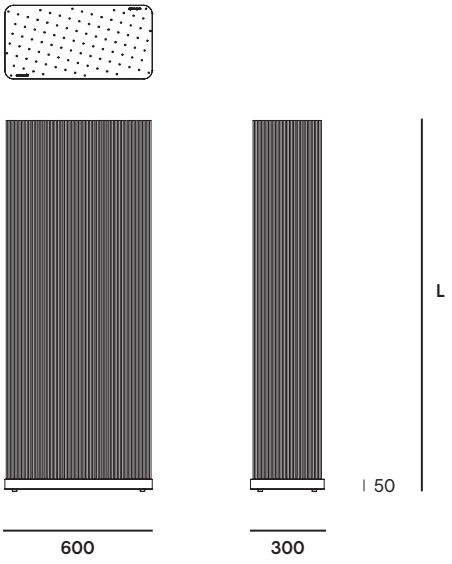
Sticks

© Design by Hsu-Li Teo & Stefan Kaiser for Extremis, 2003

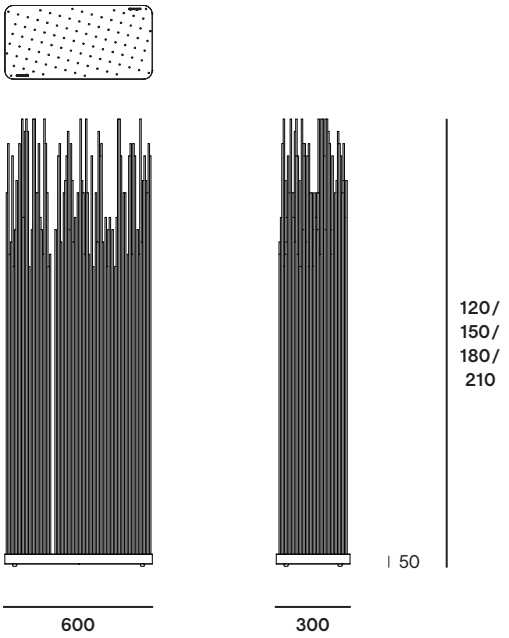
Dimensions

The standard base with rods is available in 4 heights

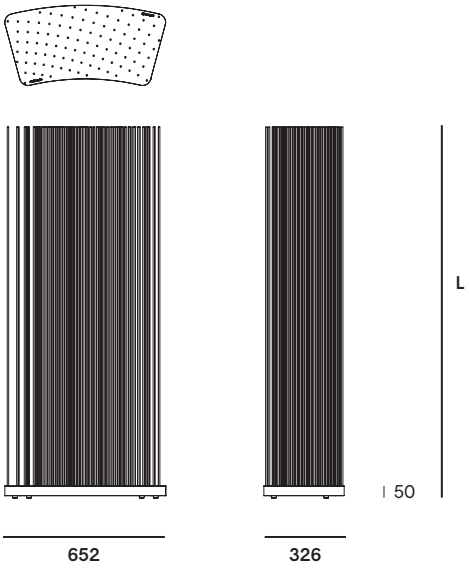


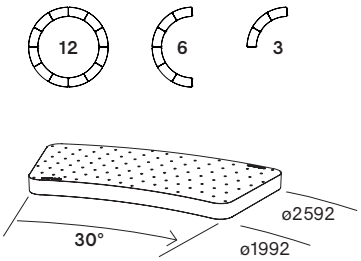
Dimensions (mm)	L
Standard base with 120 rods	1220
Standard base with 150 rods	1520
Standard base with 180 rods	1820
Standard base with 210 rods	2120

The standard base with Biophilic rods is available in 1 height



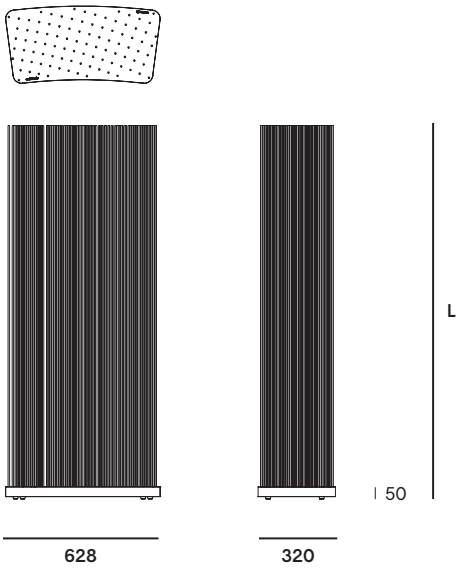
The sharp curved base with rods is available in 4 heights

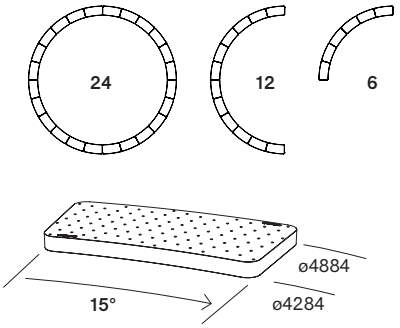




Dimensions (mm)	L
Sharp curved base with 120 rods	1220
Sharp curved base with 150 rods	1520
Sharp curved base with 180 rods	1820
Sharp curved base with 210 rods	2120

The wide curved base with rods is available in 4 heights





Dimensions (mm)	L
Wide curved base with 120 rods	1220
Wide curved base with 150 rods	1520
Wide curved base with 180 rods	1820
Wide curved base with 210 rods	2120

Box dimensions

Sticks comes in 1 box and 1 bag

Bag 1: Rubber bases

Box 1: Rubber base with LED /
Wooden bases (with LED)

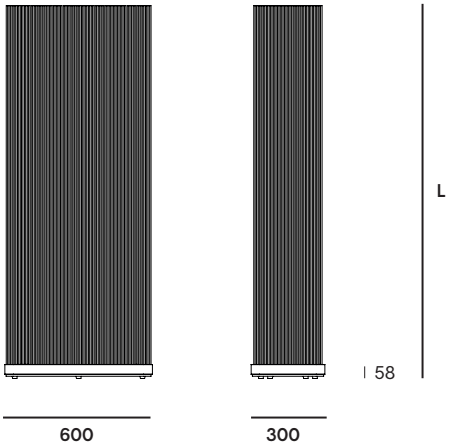
Box 2: Rubber curved bases with LED /
Wooden curved bases (with LED)

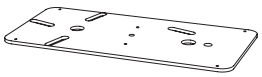
Box dimensions (mm)		L	W	H	Qty	Volume (m3)	Gross weight (kg)	Net weight (kg)	Packaging weight (kg)
Standard base rubber	Bag 1	630	300	40	1	0,01	10,10	10,00	0,10
Rods 120 cm	Bag 2	1200	180	180	1	0,04	6,40	6,30	0,10
					Total:	**0,05**	**16,50**	**16,30**	**0,20**
Standard base rubber	Bag 1	630	300	40	1	0,01	10,10	10,00	0,10
Rods 150 cm	Bag 2	1500	180	180	1	0,05	8,00	7,90	0,10
					Total:	**0,06**	**18,10**	**17,90**	**0,20**
Standard base rubber	Bag 1	630	300	40	1	0,01	10,10	10,00	0,10
Rods 180 cm	Bag 2	1800	180	180	1	0,06	9,44	9,34	0,10
					Total:	**0,07**	**19,54**	**19,34**	**0,20**
Standard base rubber	Bag 1	630	300	40	1	0,01	10,10	10,00	0,10
Rods 210 cm	Bag 2	2100	180	180	1	0,07	11,06	10,96	0,10
					Total:	**0,08**	**21,16**	**20,96**	**0,20**
Standard base rubberwood	Box 1	630	300	50	1	0,01	5,10	5,00	0,10
Rods 120 cm	Bag 2	1200	180	180	1	0,04	6,40	6,30	0,10
						0,05	**11,50**	**11,30**	**0,20**
Standard base rubberwood	Box 1	630	300	50	1	0,01	5,10	5,00	0,10
Rods 150 cm	Bag 2	1500	180	180	1	0,05	8,00	7,90	0,10
						0,06	**13,10**	**14,90**	**0,20**
Standard base rubberwood	Box 1	630	300	50	1	0,01	5,10	5,00	0,10
Rods 180 cm	Bag 2	1800	180	180	1	0,06	9,44	9,34	0,10
						0,07	**14,54**	**14,34**	**0,20**
Standard base rubberwood	Box 1	630	300	50	1	0,01	5,10	5,00	0,10
Rods 210 cm	Bag 2	2100	180	180	1	0,07	11,06	10,96	0,10
						0,08	**16,16**	**15,96**	**0,20**

Box dimensions (mm)		L	W	H	Qty	Volume (m3)	Gross weight (kg)	Net weight (kg)	Packaging weight (kg)
Sharp curved base rubber	Bag 1	650	320	40	1	0,01	10,30	10,00	0,30
Rods 120 cm	Bag 2	1200	180	180	1	0,04	6,40	6,30	0,10
					Total:	**0,05**	**16,70**	**16,30**	**0,40**
Sharp curved base rubber	Bag 1	650	320	40	1	0,01	10,30	10,00	0,30
Rods 150 cm	Bag 2	1500	180	180	1	0,05	8,00	7,90	0,10
					Total:	**0,06**	**18,30**	**17,90**	**0,40**
Sharp curved base rubber	Bag 1	650	320	40	1	0,01	10,30	10,00	0,30
Rods 180 cm	Bag 2	1800	180	180	1	0,06	9,44	9,34	0,10
					Total:	**0,07**	**19,74**	**19,34**	**0,40**
Sharp curved base rubber	Bag 1	650	320	40	1	0,01	10,30	10,00	0,30
Rods 210 cm	Bag 2	2100	180	180	1	0,07	11,06	10,96	0,10
					Total:	**0,08**	**21,36**	**20,96**	**0,40**
Sharp curved base rubberwood	Bag 1	715	325	50	1	0,01	5,30	5,00	0,30
Rods 120 cm	Bag 2	1200	180	180	1	0,04	6,40	6,30	0,10
					Total:	**0,05**	**11,70**	**11,30**	**0,40**
Sharp curved base rubberwood	Bag 1	715	325	50	1	0,01	5,30	5,00	0,30
Rods 150 cm	Bag 2	1500	180	180	1	0,05	8,00	7,90	0,10
					Total:	**0,06**	**13,30**	**12,90**	**0,40**
Sharp curved base rubberwood	Bag 1	715	325	50	1	0,01	5,30	5,00	0,30
Rods 180 cm	Bag 2	1800	180	180	1	0,06	9,44	9,34	0,10
					Total:	**0,07**	**14,74**	**14,34**	**0,40**
Sharp curved base rubberwood	Bag 1	715	325	50	1	0,01	5,30	5,00	0,30
Rods 210 cm	Bag 2	2100	180	180	1	0,07	11,06	10,96	0,10
					Total:	**0,08**	**16,36**	**15,96**	**0,40**
Wide curved base rubber	Bag 1	650	320	40	1	0,01	10,30	10,00	0,30
Rods 120 cm	Bag 2	1200	180	180	1	0,04	6,40	6,30	0,10
					Total:	**0,05**	**16,70**	**16,30**	**0,40**
Wide curved base rubber	Bag 1	650	320	40	1	0,01	10,30	10,00	0,30
Rods 150 cm	Bag 2	1500	180	180	1	0,05	8,00	7,90	0,10
					Total:	**0,06**	**18,30**	**17,90**	**0,40**
Wide curved base rubber	Bag 1	650	320	40	1	0,01	10,30	10,00	0,30
Rods 180 cm	Bag 2	1800	180	180	1	0,06	9,44	9,34	0,10
					Total:	**0,07**	**19,74**	**19,34**	**0,40**
Wide curved base rubber	Bag 1	650	320	40	1	0,01	10,30	10,00	0,30
Rods 210 cm	Bag 2	2100	180	180	1	0,07	11,06	10,96	0,10
					Total:	**0,08**	**21,36**	**20,96**	**0,40**
Wide curved base rubberwood	Bag 1	650	350	50	1	0,01	5,30	5,00	0,30
Rods 120 cm	Bag 2	1200	180	180	1	0,04	6,40	6,30	0,10
					Total:	**0,05**	**11,70**	**11,30**	**0,40**
Sharp curved base rubberwood	Bag 1	650	350	50	1	0,01	5,30	5,00	0,30
Rods 150 cm	Bag 2	1500	180	180	1	0,05	8,00	7,90	0,10
					Total:	**0,06**	**13,30**	**12,90**	**0,40**
Sharp curved base rubberwood	Bag 1	650	350	50	1	0,01	5,30	5,00	0,30
Rods 180 cm	Bag 2	1800	180	180	1	0,06	9,44	9,34	0,10
					Total:	**0,07**	**14,74**	**14,34**	**0,40**
Sharp curved base rubberwood	Bag 1	650	350	50	1	0,01	5,30	5,00	0,30
Rods 210 cm	Bag 2	2100	180	180	1	0,07	11,06	10,96	0,10
					Total:	**0,08**	**16,36**	**15,96**	**0,40**

Extra weight dimensions

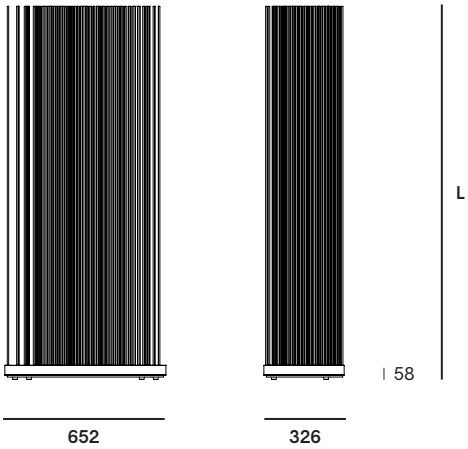
The extra weight for the standard bases is available in one version

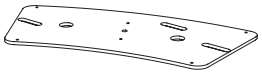




Dimensions (mm)	L
Standard base & extra weight with 120 rods	1228
Standard base & extra weight with 150 rods	1528
Standard base & extra weight with 180 rods	1828
Standard base & extra weight with 210 rods	2128

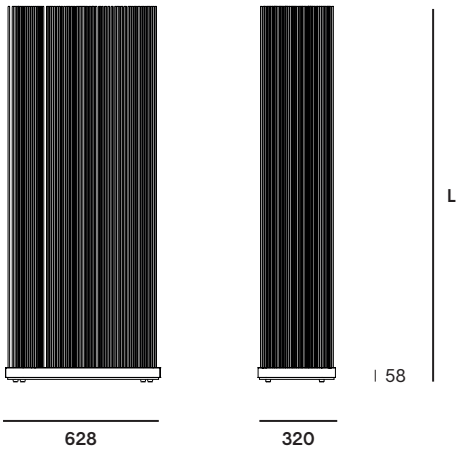
The extra weight for the sharp curved bases is available in one version

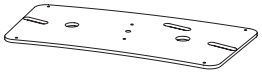




Dimensions (mm)	L
Sharp curved base & extra weight with 120 rods	1228
Sharp curved base & extra weight with 150 rods	1528
Sharp curved base & extra weight with 180 rods	1828
Sharp curved base & extra weight with 210 rods	2128

The extra weight for the wide curved bases is available in one version





Dimensions (mm)	L
Wide curved base & extra weight with 120 rods	1228
Wide curved base & extra weight with 150 rods	1528
Wide curved base & extra weight with 180 rods	1828
Wide curved base & extra weight with 210 rods	2128

Extra weight box dimensions

The extra weight comes in 1 box

Box 3: Extra weight (standard bases)

Box 4: Extra weight (sharp curved bases)

Box 5: Extra weight (wide curved bases)

Box dimensions (mm)		L	W	H	Qty	Volume (m3)	Gross weight (kg)	Net weight (kg)	Packaging weight (kg)
Extra weight for standard bases	Box 3	630	310	50	1	0,01	10,30	10,20	0,10
Extra weight for sharp curved bases	Box 4	715	325	50	1	0,01	10,30	10,20	0,10
Extra weight for wide curved bases	Box 5	715	325	50	1	0,01	10,30	10,20	0,10

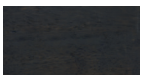
Materials & colors

Check price list or www.extremis.com for current materials & colors

Bases


Rubber


Rubberwood
Natural


Rubberwood
Dark

Extra weight


Galvanized steel

LEDs


Cool white
6500K


Warm white
3000K

Rods


White


Black


Wood color


Green

Materials	Key facts	Thickness	Layer thickness	Density	In/outdoor	Water	UV color fastness	Flame retarding
		mm	micron					
Fiberglass rods	• Made with pultrusion technique: a non-stop process of fibre glass wires pulled through a bath of polyester resin • Strong • Flexible • Lightweight	6	n.a.	0,45 10^3kg/m^3	Outdoor & indoor	n.a.	Very good: color can fade to some extent when exposed to UV	/
Rubber base	• Made from mostly regenerated rubber, more ecological • Rubber can cause black marks on the floor by direct contact • Use protection feet	40	n.a.	1,25 10^3kg/m^3	Outdoor & indoor	n.a.	Good	/
Rubberwood base	• Wood of the rubber tree, very valuable • High stability • Easy to process • Ecologically sustainable wood • Treated with oil to make it more resistant to dirt and to maintain its colour	40	50 - 100	600 g/m^2	Indoor	n.a.	n.a.	/
LEDs	• Color temperature of 6500K (cool white) or 3000K (warm white) • Beam angle of 25° • 350mA • 2 x 3,2W • 100 - 220 V; 50 - 60 Hz • Up to 20 LEDs per plug, i.e. 10 straight or curved bases	n.a.	n.a.	n.a.	Outdoor & indoor	IP65	/	/
Lead, plug & stop	• Supplied plug is of the type F • In countries where this plug is not used, a plug will have to be fitted locally by an electrician • Up to 18 LEDs per plug, i.e. 9 straight or curved bases in a row	n.a.	n.a.	n.a.	Outdoor & indoor	IP65	/	/
Hot dip galvanized steel extra weight	• Most durable method for protecting metal from rusting • Protective layer • Very long life span • 100% recyclable • Cradle to Cradle Certified™	8	n.a.	7,50 10^3kg/m^3	Outdoor & indoor	n.a.	Very good, galvanization will however become less shiny when used outdoors	NEN--EN13501-1 A1 *

NEN-EN13501-1 A1

Class A1 products will not contribute to fire in any stage, including fully developed fire. For this reason, they are assumed to be capable of satisfying all requirements of all lower classes as well.

Good to know

- In 2003, Extremis launched the most internationally oriented product of a Chinese-German couple living in Australia, put on the market by a Belgian company, and (partially) manufactured in Sri Lanka.
  The Sri Lanka production unit is part of a development project set up by the 'Building a Future Foundation'. BAF Foundation is a special purpose foundation that is established with the sole and only purpose to create a future for the youth along the coastal areas affected by tsunami by bringing in new activities, technologies, skills and trainings in order to generate such economic activities and employment opportunities
- You do not have to insert all the rods. To achieve more transparency, you can always put fewer sticks in bases.
- Biophilic rods: the rods vary ub height between 120/150/180/210 cm.
- Combine the Biophilic rods with any base.

Maintenance

RUBBER & FIBERGLASS RODS

- The rubber and the fiberglass rods do not require special maintenance. They can simply be kept dustfree with a slightly damp cloth.

GALVANIZED PARTS

- Clean with lukewarm water and a mild detergent or Extremis multi cleaner.

Floor fastening

Sticks base can be anchored to the ground by drilling a hole in the ground and putting a screw (ø 6mm) through the middle of the base (instead of a rod) in the ground.

F.A.Q.

Q: How many rods are there in one base?

A: 1 bunch of rods = 49 rods
Standard & curved bases → 2 bunches of 49 rods = 98 rods

Q: Are the rods safe for children? Can it cause skin irritations by touching the rods?

A: The rods are covered with a protective layer, so the fiberglass won't hurt the skin. Because of the production process, some fiberglass dust may stick to the rods, so we advise to wear gloves for the assembly.

Q: How many bases with LEDs can be fixed to each other with only 1 power supply?

A: Up to 9 bases with 1 power supply.
Up to 8 bases with 1 power supply & a connection cable of 100 cm.
Up to 6 bases with 1 power supply & a connection cable of 400 cm.
Up to 4 bases with 1 power supply & a connection cable of 900 cm.

Warnings ⚠

General

- Do not use any sharp tools to open the packaging.
- We strongly advise against using power tools.
- Tripping hazard, mind your step.
- Do not put out cigarettes on the product.
- Not grafitti proof.
- Do not leave children unattended whilst playing on the table.
- To avoid danger of suffocation, keep plastic bags away from babies and children.
- Colors can differ over years and from batch to batch.

Product

- Anchoring the product has to be done by qualified people.
- For anchoring: use suitable bolts or screws from a specialized store depending on the material your terrace is made of.
- We consequently recommend that you thoroughly dust or rinse the rods before inserting them into the bases to reduce these fibres to a minimum.
- Do not touch the fiberglass rods with your bare hands. Always use gloves to assemble Sticks. During the production process tiny glass fibers may come loose and could stick on the rods. In case of skin contact they may cause slight irritation. We consequently recommend that you thoroughly dust or rinse the rods beofre inserting them into the bases to reduce these fibers to a minimum.
- Do not allow anyone to use the rods for playing or jousting. This may cause injuries.
- Because of the specific characteristics of the production process of fiberglass, colors can only be reproduced approximatively and color differences may occur. This is the case for both standard colors as for colours upon request.
- Rubberwood bases are not suitable for outdoor use.
- When using the Sticks high up or in windy places, we advise you to attach the bases to the ground. In places where this is not possible, we offer a weighted base.
- Make sure the electrical modules (bases with LED lighting, cables, adapters and switches) never end up in a puddle.

Fiberglass

- Stains should be removed immediately with a clean, soft cloth, particularly in case of dark-coloured liquids such as wine, ink, coffee, coke, oil or bird droppings. If left to dry, these liquids may cause permanent damage!
- Avoid using aggressive and abrasive products.
- The white hue can change to some extent when exposed to UV.
- With darker colors, the ends may look lighter because of the white glass fibers.
- Color variations are possible, and even likely. This is intrinsic to this production technique. It contributes to the natural effect.

Rubber

- Rubber can cause stains on delicate floor, therefore, we advise to use the plastic feet.
- Rubber can cause stains on carpets, therefore, we advise to use only the wooden bases on carpets
- Rubber has a distinctive smell but it will fade over time.

Galvanized steel

- Galvanization will become less shiny when used outdoors.
- Flame retarding - NEN-EN13501-1 A1 - Class A1 products will not contribute to fire in any stage, including fully developed fire. For this reason, they are assumed to be capable of satisfying all requirements of all lower classes as well.
- Possible impurities in the immersion tank can cause black marks during galvanization, which are intrinsic to this industrial finishing technique.
- White marks on this zinc layer are also intrinsic to this procedure and will disappear when the furniture is put outdoors.
- This industrial finishing technique may result in a rougher surface. This is intrinsic to the process.

Tech sheet
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