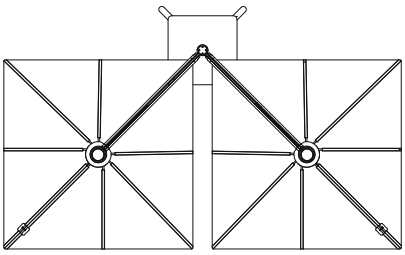
Sensu duo diamond

© design by Dirk Wynants

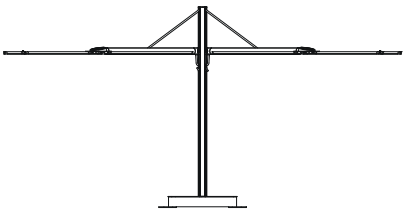
Dimensions

The Sensu duo diamond is available in one dimension
In combination with the base



98,43

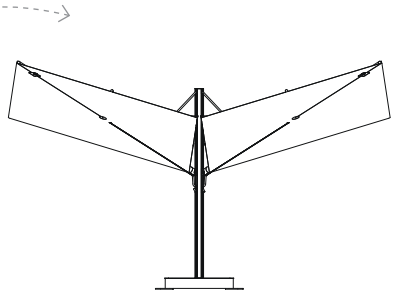
126,26



82,09

100,79

106,69



50,31

118,62

ø4,49

98,43

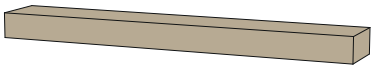
206,93

Box dimensions

The Sensu duo diamond comes in 4 boxes

Box 1: Shade pole

Box 2: Shade arm (x2)



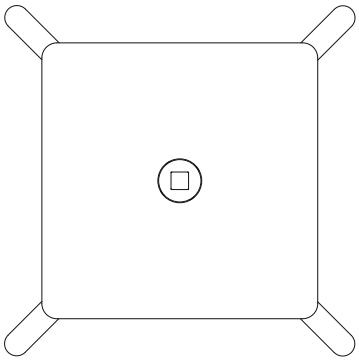
Box 3: Support

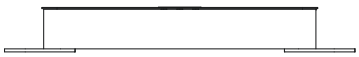
Box 4: Cover

Box dimensions (inch)		L	W	H	Qty	Volume (ft3)	Gross weight (lb)	Net weight (lb)	Packaging weight (lb)
Sensu duo diamond	Box 1	108,27	12,99	14,17	1	11,65	70,55	63,93	6,61
	Box 2	90,94	7,87	14,17	2	12,01	105,82	94,80	11,02
	Box 3	22,65	8,66	8,66	1	1,06	13,23	12,13	1,10
	Box 4	104,33	5,51	5,51	1	1,77	8,82	3,31	5,51
					Total:	**26,49**	**198,42**	**174,17**	**24,24**

Base dimensions

The base is available in one dimension





5,79

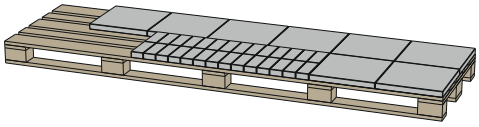
35,83

45,59

Base box dimensions

The base comes in 3 boxes
Box 1 will be put on top of the pallet with tiles for transport

Pallet 1: tiles

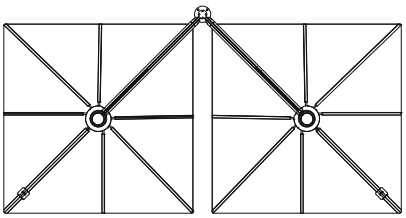


Box 5: cover plate

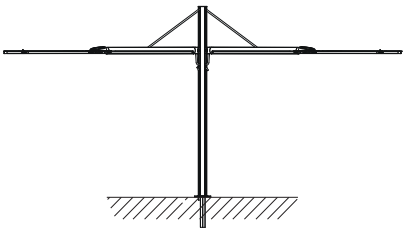
Box 6: base frame + rotating system + wheels

Box dimensions (inch)		L	W	H	Qty	Volume (ft3)	Gross weight (lb)	Net weight (lb)	Packaging weight (lb)
Base	Pallet 1	110,24	31,50	5,91	1	12,01	395,07	376,99	18,08
	Box 5	37,40	37,40	1,97	1	1,77	55,12	51,81	3,31
	Box 6	36,61	36,61	5,51	1	4,24	66,14	62,39	3,75
					Total:	**18,02**	**516,33**	**491,19**	**25,14**

In combination with the permanent fixation



98,43 **107,68**

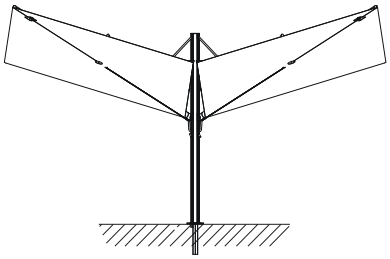


76,38 **101,18**

ø4,49

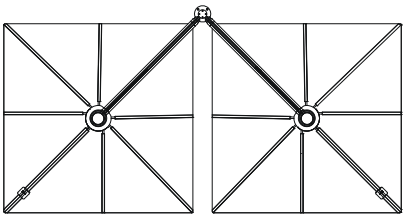
98,43

206,93

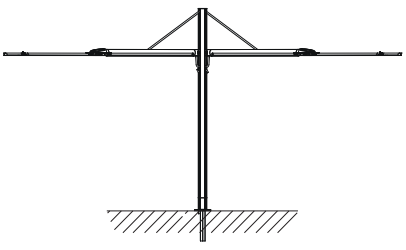


44,37 **113,11**

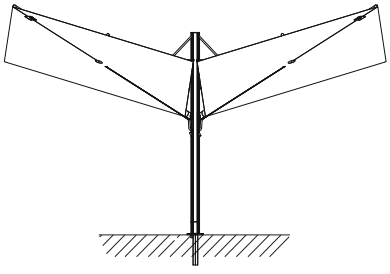
In combination with the permanent fixation & pole extension
(It is highly recommended to use the pole extension when using the permanent fixation, to increase the height by 15 cm to ensure head clearance)



98,43 **107,68**

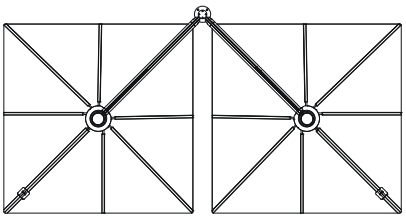


82,28 **107,09**

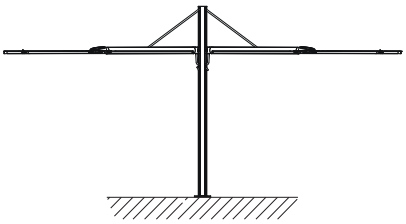


51,14 **119,25**

In combination with floor fastening



98,43 **107,68**

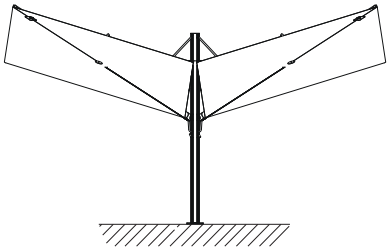


76,38 **101,18**

ø4,49

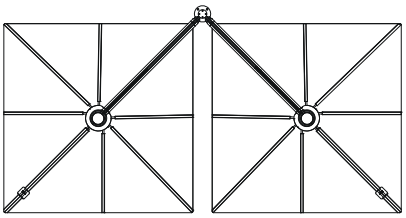
98,43

206,93

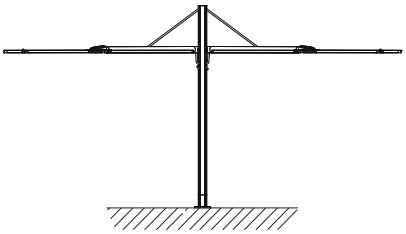


44,37 **113,11**

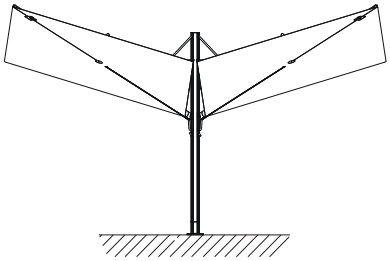
In combination with floor fastening & pole extension
(It is highly recommended to use the pole extension when using the floor fastening, to increase the height by 15 cm to ensure head clearance)



98,43 **107,68**



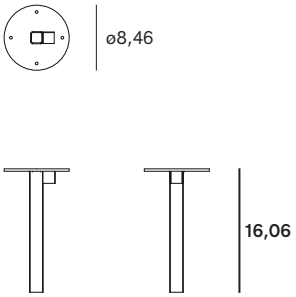
82,28 **107,09**



51,14 **119,25**

Permanent fixation dimensions

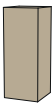
The permanent fixation is available in one dimension



Permanent fixation box dimensions

The permanent fixation comes in 1 box

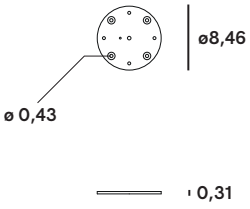
Box 7: permanent fixation



Box dimensions (inch)		L	W	H	Qty	Volume (ft3)	Gross weight (lb)	Net weight (lb)	Packaging weight (lb)
Permanent fixation	Box 7	8,66	8,66	21,65	1	1,06	22,05	20,94	1,10

Floor fastening dimensions

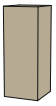
The floor fastening is available in one dimension



Floor fastening box dimensions

The floor fastening comes in 1 box

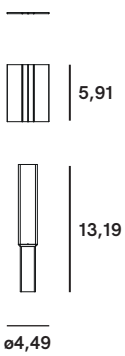
Box 8: floor fastening



Box dimensions (inch)		L	W	H	Qty	Volume (ft3)	Gross weight (lb)	Net weight (lb)	Packaging weight (lb)
Floor fastening	Box 8	7,87	7,87	5,91	1	0,35	11,46	11,02	0,44

Pole extension dimensions

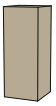
The pole extension is available in one dimension



Floor fastening box dimensions

The pole extension comes in 1 box

Box 9: pole extension



Box dimensions (inch)		L	W	H	Qty	Volume (ft3)	Gross weight (lb)	Net weight (lb)	Packaging weight (lb)
Pole extension	Box 9	15,75	5,51	5,51	1	0,35	8,82	8,38	0,44

Materials & colors

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

Fabric

White

Taupe

Black

Pole & base

Papyrus white (RAL9018)
Structured powder coating

Earth
Structured powder coating

Black (RAL9005)
Structured powder coating

Materials	Key facts	Thickness	Layer thickness	Density	In/outdoor	Water	UV color fastness	Flame retarding
		inch	micron					
Acrylic fabric	• 100% solution dyed Acrylic • Dirt repellent • Not waterproof	0,11	n.a.	0,47 oz/ft²	Outdoor & indoor	The fabric has a water column of 350 mm (EN 20811)	7/8 (ISO 105-B02)	/
Structured powder coated aluminium pole	• A technique of applying dry paint to a part • Electrostatically charged and sprayed onto the object • More scratch-resistant than non structured powder coating	0,07 - 0,16	50 - 100	0,17 10³lb/ft³	Outdoor & indoor	n.a.	Very good: color can fade to some extent when exposed to UV	NEN -EN13501-1 A2-s1 **
Stainless steel 316 handle	• High rust resistance • Periodical maintenance required	0,08 - 0,20	n.a.	0,49 10³lb/ft³	Outdoor & indoor	n.a.	Very good	NEN -EN13501-1 A1*
Fiberglass balleens	• Made with pultrusion technique: a non-stop process of fiberglass wires pulled through a bath of polyester • Strong • Lightweight	0,63	n.a.	0,45 10³lb/ft³	Outdoor & indoor	n.a.	Very good: color can fade to some extent when exposed to UV	/
Aluminium balleen supports	• A process aimed at thickening the existing aluminium oxide layer • Thickest layer of protection	0,79	50 - 100	0,17 10³lb/ft³	Outdoor & indoor	n.a.	Very good	NEN -EN13501-1 A1*
Structured powder coated steel base	• A technique of applying dry paint to a part • Electrostatically charged and sprayed onto the object • More scratch-resistant than non structured powder coating	0,07 - 0,16	50 - 100	0,17 10³lb/ft³	Outdoor & indoor	n.a.	Very good: color can fade to some extent when exposed to UV	NEN -EN13501-1 A2-s1 **
Cover	• 100% polyester • Polyuréthane coating • Breathable, so not 100% waterproof	0,50	n.a.	8,46 oz/ft²	Outdoor & indoor	Water repellent & breathable	6-8/8 (ISO 105-B02)	/

NEN-EN13501-1 A1

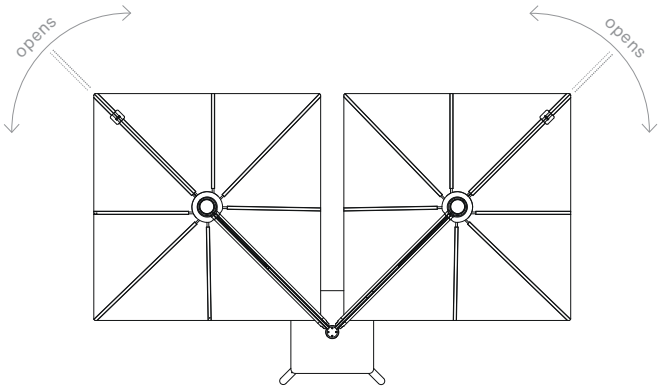
Class A1 products will not contribute to fire in any stage, including fully developed fire. For this reason, they are assumed to be capable of satisfying all requirements of all lower classes as well.

NEN-EN13501-1 A2-sl

Satisfying the same criteria as class B for the SBI-test according to EN 13823. In addition, under conditions of a fully developed fire these products will not significantly contribute to the fire load and fire growth

Good to know

- Sensu duo square opens like a fan from the center.
- Not possible to tilt the shade 90 degrees when both shades are opened.
- The diameter of the pole is ø114 cm
- The shade cover is included.



Maintenance

POWDER COATED PARTS
- White powder coating obviously requires more maintenance.
- Clean stains with a magic eraser.

ACRYLIC FABRIC
- Shake or brush off loose dirt immediately.
- Spray Extremis Multi Cleaner.
- Use a soft brush and make circular movements.
- Let the suds soak in for a moment.
- Rinse thoroughly to remove all soap residue.
- Simply allow to dry.
- It's also possible to put the blanket and the pillow covers in a washing machine (max 40°C). Follow the cleaning instruction on the label

STAINLESS STEEL PARTS
- Clean regularly with a dry cloth and some stainless steel cleaner.

F.A.Q.

Q: Is the fabric 100% waterproof?
A: With light rain you stay easily seated under the shade. The fabric is slightly slanted in opened position. With heavy rain, the canvas lets through only a little bit of water. This is typical for the fabric and necessary, because the fabric should be able to ventilate.

Q: Can you remove the fabric for washing?
A: We do not advise this but it is possible. In the first place, you should close the shade when you do not use it and protect it with its cover. This protects the shade from getting dirty.

Q: How wind resistant is the shade?
A: Tests in a windtunnel have shown that the shade withstands wind speeds up to 31 mph. Still, we strongly advise to close it sooner (from 18 mph is the rule of thumb).

Q: Do you need to use a shade cover?
A: The cover is needed to protect and fix the shade when not in use. Protect your shade from polluted rain, bird droppings, dust and heavy winds to avoid marks or stains on the shade fabric.

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 shade.
- Not grafitti proof.
- Do not leave children unattended whilst playing on the shade.
- Colors can differ over years and from batch to batch.

Product
- Do not drag the shade, but carry it with minimum2 people.
- 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.
- In case of strong winds or if it is not being used, close the shade and tilt the latches downwards. Put the protective cover over the shade to prevent it from blowing open or getting dirty.
- For ventilation purposes, the cover is not 100% water proof.
- Store the shade when not in use for a long time as follows: completely dry and in a dry environment.
- Do not leave the shade closed for a long time when the shade fabric is still damp or wet.
- Do not leave the shade unattended when opened.
- Tests in a windtunnel have shown that the shade withstands wind speeds up to 31 mph. Still, we strongly advise to close it sooner (from 18 mph is the rule of thumb).
- We advise to position the shade in the direction of the wind, put the arm in a 5° à 10° angle.

Powder coating
- White powder coating requires more maintenance.
- Do not use abrasive scouring powders or scourers as they will scratch the surface.
- Color can fade to some extent when exposed to UV.
- Flame retarding - NEN-EN13501-1 A2-sl - Satisfying the same criteria as Class B for the SBI-test according to EN13823. In addition, under conditions of a fully developed fire these products will nog significantly contribute to the fire load and fire growth.
- Dark colors can get very hot in sunny weather.

Acrylic fabric
- Not waterproof, store inside!
- Shake or brush off loose dirt immediately.
- UV color fasteness: 7/8 (ISO 105-B02).

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Tech sheet
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