



STELIUM

Luminaire design: Eclatec

STELIUM comes from a long tradition of ECLATEC luminaires devoted to road lighting.

Polyvalent, equipped with a wide choice of variants and options, **STELIUM** has all the advantages that allow it to stand amongst the recognised stars of road lighting and town approaches.

Functional in its essence, **STELIUM** is also distinguished by its balanced lines and measured volumes and consequently fits well into urban perspectives without clashing, respecting, by its general shape, the usual landmarks of the inhabitants.



BLS STRIPS



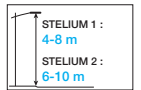
Stelium on bracket



Stelium on Para bracket



Stelium on Spéo bracket



STELIUM S1



STELIUM X2



APPLICATIONS

- Mounting: top and side entry
- Recommended heights: Stelium 1: 4 to 8 m / Stelium 2: 6 to 10 m
- Stelium 1: Pedestrian areas, cycle paths, residential areas, street lighting
Stelium 2: Roads, secondary urban and inter-urban streets

DESCRIPTION

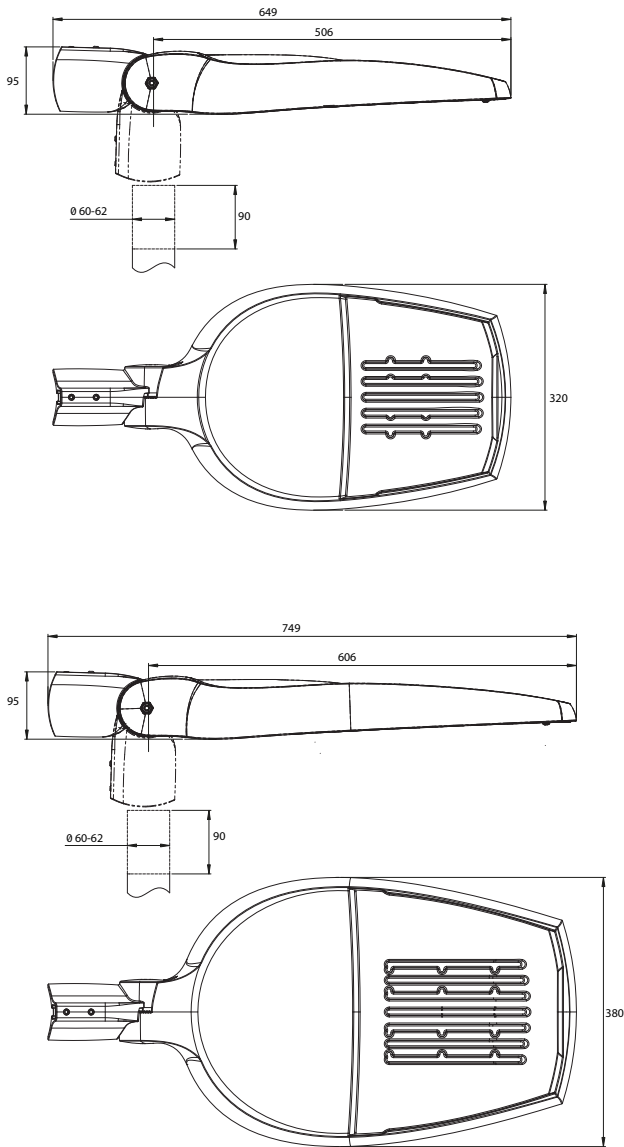
- Luminaire available in 2 sizes: Stelium 1 and Stelium 2
- Stelium available in 3 levels:
 - 1E: Unique version for standard use
 - 2EA: Fixed settings for night dimming
 - 2EB: Fixed current setting at 700mA, without options
 - 3E: Most efficient and customizable version Injected die cast aluminium
- Injection die-cast aluminium body
- Polyester powder coating, any colour available
- Version S: bi-material grey and transparent bowl in IK10 polycarbonate
- Version X: Articulated arch in injection-moulded aluminium and bowl in IK10 thermally tempered glass
- IP66
- Class I or II
- **ORALENS** mono lenses
- Colour temperatures: 4000 K and 3000 K
- Luminaire eligible for Energy Saving Certificates

CITIZEN REFERENCE POINTS

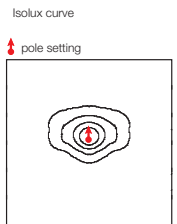
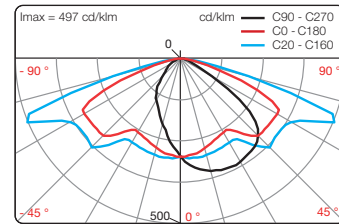
- Materials used:
 - Stelium S1: Aluminium 70%, Other 10%, Plastic 11%, Steel 9%
 - Stelium S2: Aluminium 64%, Other 15%, Plastic 13%, Steel 8%
 - Stelium X1: Aluminium 72%, Other 10%, Plastic 1%, Steel 9%, Glass 8%
 - Stelium X2: Aluminium 68%, Other 13%, Plastic 1%, Steel 8%, Glass 10%
- Complies with the RoHS directive
- ULR <math>< 1\%</math>
- High recyclability rate

WATERPROOFING

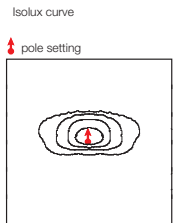
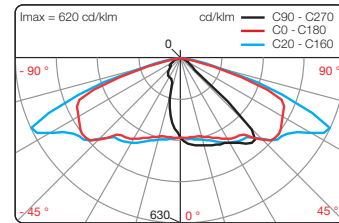
- IP66 waterproofing in accordance with the standard EN 60 529
- Extruded silicone seal
- Cable gland
- Breathing system with activated carbon filter



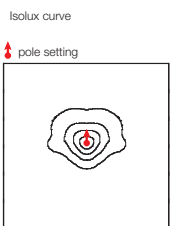
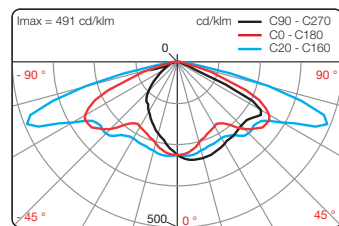
STELIUM - LRL



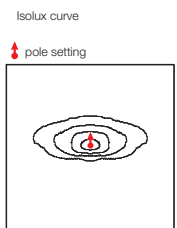
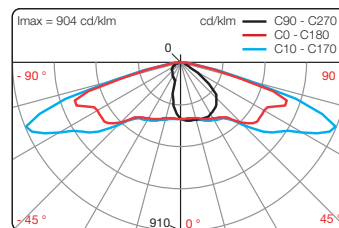
STELIUM - LRS



STELIUM - ERL

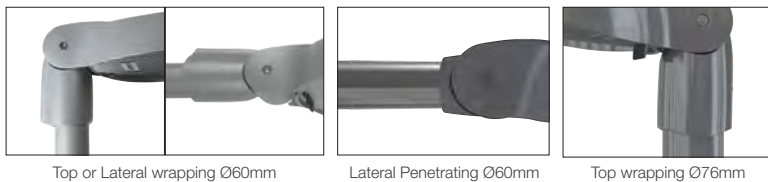


STELIUM - ERS



MECHANICAL INTERFACES

- Pivoting sleeves:
 - Top or Lateral wrapping Ø60mm, Ø 49 mm
 - Lateral Penetrating Ø60mm
 - Top wrapping Ø76mm

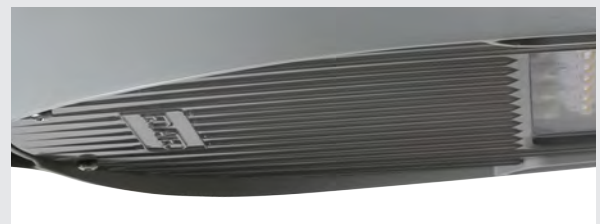


- Tilts:
 - TOP: 0° ; +5° ; +10° ; +15° ; +20°
 - LAT: 0° ; -5° ; -10° ; -15° ; -20°

MAINTENANCE

Maintenance of the equipment and sources
Stelium S1, S2

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



Maintenance of the equipment and sources
Stelium X1, X2

Opening without tools of the arch. Direct access to the power supply and BLS strips.
Quick electrical disconnection without tools. Circuit board removable onsite without tools.



KEY POINTS

		STELIUM S1/X1			STELIUM S2/X2		
		1E ★	2E ^{A/B} ★★	3E ★★★	1E ★	2E ^{A/B} ★★	3E ★★★
Applications		4 to 8 m			6 to 10 m		
Recommended heights		Pedestrian areas, cycle paths, residential areas, street lighting			Roads, secondary urban and inter-urban streets		
Mounting		Top and side entry					
Dimensions	Length	649 mm			749 mm		
	width	320 mm			380 mm		
	height	95 mm			95 mm		
Weight		S1: 4,8 kg / X1: 5,8 kg			S2: 6,6 kg / X2: 7,8 kg		
Windage area		0,05 m ²			0,06 m ²		
Sources		RAL 7035	●	●	RAL 7035	●	●
Colour (*RAL to be chosen)		BLS strips					
Sources LED	Module LED	2BLS12 3BLS12	2BLS8 2BLS12 3BLS12	1BLS8 2BLS8 2BLS12 3BLS12	2BLS12 3BLS12 4BLS12		
	Very high Efficiency LED	●	●	●	●	●	●
	High Efficiency LED	-	-	-	-	-	-
Sources access		Version S: Direct access after removal of the bowl (trapped screws) Version X: Direct access by opening the arch without tools					
Colour temperature	3000 K	-	●	●	-	●	●
	4000 K	●	●	●	●	●	●
Optics and light distribution options⁽¹⁾		ERS, ERL	ERS, ERE, ECa, LRS, LRL, LRS, ETS, PFA, EPD, EPG		ERS, ERL	ERS, ERE, ECa, ERS, LRL, LRS, PFA	
Power supply current (mA)		700	A: ANF* B: 700	100 à 700	700	A: ANF* B: 700	100 à 700
OPTIONS	POLEDRIVE (set in the bottom of the pole)	-	-	○	-	-	○
	Dimming 5 (preset)	-	-	○	-	-	○
	Motion (setting on site)	-	-	-	-	-	-
	Motion 5 (preset)	-	-	-	-	-	-
	Motion P (set in the bottom of the pole)	-	-	○	-	-	○
	Motion DALI (set in the bottom of the pole)	-	-	-	-	-	-
	DALI (preset)	-	-	○	-	-	○
	FC (preset)	-	-	○	-	-	○
Protection Driver	10 kv	-	-	●	-	-	●
	8 kv	●	●	-	●	●	-
	4 kv	-	-	-	-	-	-
Class	Class I	-	●	●	-	●	●
	Class II	●	●	●	●	●	●
Pre-wired		-	○	○	-	○	○
Mechanical interfaces	Top or lateral Ø60/62 mm	●	●	●	●	●	●
	Top wrapping Ø76 mm	-	●	●	-	●	●

* ANF: Unique program for driver, Fixed Night Dimming: 23h – 5h at 350mA and 700mA for the remaining time (1) Rearward light spill cover optional except for EPD, EPG and level 1 of the luminaires concerned

Glossary:

● Standard ○ Option - Not available

E/L/P: Lighting/Luminance/Projection, R/C/T/F/P: Road/Circulation/Path/Beam/Pedestrian walkway, E/S/L/A/D/G: Narrow/Standard/Wide/Asymmetric/Right/Left, **POLEDRIVE**: preset at the bottom of the pole / night dimming calculator with 2 configurable thresholds, set in the bottom of the pole, **Dimming 5**: night dimming calculator with 5 configurable thresholds, **Motion**: moving sensor, **Motion P**: Configurable offset presence detector at the foot of the pole, **Motion DALI**: Detector integrated to the luminaire, adjustable at pole base, **Motion 5**: Motion sensor and dimming calculator, **Motion COM**: Wireless detection and communication, **DALI**: compatible with the DALI protocol, **FC**: Compensated flux



Stelium on Delphi bracket



ECLATEC

led verlichting

banken

afvalbakken

custom made producten

houten lichtmasten

stalen lichtmasten

solar verlichting

lichtzuilen

bandstand

boomroosters

plantenbakken

fietsrekken

klassieke lichtmasten

openbare verlichting

terrein verlichting

afzetzpalen

standbeelden

kunst

bollards

fonteinen

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