

CONFIGURATION

Geodesic Dome - Icosahedron

Class 1

Zenith Z

Radius 7,258

Frequency 4

Number of nodes 72

HUBS

Number of hubs 71

Number of types 12

PANELS

Number of panels 120

Number of types 14

Surface area 238,447

Largest panels 2,408

Smallest panel 1,493

Largest minimum width 2,042

Volume 471,552

STRUTS

Number of struts 190

Number of types 13

Total length 407,522

Longest strut 2,367

Shortest strut 1,759

Maximum end-angle 9,38

Minimum end-angle 6,94

DOME METRICS

Dome height 5,343

Base radius 7,000

Spherical radius 7,258

Cut plane 1,000

Base leveled

Base expanded

