

**Function and Play value**

Experience the energy of sunlight. As soon as the sunlight encounters resistance or impermeability, it is converted into warmth which we notice on our skin, for example.

Sunlight is collected in the 30 cm magnifying lens and is concentrated to a beam. The rougher and darker the material that it encounters, the more the rays are converted to heat. This can be experienced by carefully placing the hand behind the lens. Even wood can be scorched at the focal point.

**Suitable**

- for educational institutes
- botanical gardens, parks



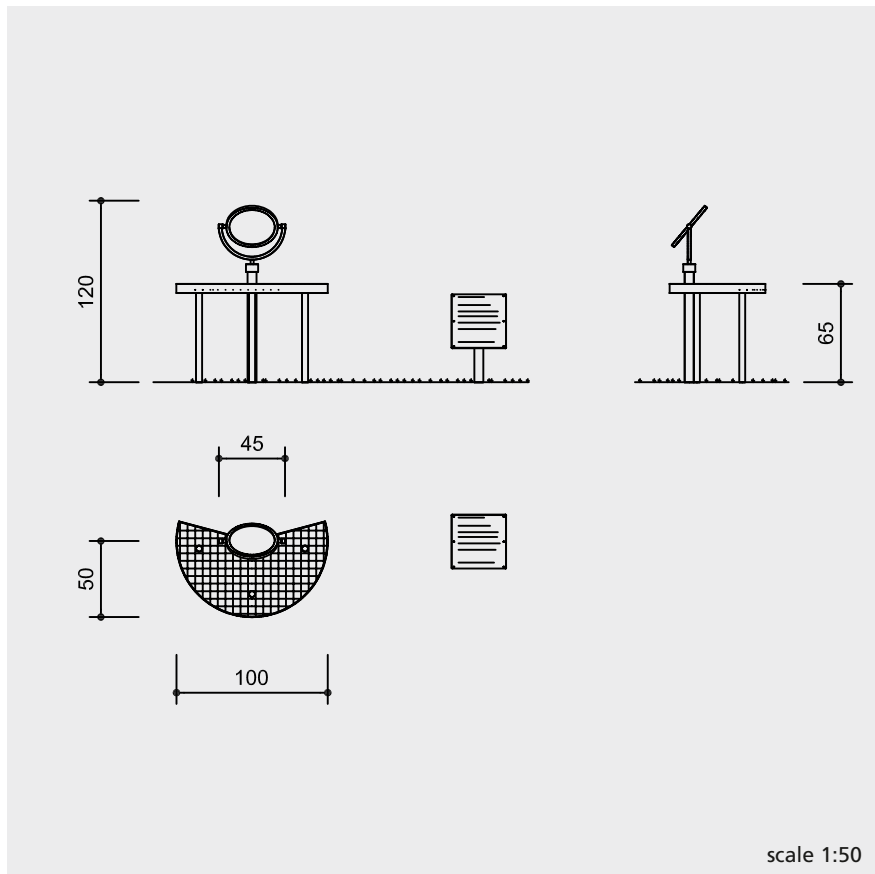
The picture shows the magnifying lens without table.

**Magnifying Lens**  
*graubner* Play Stations for  
 Developing the Senses

Vandalism	vulnerable in non-supervised areas
Supervision	absolutely necessary can generate considerable heat
Explanation Board	included
Installation	outdoors
Safety check (EN 1176)	has been completed
Installation in concrete	possible



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**Technical information**

equipment made of stainless steel

universal joint support made of stainless steel, rotatable and pivotable in all directions, maintenance-free bearings

large-sized optical plano-convex collection lens made of shatter-proof acrylic glass

support for Explanation Board made of stainless steel

**Dimensions**

(small deviations possible)

height	1.20 m
lens	Ø 0.30 m
weight approx.	75 kg

**Components**

- 1 complete piece of equipment with table
- 1 Explanation Board with support

**Installation information**

Recommended space circle diameter 3.00 m

Foundations

**Magnifying Lens**  
1 item 40 x 40 x 40 cm  
excavation depth 60 cm

**Table**  
3 items 30 x 30 x 40 cm  
excavation depth 60 cm

**Explanation Board**  
1 item 40 x 40 x 40 cm  
excavation depth 60 cm

**Attention!**  
**Exact measurements may vary, for all installation dimensions refer to current installation instructions.**  
Subject to technical changes!



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