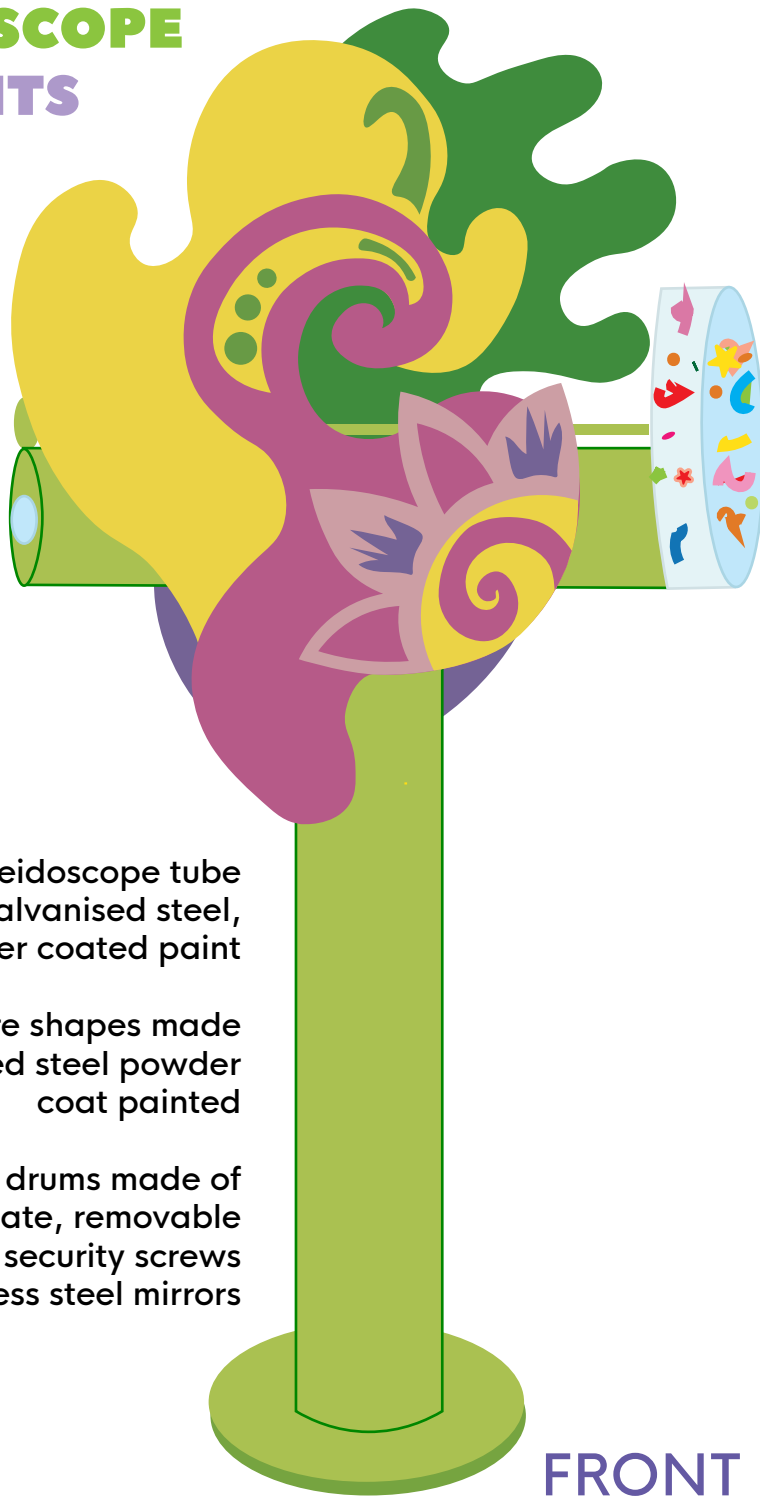


WONDERSCOPIES

**AT REGENTS PLACE
& CUMBERLAND MARKET**

PROPOSAL BY ALISA RUZAVINA

KALEIDOSCOPE AT REGENTS PLACE



Main stand and kaleidoscope tube
made out of galvanised steel,
painted with powder coated paint

Laser cut sculpture shapes made
out of galvanised steel powder
coat painted

4 Interchangeable drums made of
clear polycarbonate, removable
and fixed with security screws
Stainless steel mirrors

Total kaleidoscope
weight: 115 kg

Total artwork height
1797 mm

Stand diameter
405 mm

KALEIDOSCOPE

UPDATED FUNCTIONALITY

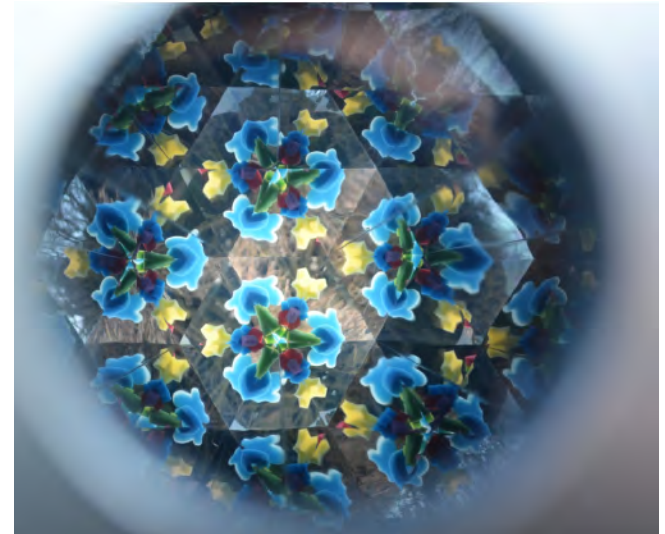
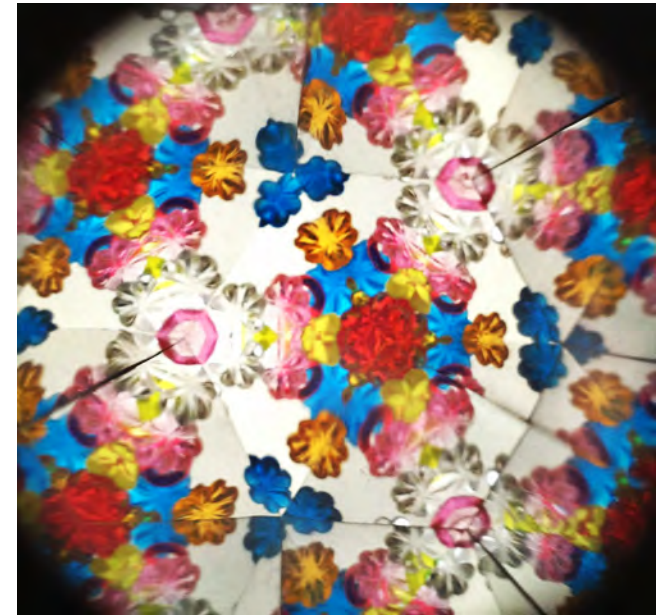
Kaleidoscope does not move up/down or sideways as movement does not impact the functionality of the kaleidoscope feature.

The only movable aspect of the kaleidoscope is the spinning of the kaleidoscope drum that contains speckles. The drum is spun by a handle located above the eye piece.

There are 4 sets of speckles that are changed every 3 months with the passing of the seasons. Each set contains 30-40 Plastazote foam cut seasonal shapes designed from community input of seasonal stories.

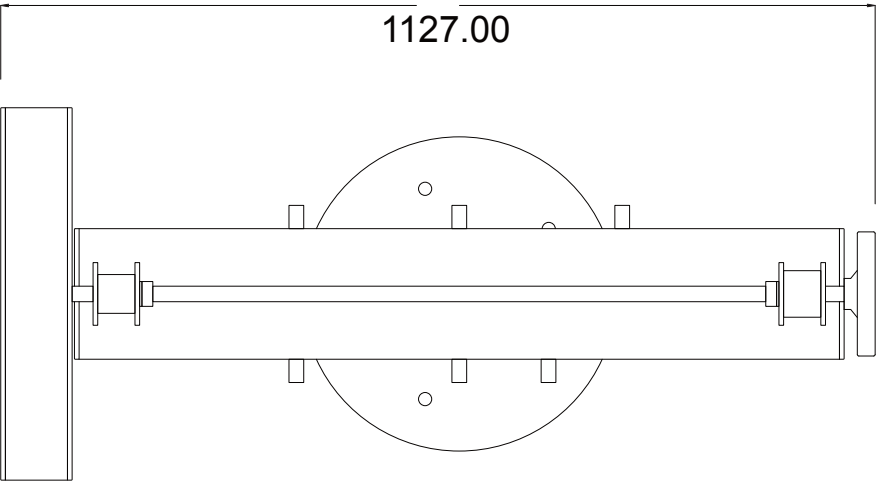
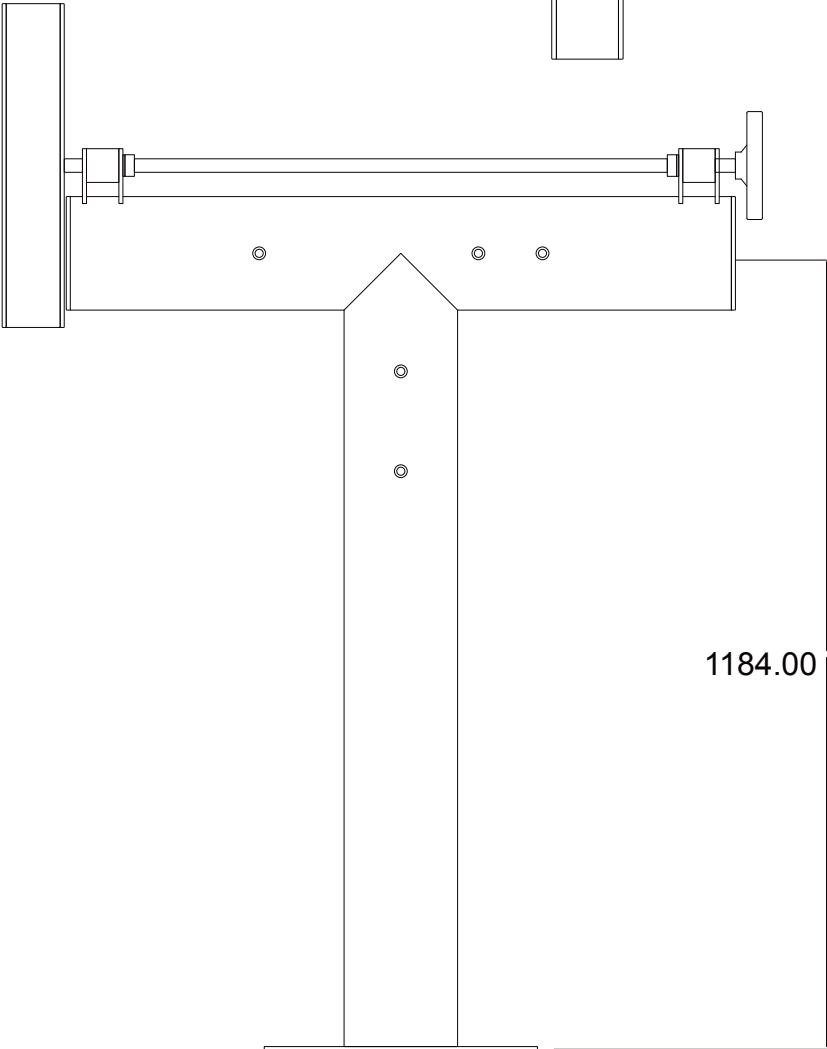
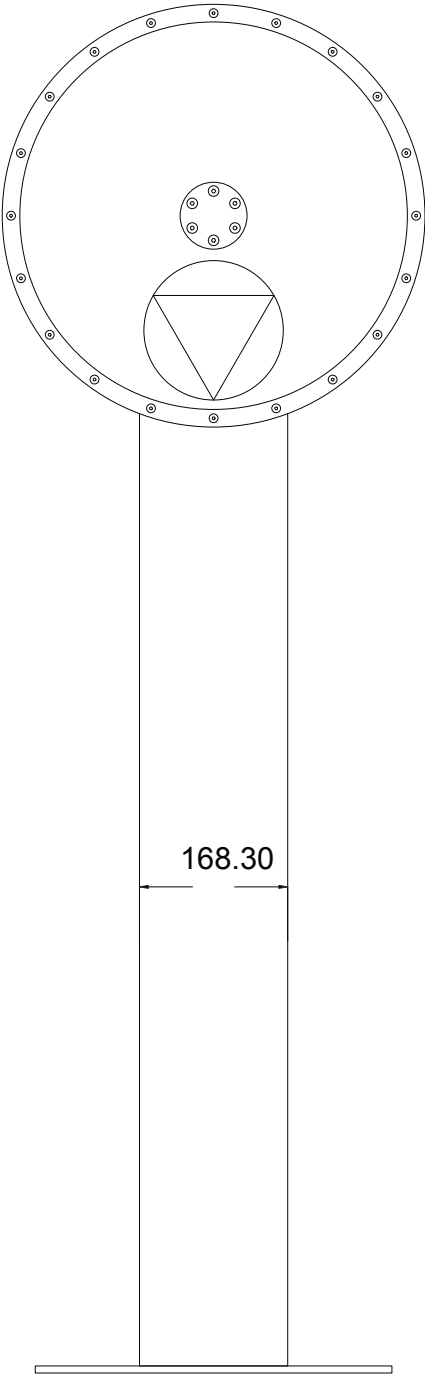
There is no integrated teleidoscope function, stool or expanded base . Viewers will solely be able to look into the kaleidoscopic patterns created from spinning the wheel with seasonal shapes and will not be able to take a look at the surrounding through mirrors.

Currently the kaleidoscope is fixed to 1184 mm in height from ground to eyeview - ideal for wheelchair users when sitting down and is approximate to a height of an average 6 year old. Adults will have to bend down to view into the device. Younger audience will have to be lifted to view or will have to tip toe. Target audience is equally both adults and children - making the artwork lower would make the sculpture difficult to use for adults.



**ACTUAL INSTALLATION
VIEW WITH TEST PIECES**

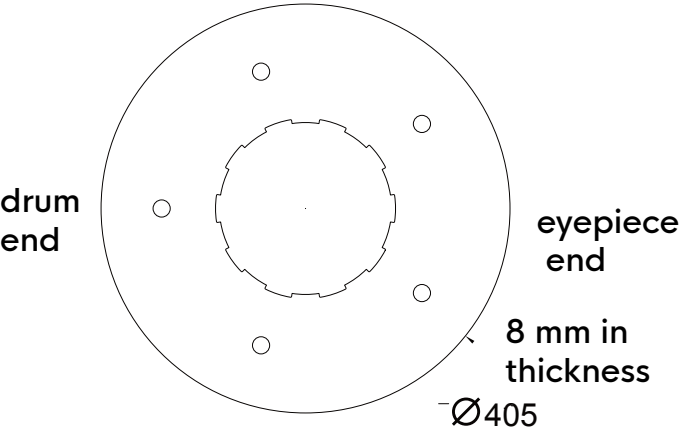
KALEIDOSCOPE MEASUREMENTS



Total kaleidoscope
weight: 115 kg

Total artwork height
with cut out side pieces
1797 mm

BOTTOM STAND



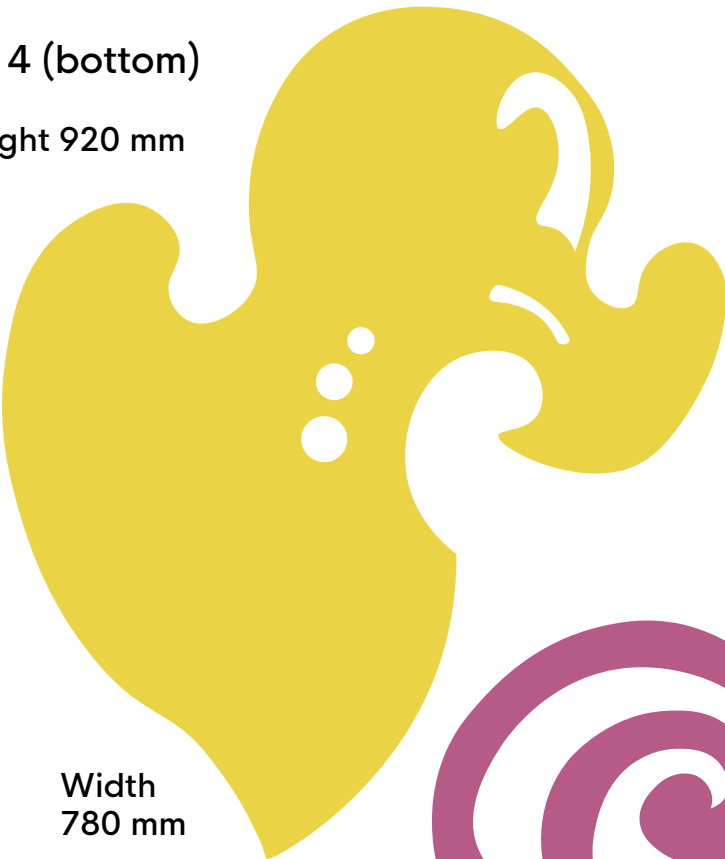
KALEIDOSCOPE BASE DEVELOPMENT



FRONT SIDE PARTS

Side parts are all 4mm in thickness

LAYER 4 (bottom)
Height 920 mm



Width
780 mm

LAYER 1 (top)



LAYER 2

LAYER 3



Width
600 mm

Height 955 mm



BACK SIDE PARTS

Side parts are all 4mm in thickness

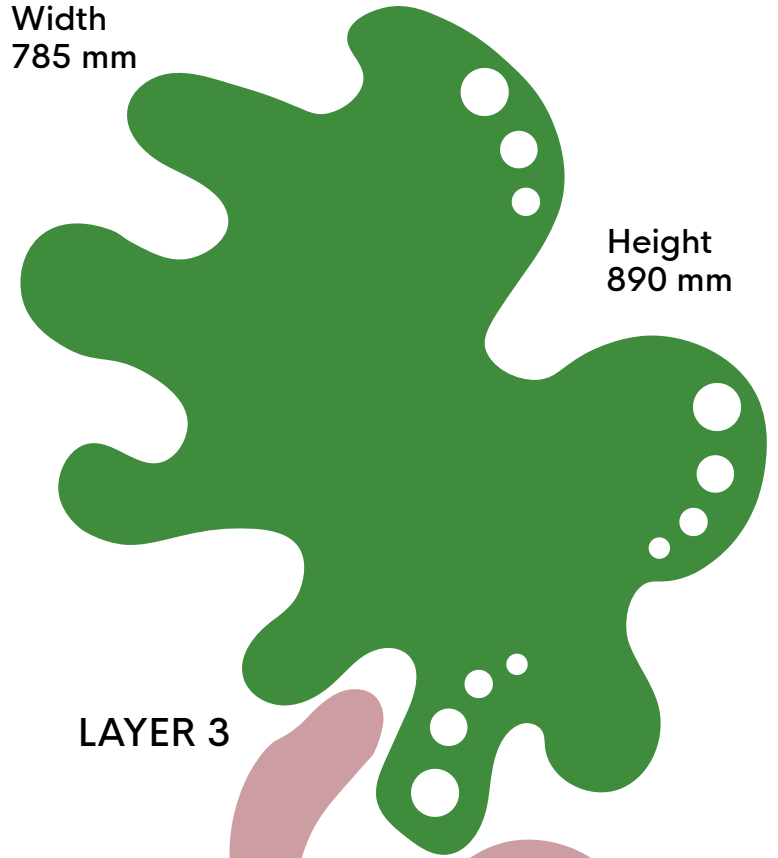


LAYER 1 (top)



LAYER 2

Width
785 mm



Height
890 mm

LAYER 3



Width
590 mm

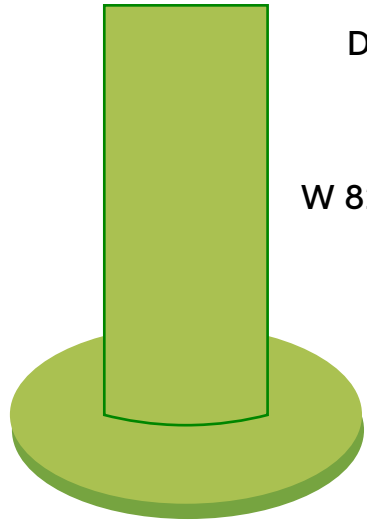
Height
615 mm

LAYER 4 (bottom)

KALEIDOSCOPE

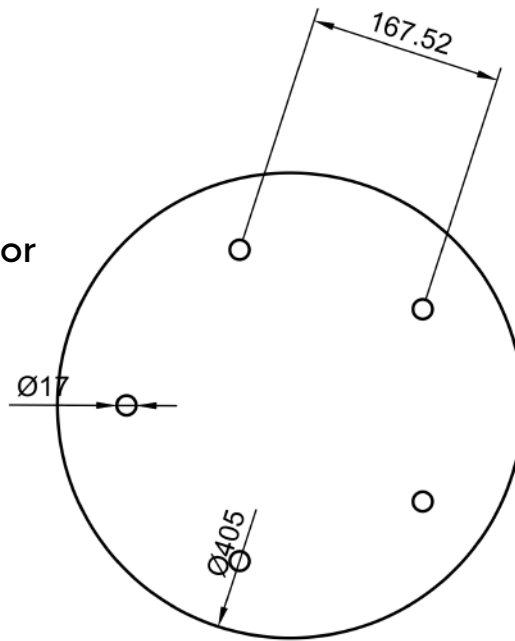
SCULPTURE FIXING

Artwork base is fabricated out of galvanised steel. This is the element that is attached to the concrete pad anchor

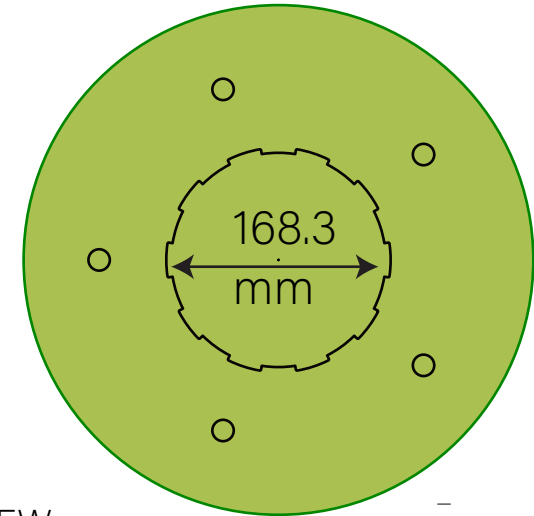


Artwork base is 8 mm in thickness

Diameter of the artwork base 405 mm
concrete base
W 825 x L 825 x D 500 mm



drum end

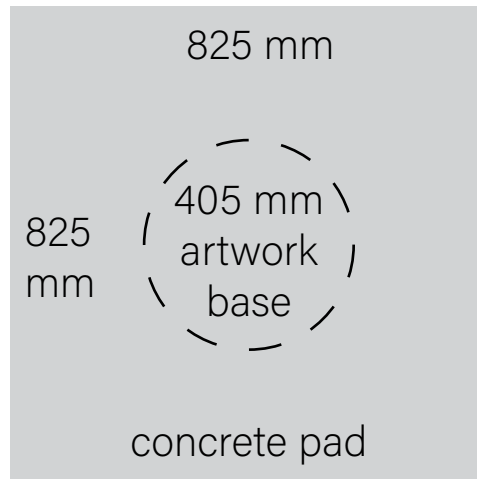


eyepiece end

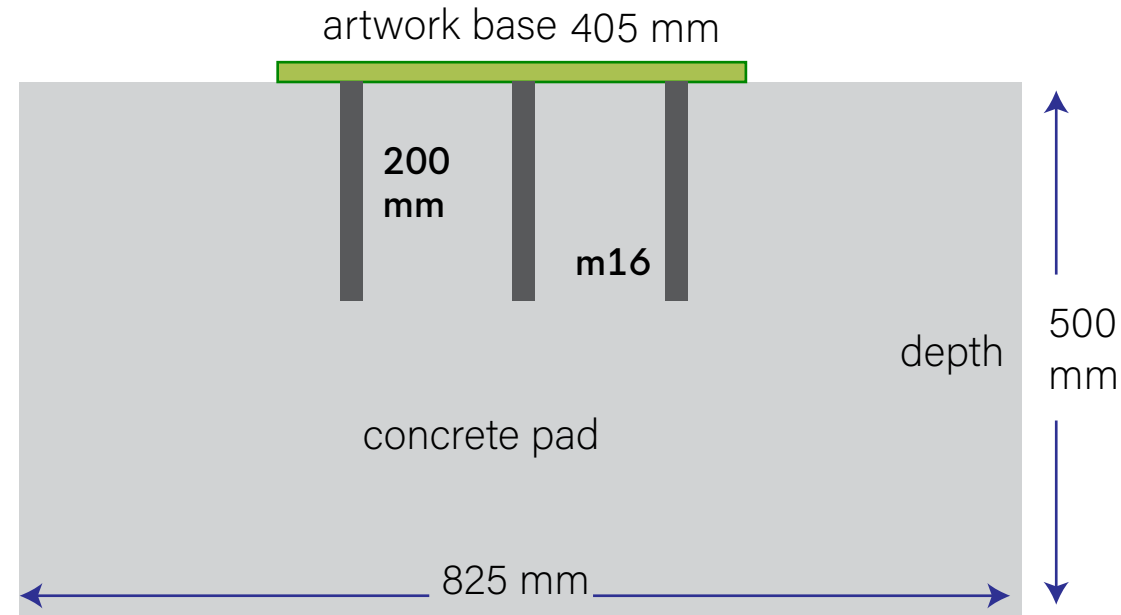
TOP VIEW

FIXINGS LAYOUT:

- 8mm galvanised and powder coated steel plate
- m16 SS threaded rod 200mm length
- SS security nuts, Loctite 268 threadlocker
- 20mm hole in concrete
- 17mm hole in plate
- Rawl R-KER-2 Winter grade quick set vinylester resin

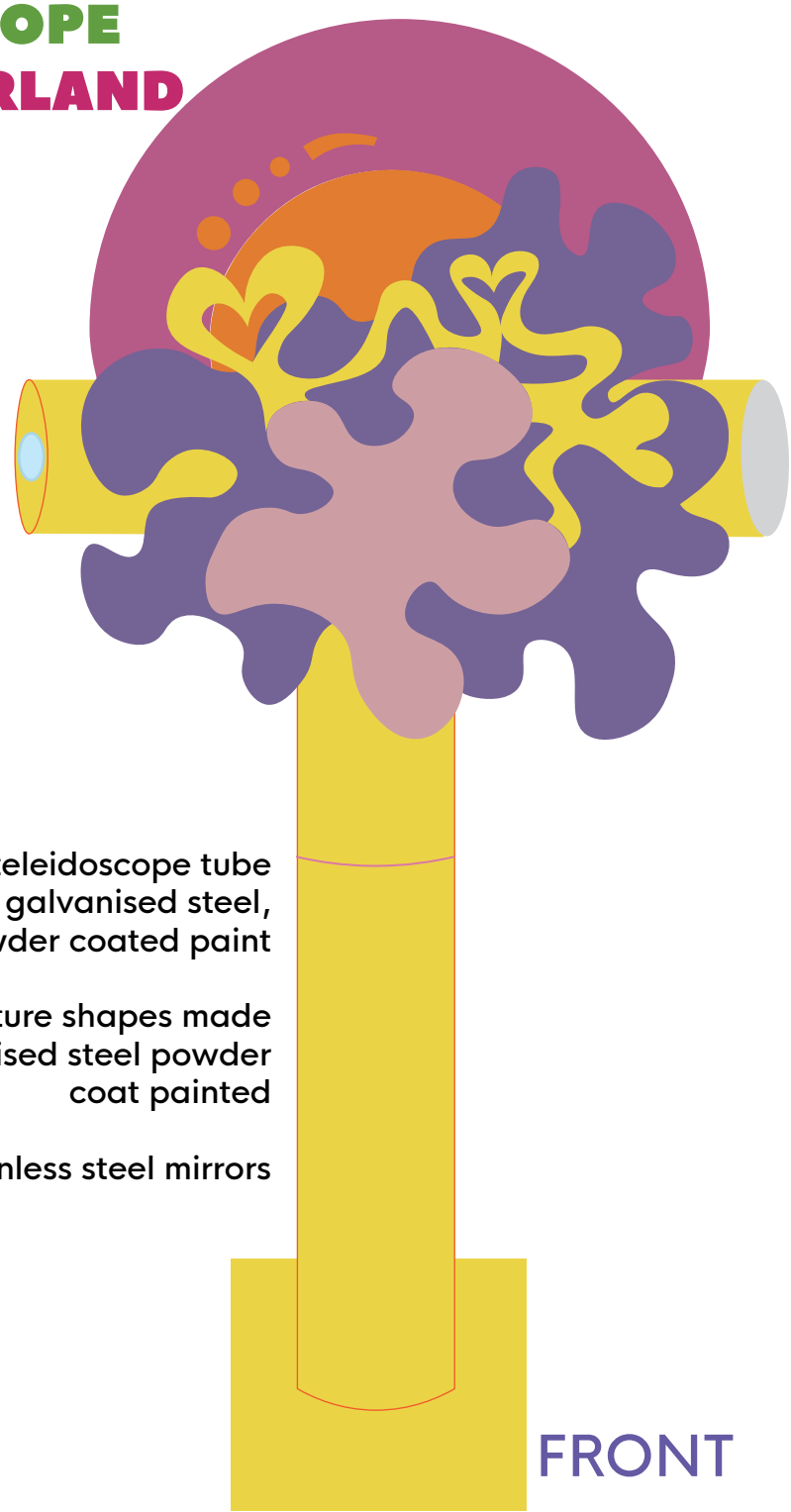


VIEW FROM BELOW



SIDE VIEW

TELEIDOSCOPE
AT CUMBERLAND
MARKET



Main stand and teleidoscope tube
made out of galvanised steel,
painted with powder coated paint

Laser cut sculpture shapes made
out of galvanised steel powder
coat painted

Stainless steel mirrors



Total teleidoscope
weight: 125 kg

Total artwork height
1671.5 mm

Stand diameter
405 mm x 405 mm

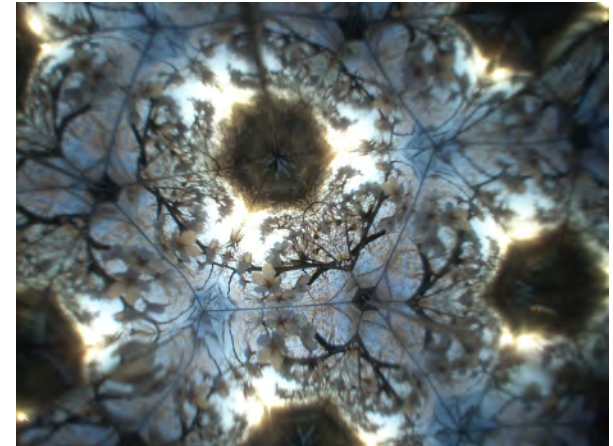
TELEIDOSCOPE

UPDATED FUNCTIONALITY

Teleidoscope does not have a kaleidoscope function. The sculpture has an open mirror tube construction and no kaleidoscope drum, allowing the viewer see the surrounding scenery through the prism of mirrors with no drum shapes in view.

The teleidoscope moves on the horizontal axis, gently moving left to right with the view of 360 degrees of the area.

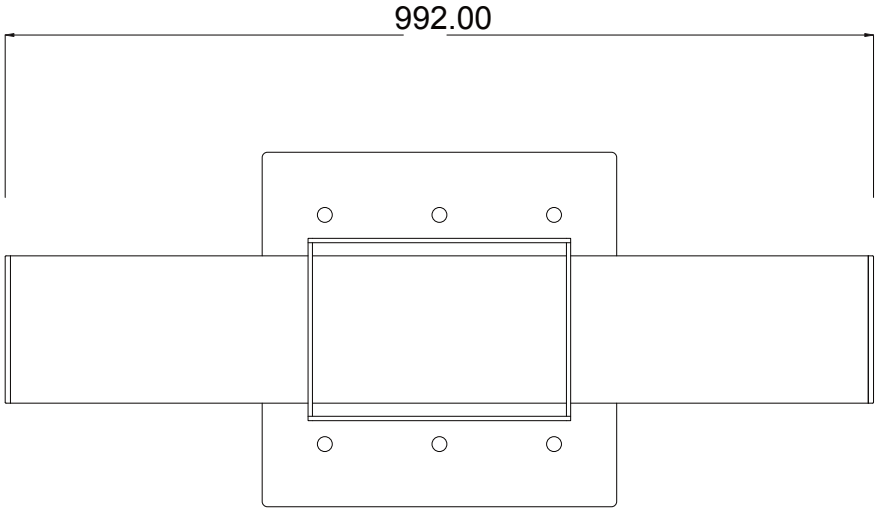
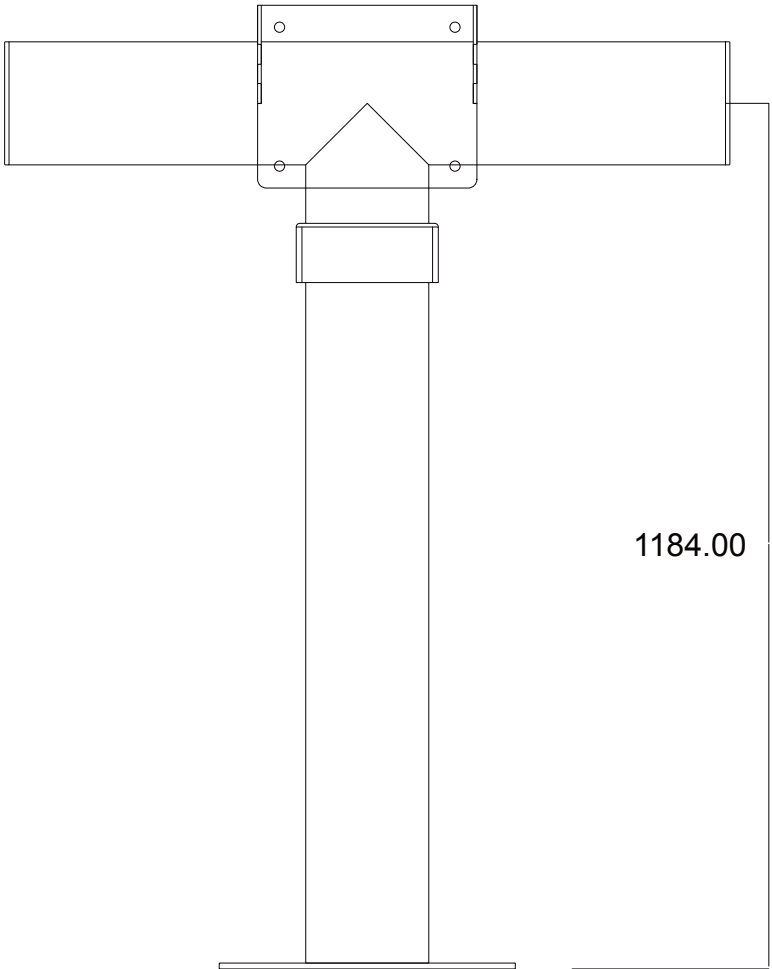
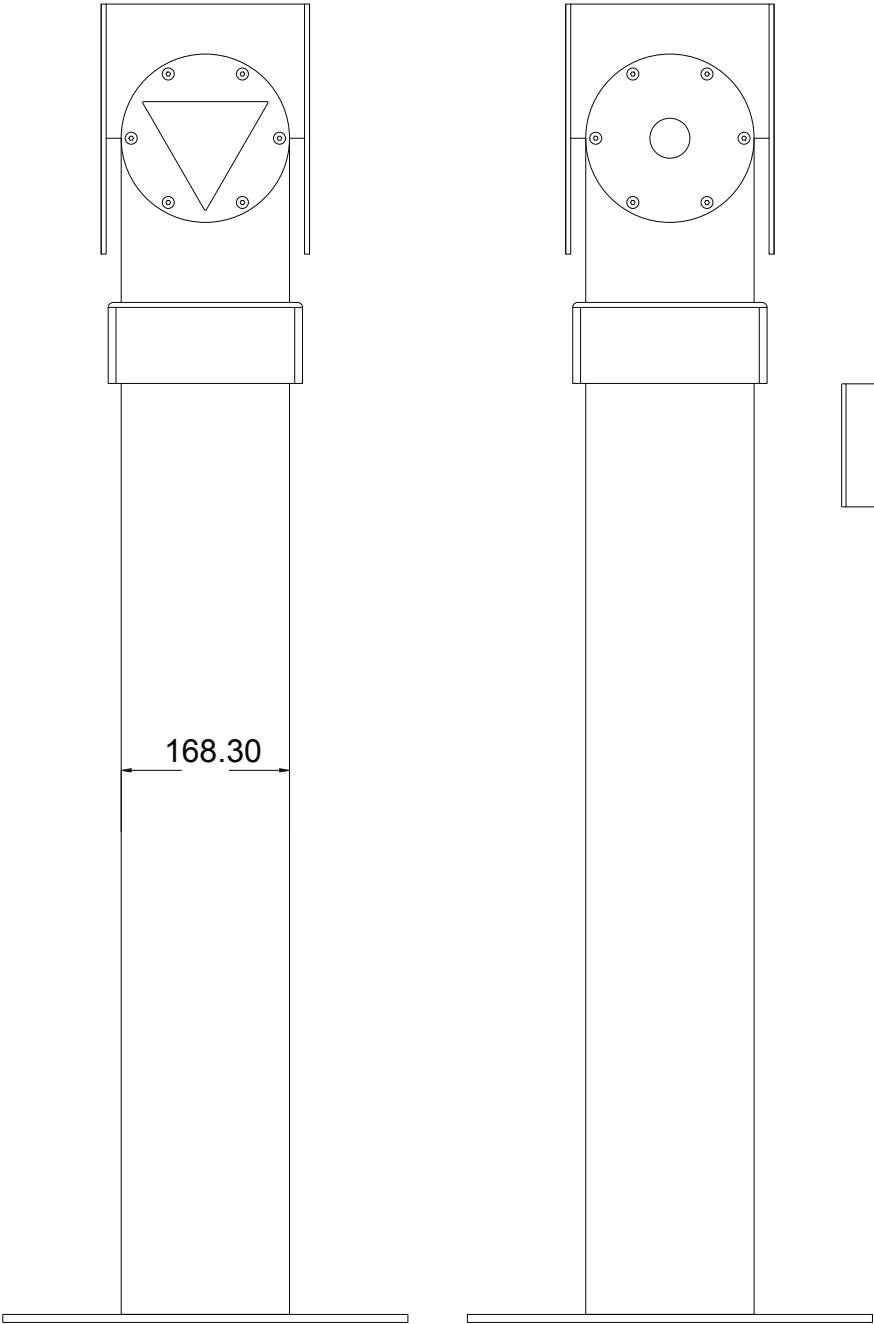
There is no integrated stool due to budget restrictions. Currently the teleidoscope is fixed to 1184 mm height from ground to eyeview - ideal for wheelchair users when sitting down and is approximate to a height of an average 6 year old. Adults will have to bend down to view into the device. Younger audience will have to be lifted to view or will have to tip toe. Target audience is equally both adults and children - making the artwork lower would make the sculpture difficult to use for adults.



**TELEIDOSCOPE
MIRROR LENS VIEW**

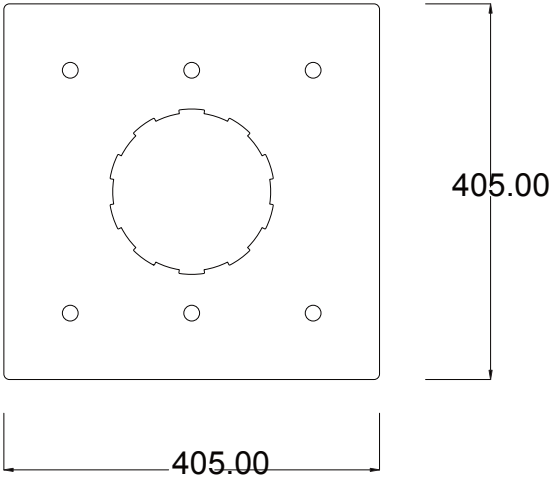
TELEIDOSCOPE

MEASUREMENTS



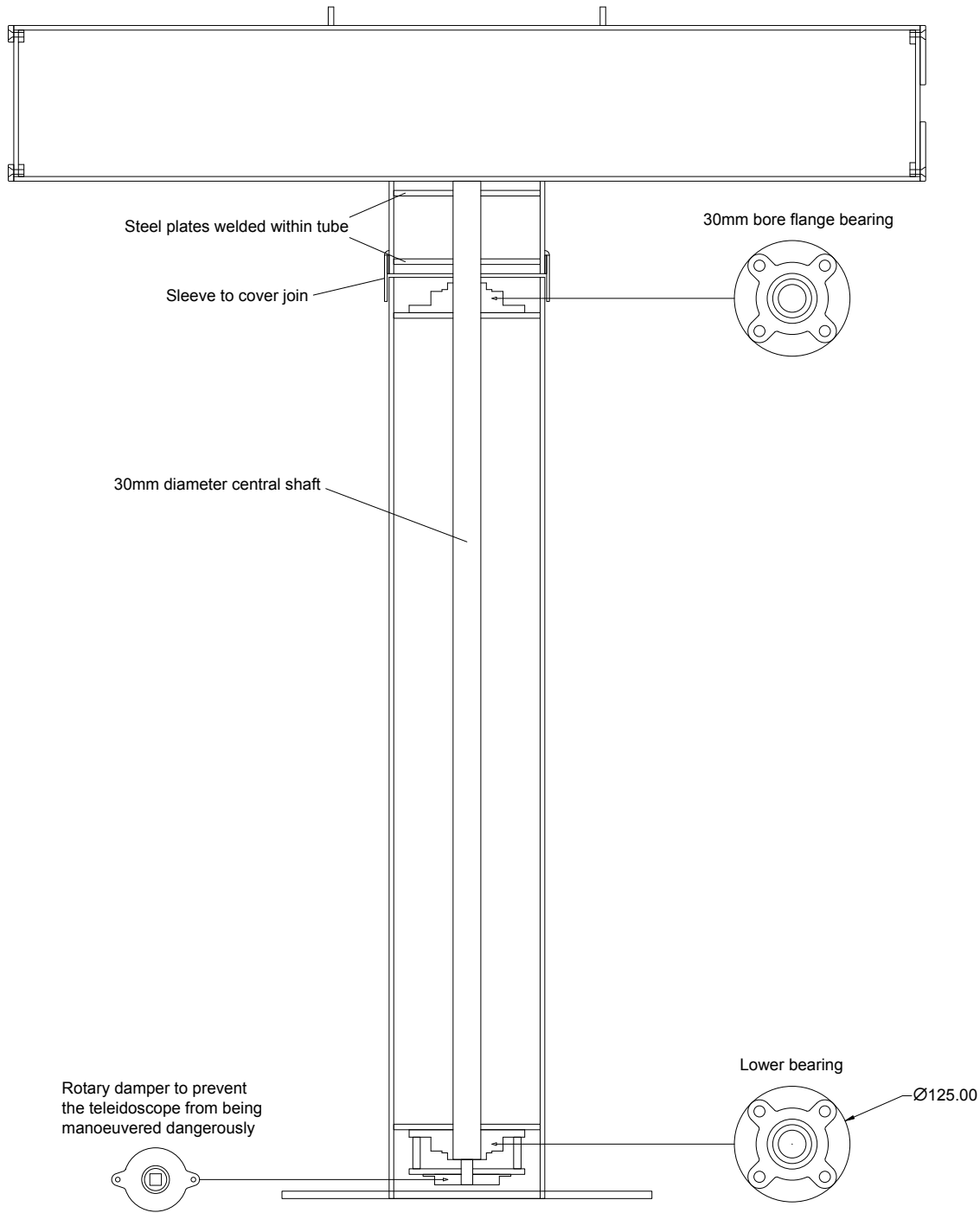
Total teleidoscope
weight: 125 kg

Total artwork height
including lasercut side
shapes: 1671.5 mm



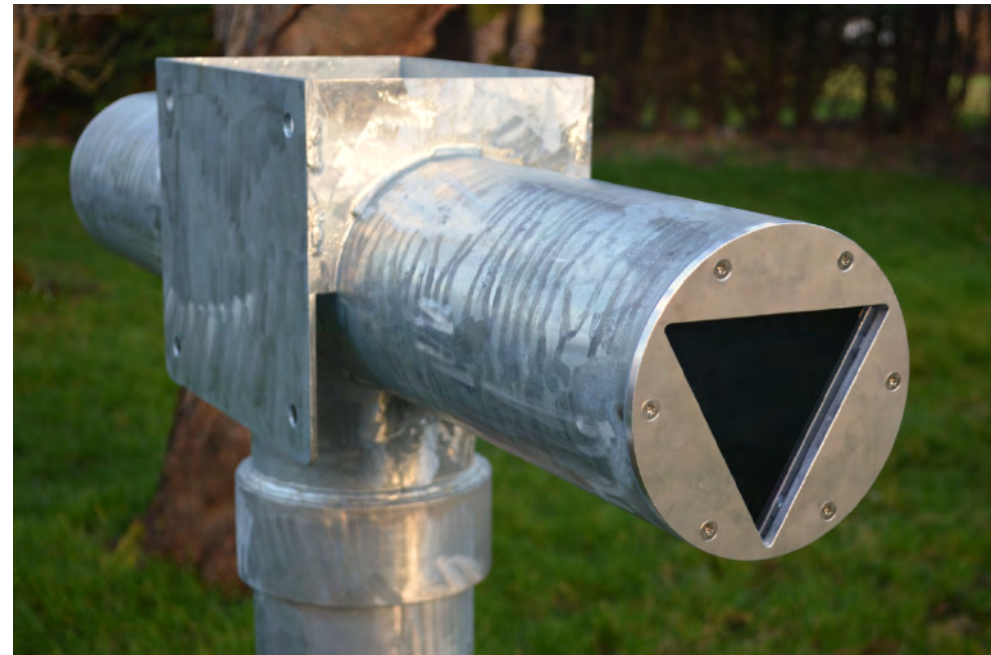
BOTTOM STAND

SECTION D-D (SEE SHEET NO. 6)



Project:	WONDERSCOPIES
Drawing title:	Teleidoscope section
Date:	30th December 2024
Revision:	0
Scale:	1:5 @ A3 All dimensions in mm
Sheet:	7 of 8

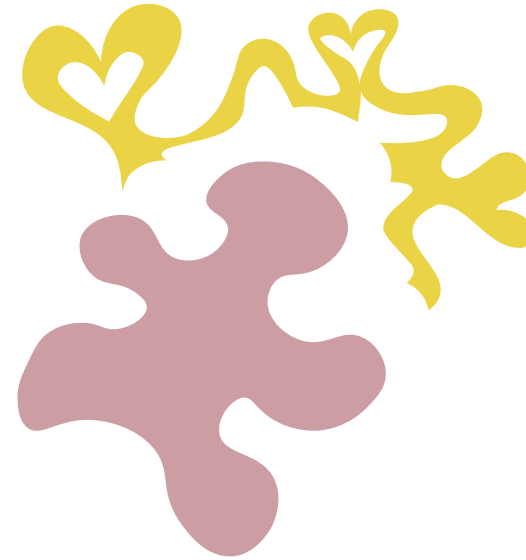
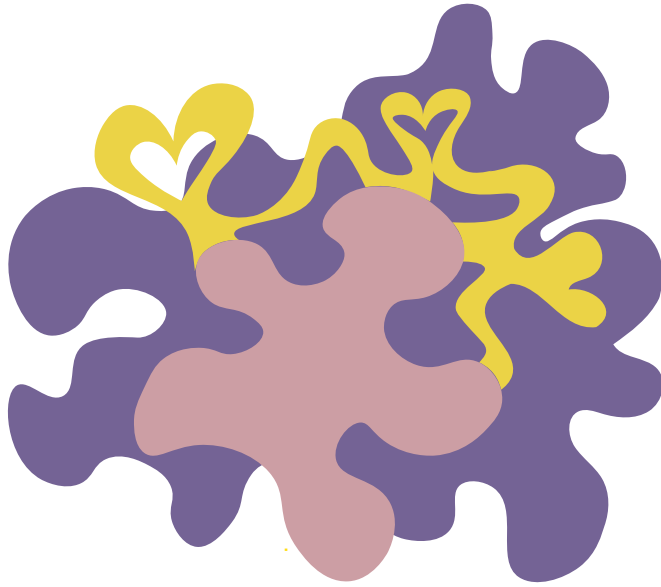
TELEIDOSCOPE BASE DEVELOPMENT



FRONT SIDE PARTS

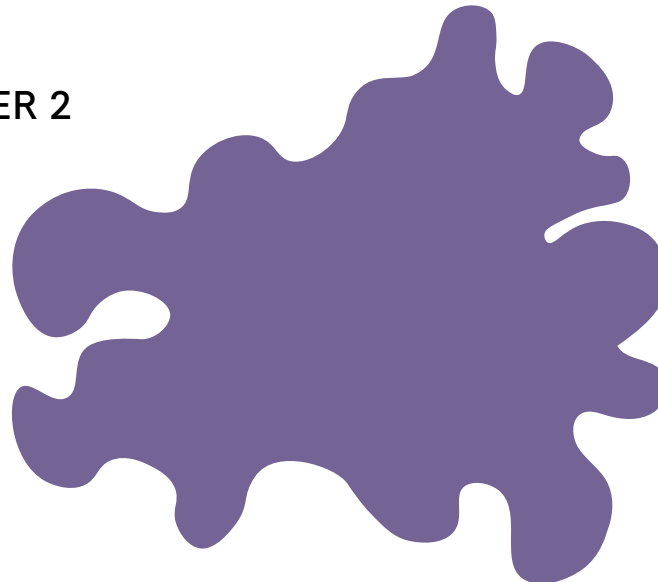
Side parts are all 4mm in thickness

LAYER 1 (top)



LAYER 2

Height
765 mm



Width 870 mm

BACK SIDE PARTS

Side parts are all 4mm in thickness



BACK SIDE

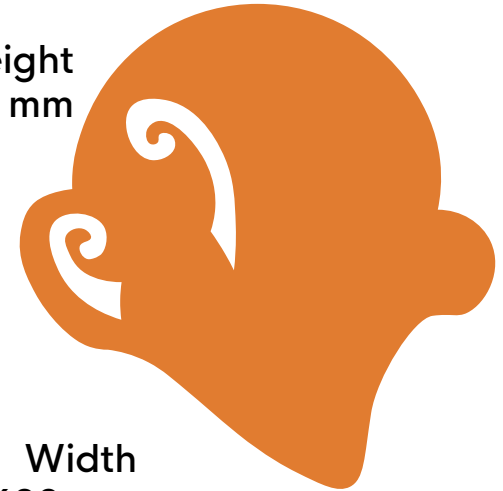
LAYER 1 (top)
laser cut outs
remainders from
Kaleidoscope

LAYER 2



LAYER 3

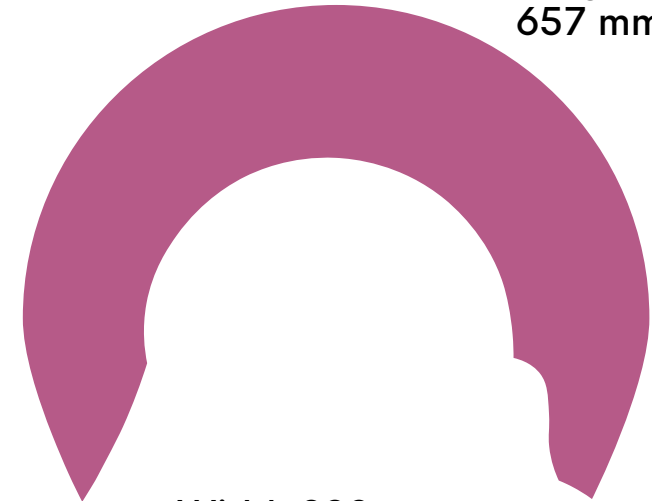
Height
640 mm



Width
630 mm

LAYER 4

Height
657 mm



Width 830 mm

LAYER 5 (bottom)
only visible from the FRONT
laser cut outs remainders
from Kaleidoscope



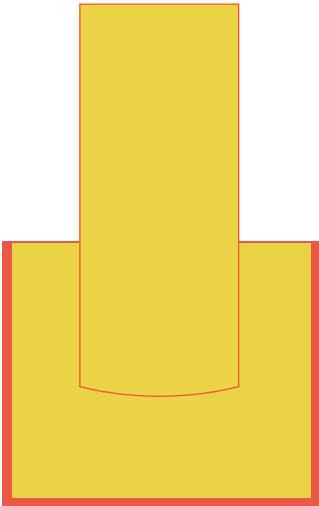
what's visible
from the
FRONT SIDE



KALEIDOSCOPE

SCULPTURE FIXING

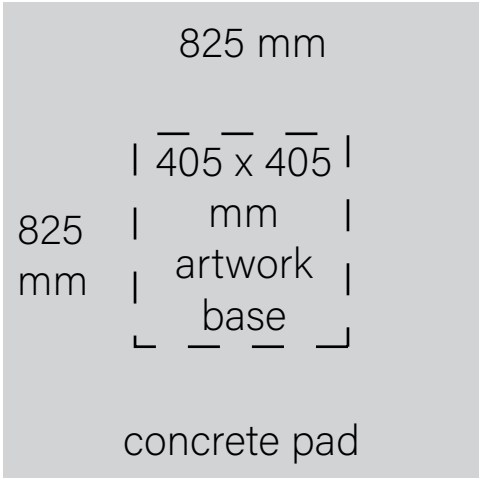
Artwork base is fabricated out of galavanised steel. This is the element that is attached to the concrete pad anchor



Artwork base is 8 mm in thickness

FIXINGS LAYOUT:

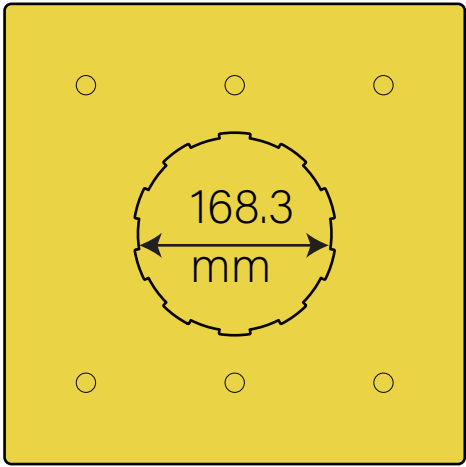
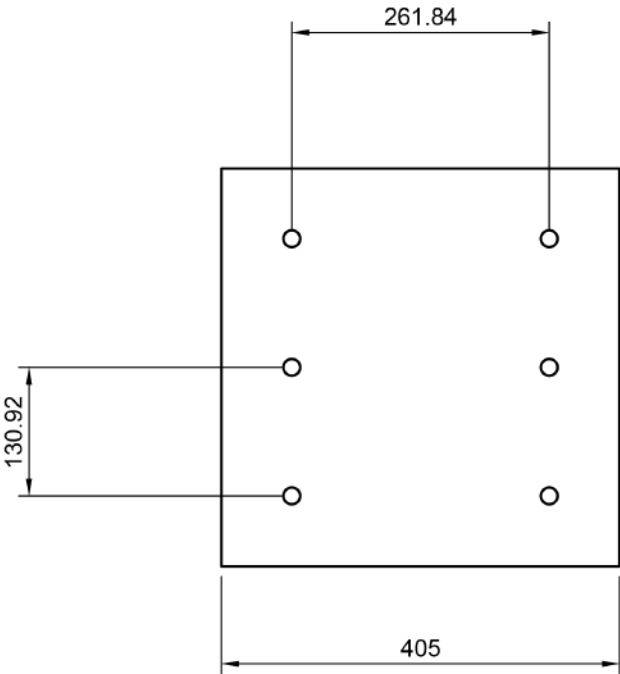
- 8mm galvanised and powder coated steel plate
- m16 SS threaded rod 200mm length
- SS security nuts, Loctite 268 threadlocker
- 20mm hole in concrete
- 17mm hole in plate
- Rawl R-KER-2 Winter grade quick set vinylester resin



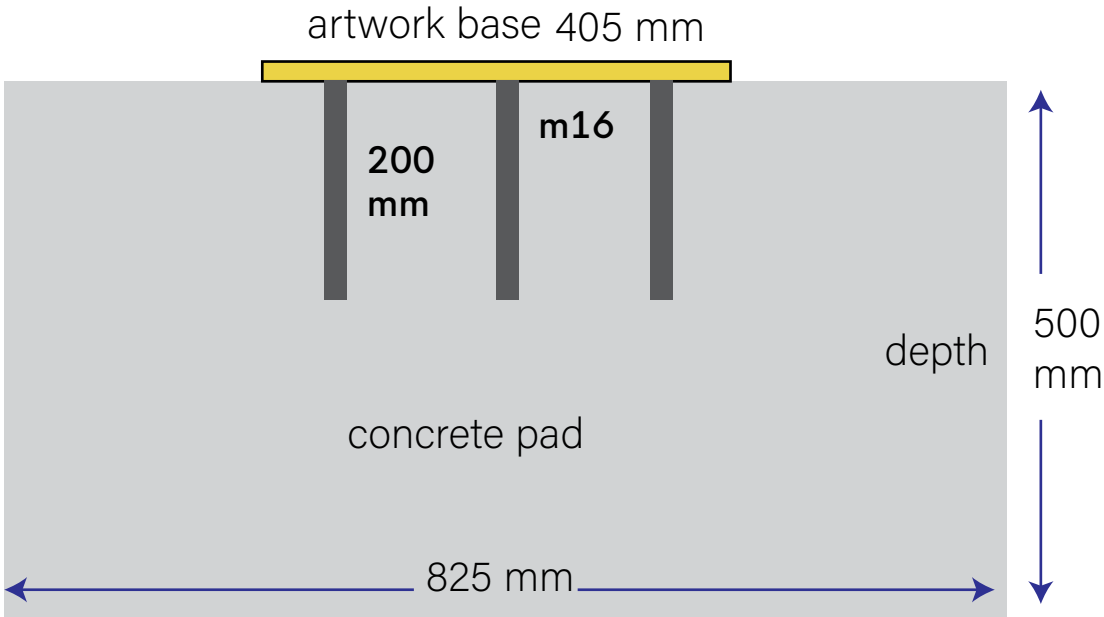
VIEW FROM BELOW

Artwork base
405 x 405 mm

concrete base
W 825 x L 825 x D 500 mm



TOP VIEW



SIDE VIEW