

CONFIGURATION

Geodesic Dome - Icosahedron

Class 1

Zenith Z

Radius 4389

Frequency 3

Number of nodes 47

HUBS

Number of hubs 46

Number of types 9

PANELS

Number of panels 75

Number of types 8

Surface area 96 m2

Largest panels 1,439

Smallest panel 1,083

Largest minimum width 1555 mm

Volume 122 m3

STRUTS

Number of struts 120

Number of types 8

Total length 207 ml

Longest strut 1851 mm

Shortest strut 1510 mm

Maximum end-angle 12,17

Minimum end-angle 9,90

DOME METRICS

Dome height 3613 mm

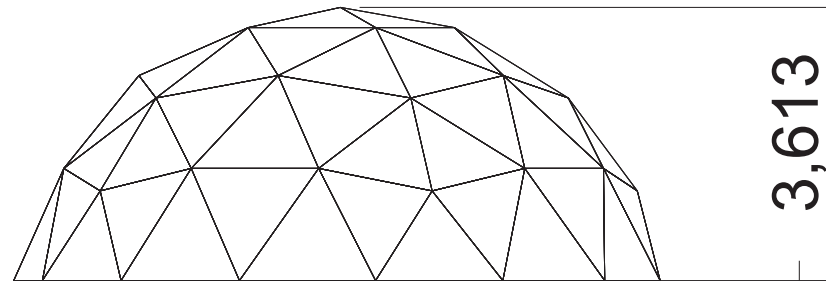
Base radius 4320 mm

Spherical radius 4389 mm

Cut plane 0,0

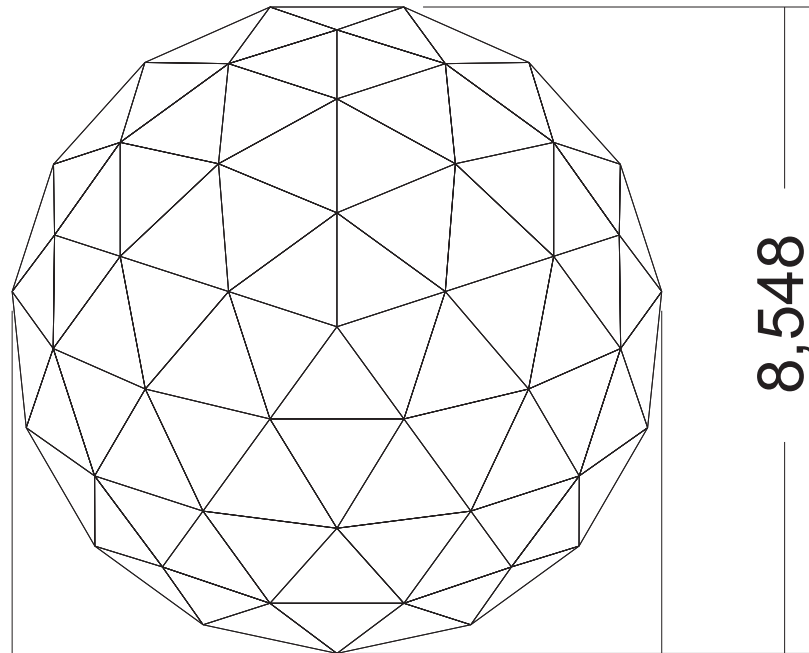
Base leveled

Base expanded



8,548

3,613



8,590

8,548