





Serp is a modular backless bench system formed by six models with different radii, which can be added to others to form long zig-zag bench arrangements, with and without LED lighting. Its rounded ends permit the installation of continuity modules, with no specific requirements in terms of precision. In the *Serp Comfort* version, the modules have a recessed teak wood seat.

Concrete | Modular |  243 cm/max |  1520 kg |  4

Add-ons:  |  | LED

 Update 03.07.2023



Origin

The *Serp Comfort* modular backless bench was first used in the elevated square of the Diagonal Mar shopping mall in Barcelona, where the LED lighting was first incorporated into the standard grooves provided for that purpose.

Modular

Different aggregations to the *Serp* modular backless bench system permit the creation of straight or undulated continuous backless benches. It can also be used to retain earth and form a boundary between areas with plants and areas frequented by pedestrians.

Material

The modules, with a square cross section of 50 x 50 cm and gently rounded edges, are made from dry mix concrete with an etched and water-repellent finish, in the *Escofet* standard chart colours.

Installation

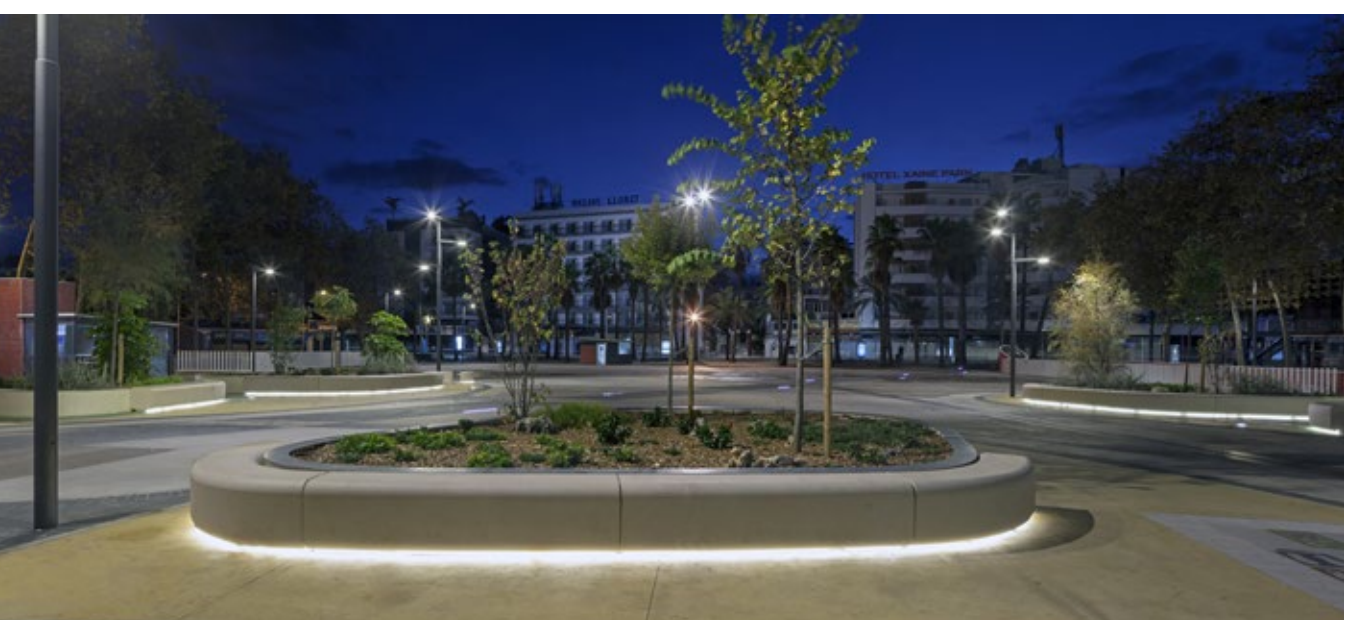
Due to its heavy weight, it rests subtly on the ground or paving, with no need for anchors. Each module has two supporting legs that permit the passage of transportation slings to lift it from the ground, thus facilitating rainwater drainage.



SERP



Escofet®



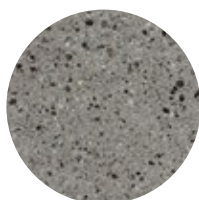
1. Modular backless benches

Serp	Serp 1 R100	Serp 2 R185	Serp 3 R1185	Serp 4 R1915	Serp 5 Recto	Serp 6 R150
Dimensions	243x92x54 cm	223x72x54 cm	253x56x54 cm	224x54x54 cm	225x50x54 cm	199x70x54 cm
Weight	1430 kg	1244 kg	1486 kg	1327 kg	1345 kg	1094 kg
Lighting	LED strip 15 W/m 3000° K / 6000° K					
Driver	24 V / 1,5A / IP67					

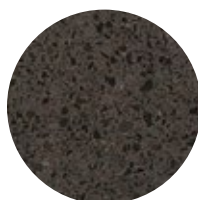
1.1 General features

Material	Reinforced concrete	Fixing	Free-standing
Finish	Etched and waterproofed		
Seat	Teak Wood		

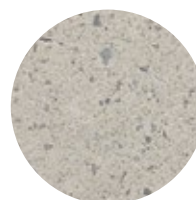
Colours



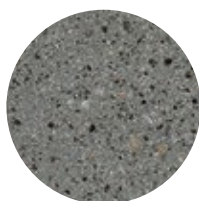
GR. Grey



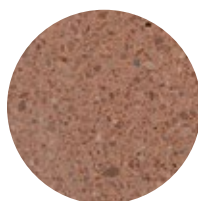
NG. Black



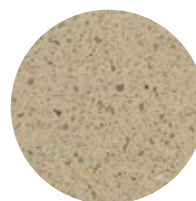
BL. White



CA. Grey CA



RA. Red



BG. Beige

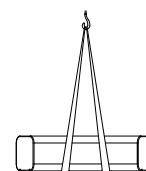
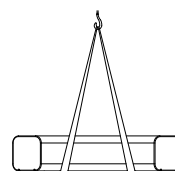
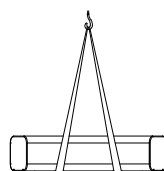
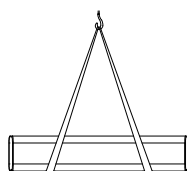
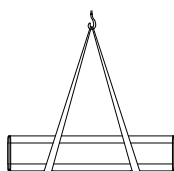
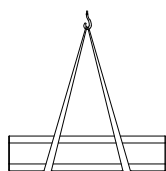


A. Teak

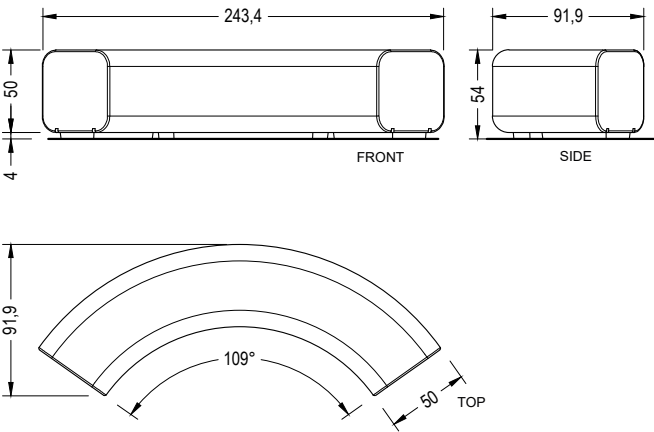
1.2 Installation system

Hoisting

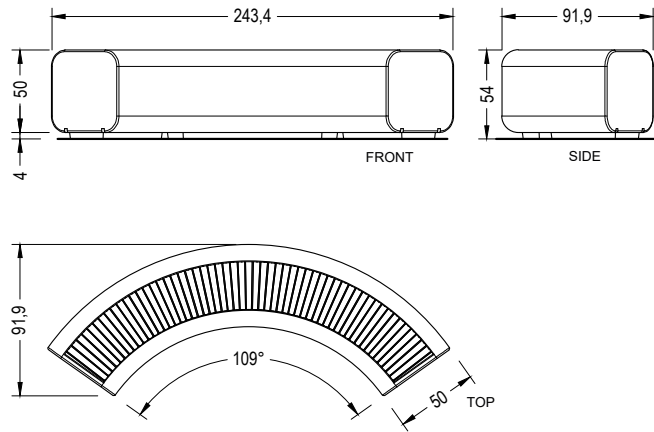
(W= 1430 kg / 1244 kg / 1486 kg / 1327 kg / 1345 kg / 1094 kg)



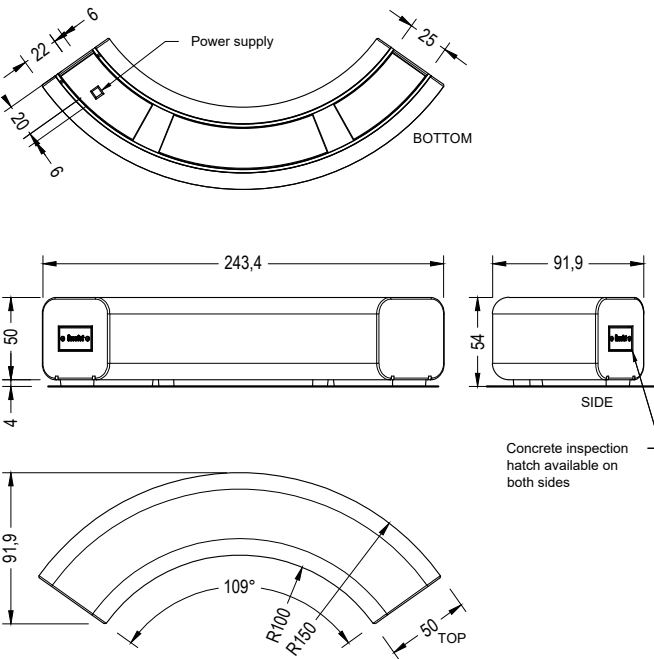
Serp R100



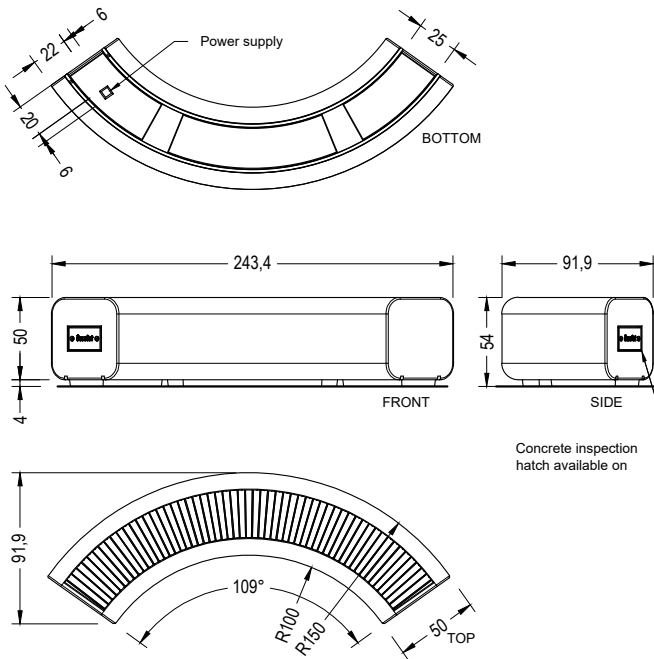
Serp Comfort R100



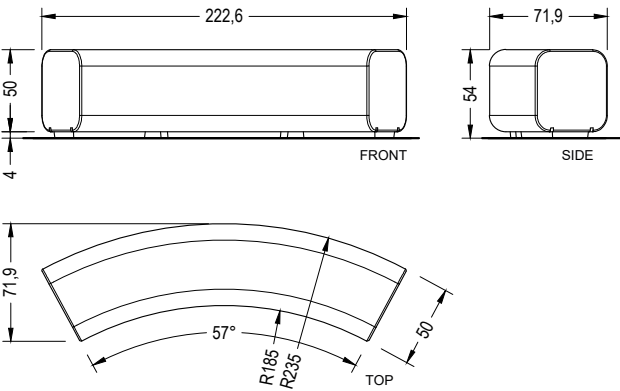
Serp R100 LED



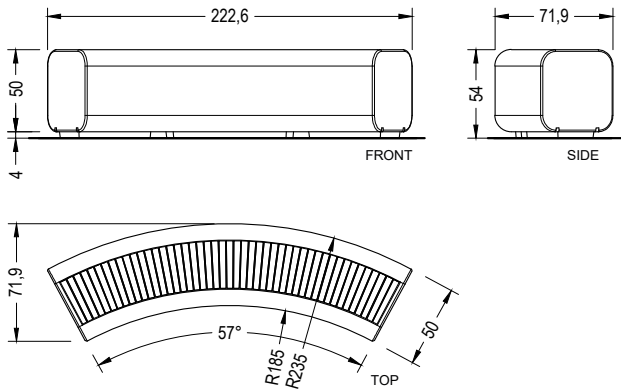
Serp Comfort R100 LED



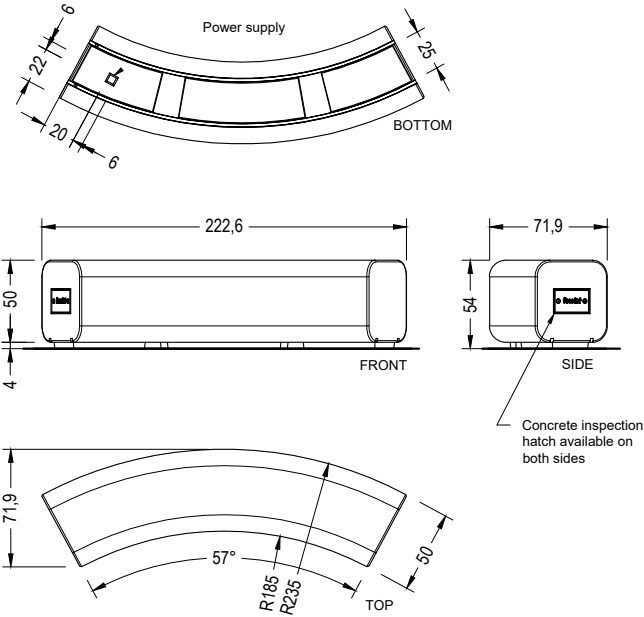
Serp R185



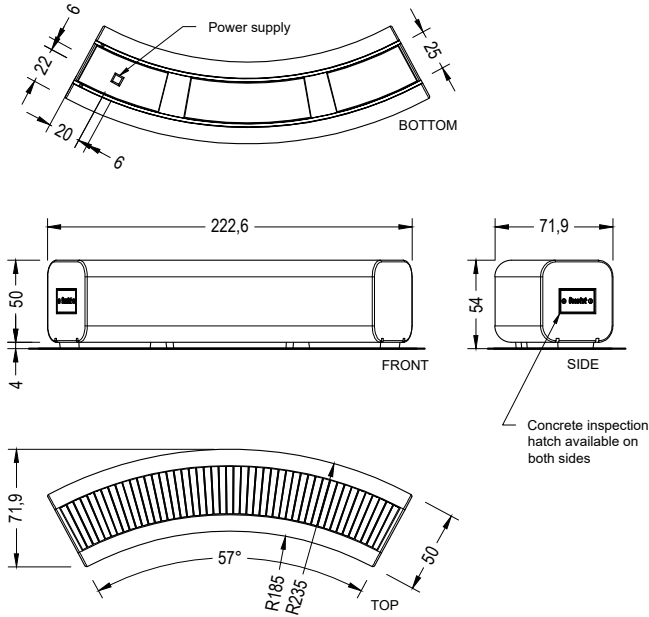
Serp Comfort R185



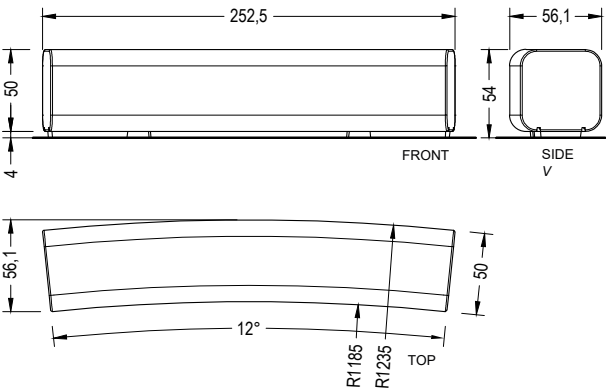
Serp R185 LED



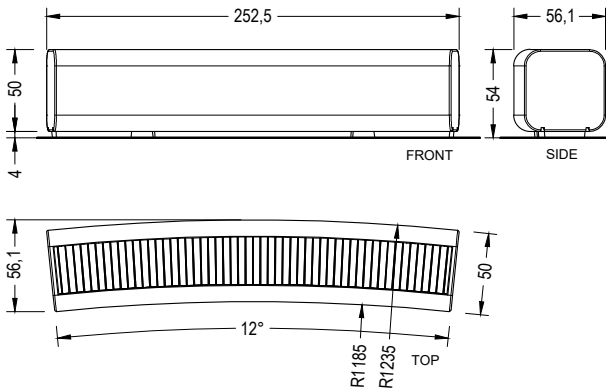
Serp Comfort R185 LED



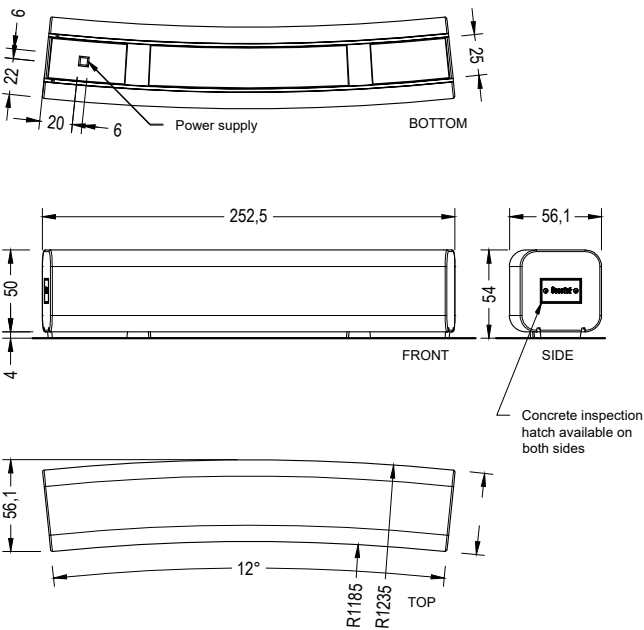
Serp R1185



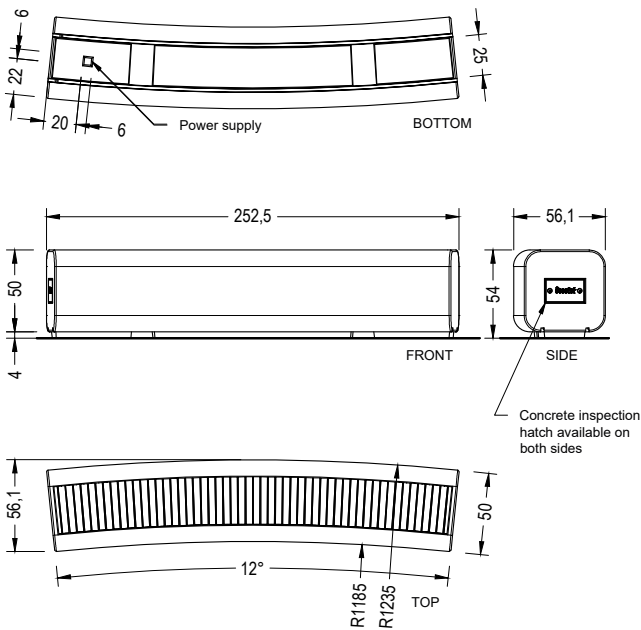
Serp Comfort R1185



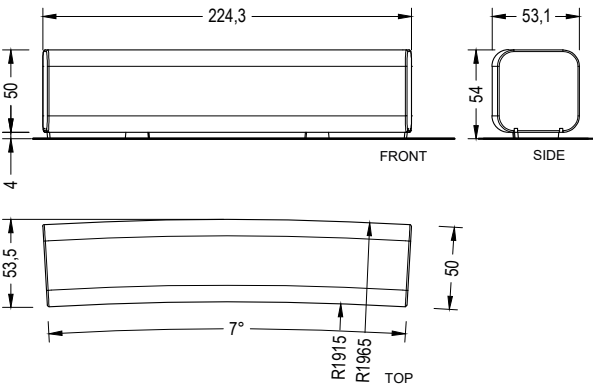
Serp R1185 LED



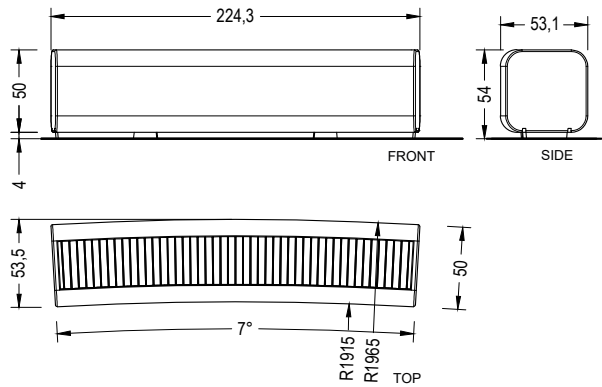
Serp Comfort R1185 LED



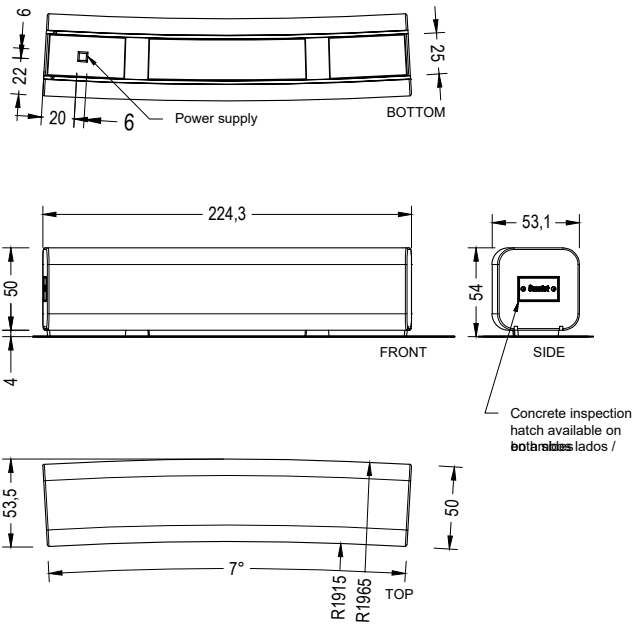
Serp R1915



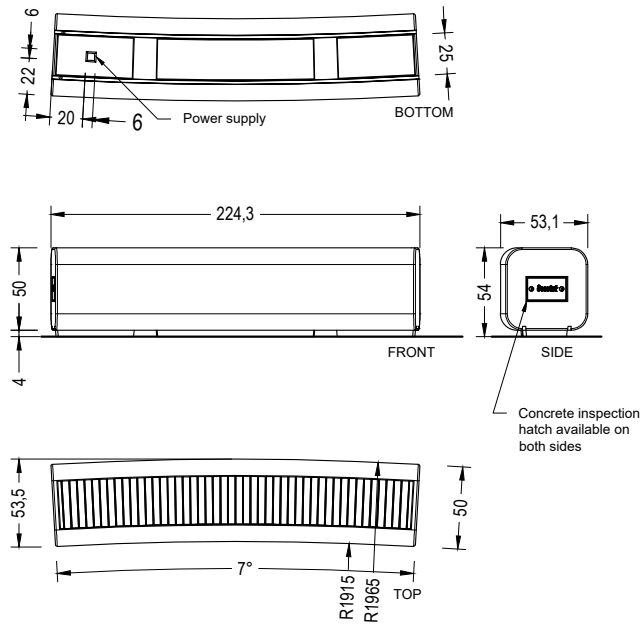
Serp Comfort R1915



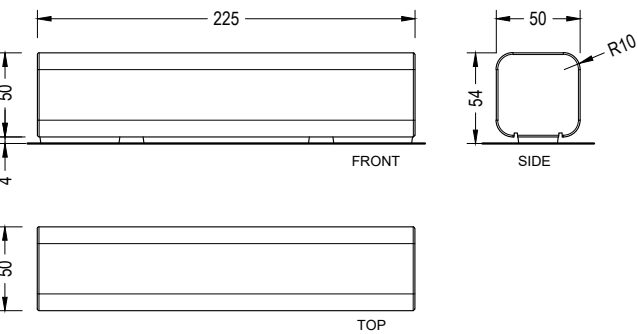
Serp R1915 LED



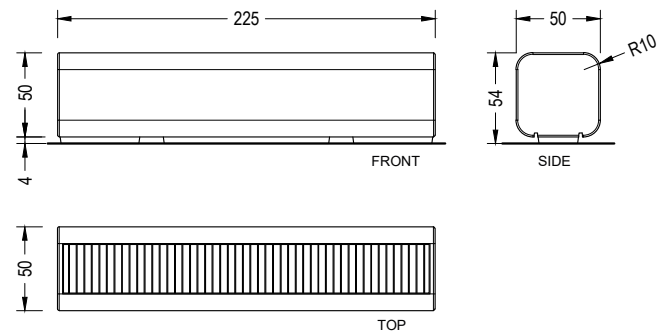
Serp Comfort R1915 LED



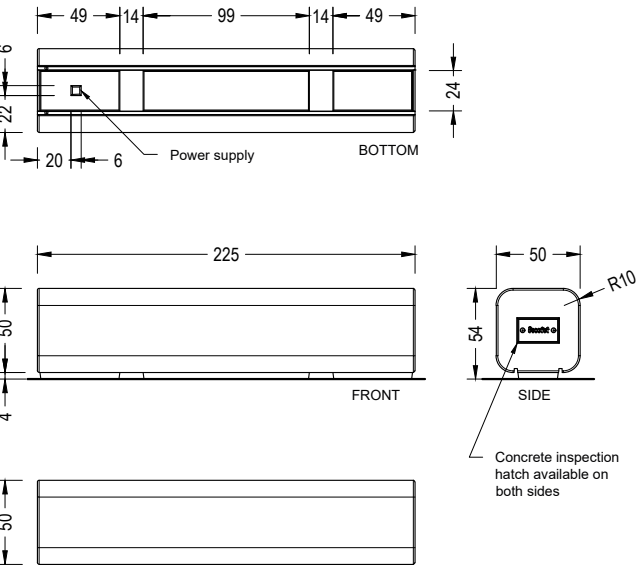
Serp Recto



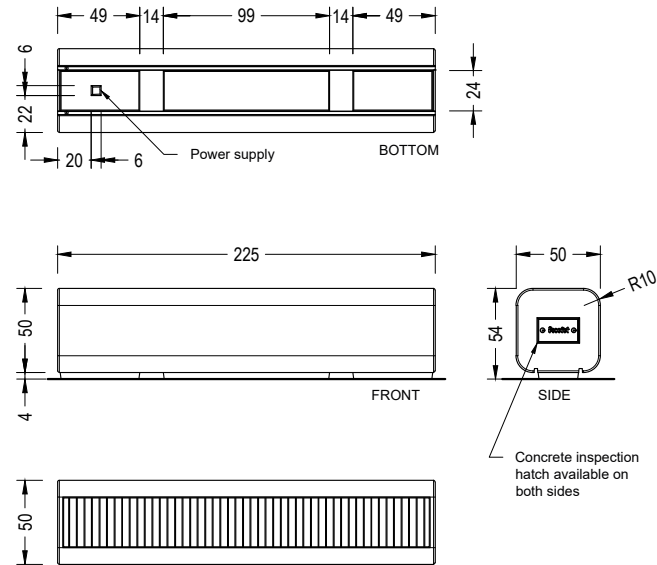
Serp Comfort Recto



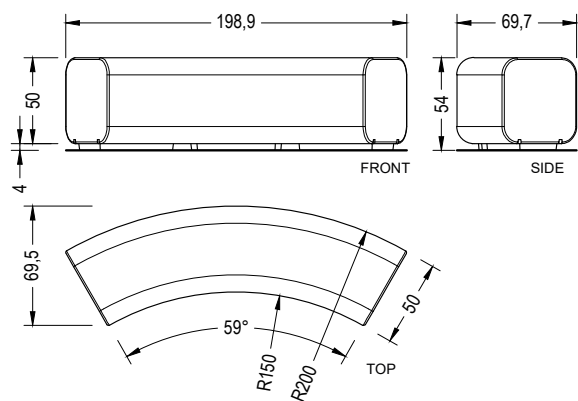
Serp Recto LED



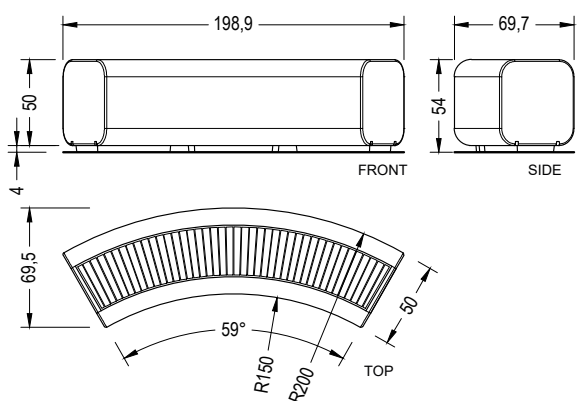
Serp Comfort Recto LED



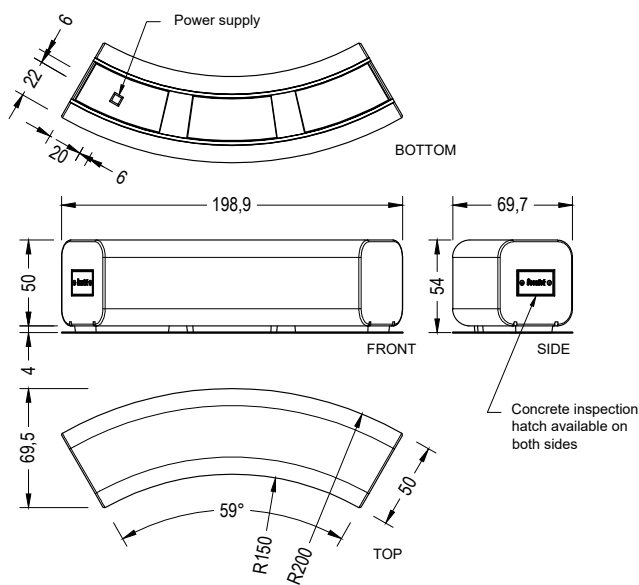
Serp R150



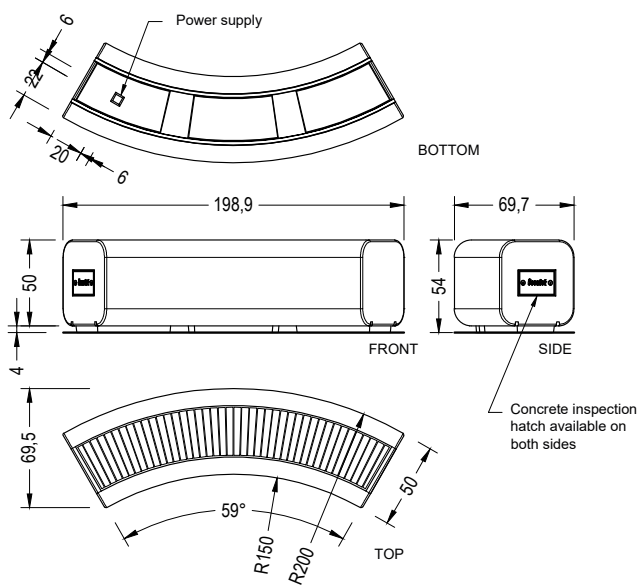
Serp Comfort R150



Serp R150 LED



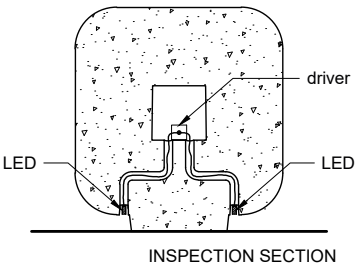
Serp Comfort R150 LED





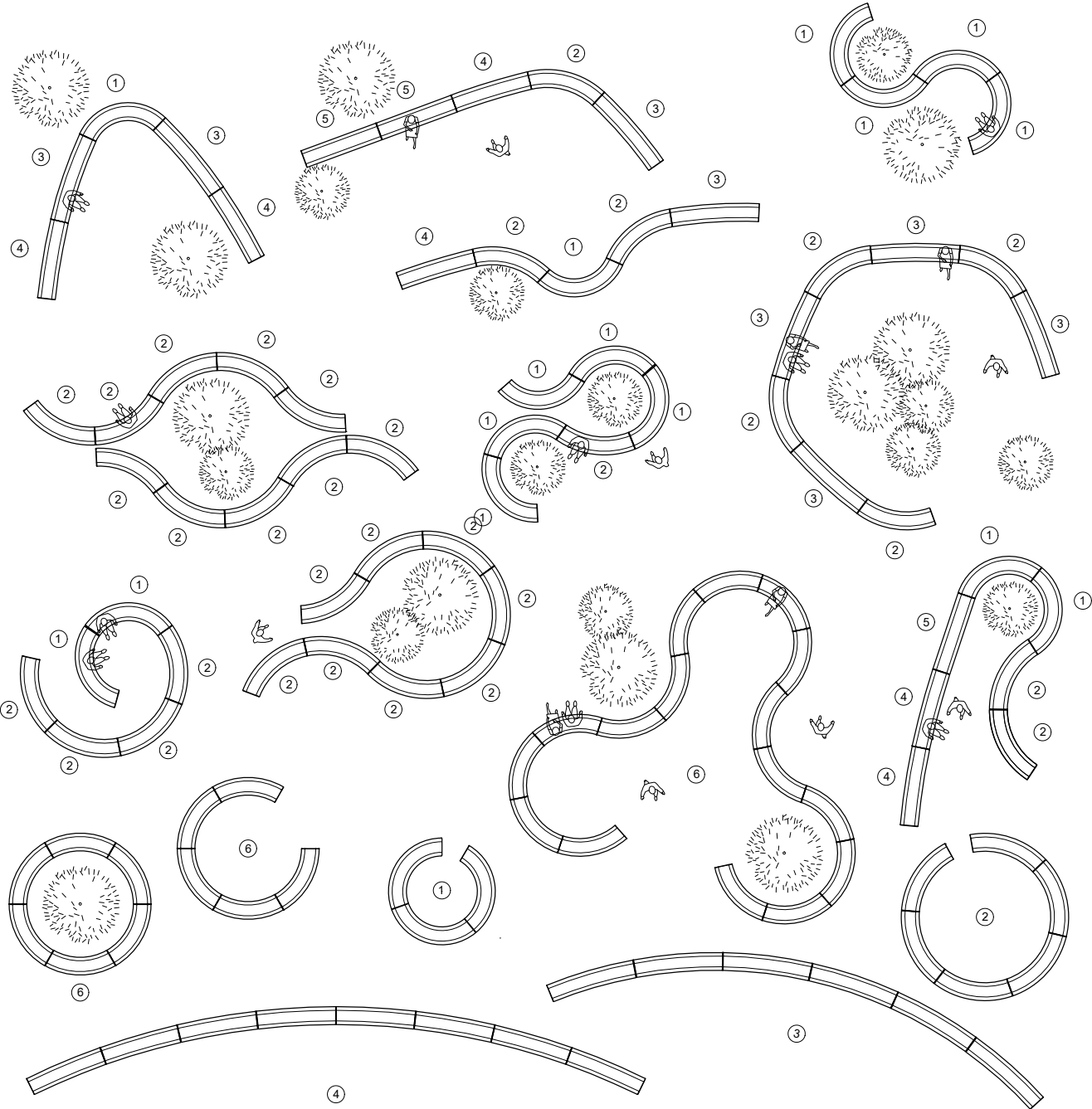
1.4 Lighting

LED		Driver Vossloh or similar	
Operating voltage	24V	Voltage	220-240V
Power	15 W/m	Frequency	50-60Hz
Color temperature	3000K-6000K	Power factor	>0,9
Degree of protection	IP67	Degree of protection	IP67



1.5 Aggregations

① R100 ② R185 ③ R1185 ④ R1915 ⑤ RECTO ⑥ R150



SERP



Escofet®



Warranty

5 years in concrete elements.

The names, trademarks and industrial models of the products have been logged in the corresponding registers. The technical information provided by Escofet about its products can be modified without prior notice.

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