014/35/EU, Low voltage Directive Directive 2014/130/EU Electromagnetic Compatibility Directive 2011/65/EU (RoHS) Directive 2009/125/EC Ecodesign requirements French decree 'Limitation of light pollution' December 27, 2018
Brand	PHILIPS Xitanium Full Prog ou INVENTRONICS OSRAM 4 DIM - Version D4i: SR, DEXAL ou TRIDONIC PRE		
Power factor	90% minimum		
THD	15% maximum		
Current	Constant supply current adjustable up to 700mA* (in 1mA steps, within the nominal current range specified in the power supply data sheet)		
Lifespan	10% failure at 100 000 hours	Eligibility for Energy-saving certificates	C.E.E, RES-EC-103, RES-EC 104 sheets
Control	DALI or 1-10V	NF EN 13201	In accordance with the lighting calulations issued
* I>700mA on request		REACH	Products conformity regularoty management of chemicals
		WEEE	(Waste Electrical and Electronic Equipment) Manufacturer involvement
		ECOSYSTEM	ECLATEC, adhering member
		ENEC/ENEC+	ENEC certified
WARRANTY			
See our general sales conditions on our website			