

**BAADER FIBERGLASS
PROJECTION CUPOLAS OF 2.50 METER DIAMETER**

BAADER CUPOLAS are made of fiberglass plastic, thus stable and light-weighted at the same time. To make transport and storage easier, these cupolas are constructed as 8 equal segments of 45 degrees, each overlapping the next one. The inner surface of the dome shows a special reflecting white coating while the outer face is grey.

**COPERNICAN
PROJECTION-
PLANETARIUM**

For any room from
3.10 up to 5 meters
height – if to be
darkened

Cupola just to be
hanged up under
ceiling

If two persons are cooperating there are only 30 Minutes needed to set up a projection cupola. Thereby each segment has pre-produced holes, and the necessary screws will be delivered together with the cupola. Corresponding parts are marked with numbers to make mistakes in the assembly of the parts impossible.

BAADER PROJECTION CUPOLAS are to be used in a normal teaching room or any other available room, able to be darkened. The dome is just to be hanged up under the ceiling, whereby the lower edge of the copula should have a height of about 1.80 Meters above the ground. Because the radius of the cupola measures 1.25 meters, the overall height of the room should be at minimum 3.10 meters.

Delivered together with the dome is all necessary mounting equipment of steel ropes to hang up the cupola onto the ceiling. The equipment is able to level different heights of rooms between 3 and 5 meters and since the cupola's weight amounts 45 kilograms only, the steel ropes might be fastened on every type of ceiling.

The dowels in the ceiling should be attached in the corners of a square, having 2.20 meters lateral length so that the steel ropes are getting a little tilt from the vertical to the outside. To fasten the ropes on the cupola itself there are four hooks which are to be placed a second hole from below, each in a distance of 90 degrees from the other.

A BAADER PLANETARIUM instrument should be placed under the zenith of the cupola, so that the lower edge of the dome is to be understood as horizon for the projection. Groups of students now can be placed around the cupola, staying or sitting down and the number of visitors may change between 10 up to 25 persons. If the room is totally darkened, the projection of the BAADER PLANETARIUM appears exactly and sharp, so that the features of the planetarium might be demonstrated very easy.



Under normal conditions the cupola should not be used as the top of a closed cabin, because there will appear a ventilation problem and less persons are able to take part in the demonstration. Therefore in any case it is better to hang up the cupola in a room which is able to be darkened.

<u>SIZES AND WEIGHTS:</u>	INSIDE DIAMETER	2.50 meters
	OUTSIDE DIAMETER	2.60 meters
	WEIGHT	about 45 kg net
	THICKNESS OF MATERIAL	about 3 mm
	NUMBER OF SEGMENTS	8 segments
	SIZE OF WOODEN TRANSPORT BOX	195x125x65 (x51) cm
	(box sized conical to fit dome segments)	(height with pallet: 71cm)
	TRANSPORT WEIGHT	121kg incl.Euro-pallet (100kg w/o pallet)
TIME OF DELIVERY	8 – 10 weeks	

PROJECTION CUPOLAS ALSO AVAILABLE IN LARGER DIAMETER UPON REQUEST



BAADER PLANETARIUM GMBH

Zur Sternwarte • D-82291 Mammendorf • Tel. +49 (0) 81 45 / 8089-0 • Fax +49 (0) 81 45 / 8089-105
 Baader-Planetarium.de • kontakt@baader-planetarium.de • Celestron-Deutschland.de