

### Play value

Sound, like light and heat, can be made to focus. What is spoken at normal volume into the focal point of the reflector can be picked up in a second reflector placed opposite about 30 to 40 m away, as well as at all points between the two reflectors. Sound waves, like light and heat waves, can be concentrated onto one particular spot. The Parabolic Reflector provides experience of physical phenomena.

### Fundamental characteristics

- Incentive for playing: large reflectors
- Movement: listening

### Recommended for

- School children
- Young people
- Adults
- Older people
- Public play areas without supervision, such as playgrounds, parks or similar

### Barrier-free

- Independent play



Photo © Daniel Perales



Photo © Daniel Perales



Photo © Daniel Perales

### Parabolic Reflectors made of concrete

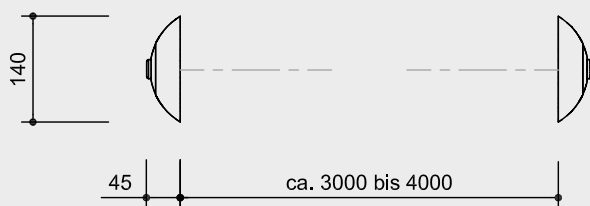
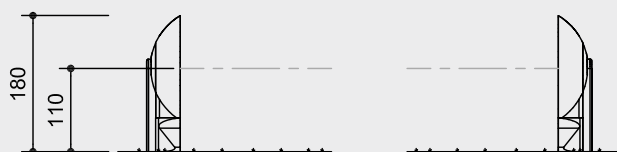
Acoustic effect	soft
Vandalism	not vulnerable



9.05000

**Order No. 9.05000**  
**Parabolic Reflectors made of concrete**

Safety distance →  
 Device dimensions —●—  
 Functional distance —|—



Scale 1:100

Safety check according to DIN EN 1176

**Components**

- 2 Concrete Parabolic Reflectors with stand feet
- 2 Pylon frames
- 2 Foundation irons

**Installation information**

Surfacing requirements  
 no requirements

Foundations  
 1 item 50 x 50 x 80 cm for each  
 Excavation depth 80 cm  
 optical measurement with levelling  
 instrument recommended

**Attention:**  
**Exact measurements may vary;**  
**for all installation dimensions refer**  
**to current assembly instructions.**  
 Technical changes reserved.

**Technical information**

Each reflector is cast as 1 part of reinforced concrete C40/50, steel-reinforced

**Ground anchor**

All parts used for anchoring to the ground are made of hot-dip galvanised steel or stainless steel

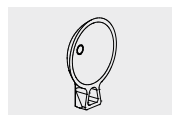


**For more detailed explanation of the quality characteristics see price list.**

**Dimensions**

(small deviations possible)

Height	1.80 m
Diameter	1.40 m
Weight per reflector	520 kg



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