

DOME ARTIFICIAL SKY



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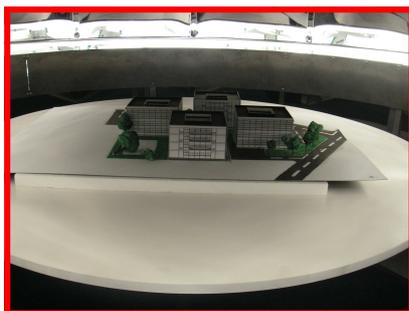
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The Artificial Sky is used to simulate diffuse sky and to measure the clarity of the sky penetrating into the building through openings. It can also simulate the standard overcast sky condition, given either uniform luminance or the CIE luminance distribution. By conducting model study, it can be used to predict daylight penetration into any building.

It is design and build of a semi-circular dome 4m in diameter by 2.5 m high, and finished with highly reflective ceiling surface. It is fitted on the inside with fluorescent light to simulate clear sky.



DOME Artificial Sky



Sample of Building Model

Technical Specification: -

Model	: AS - DO - 201	Power Supply	: 240V DC Power Supply , Switch Board and Adjustable Light Control
Room Size	: 2.5 (H) x 4.0 (Ø) m	Light Source	: 8 Sets Fluorescent Light Box with 16 units of Fluorescent Lamp
Mirror	: Highly Reflective Ceiling Surface	Light Source	: 4 Sets of Axial Rotating Light with 4 units of Fluorescent Lamp
Table Size	: 1000 (Ø) mm	Monitor	: 1/3 " Autoiris wide-angle lens & 14 " TV Monitor (Optional)