ARTIFICIAL SKY

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 simulates 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.

The rectangular artificial sky has a luminous ceiling and four strictly vertical walls lined with mirrors. The multiple reflections between accurately parallel opposing mirrors give an infinite horizon effect. The mirror glass absorption thought multiple reflections ensures a luminance distribution similar to that of the CIE sky.



SVG-Tech Sdn Bhd (941848-A)

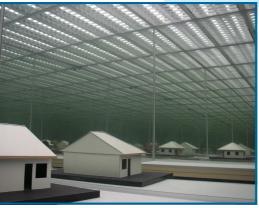
- Address: Jalan Putra Mahkota 7/4B **Putra Heights** 47650 Subang Jaya Selangor Darul Ehsan Malaysia
- : 603- 5191 8891 Phone Fax : 603- 5191 8892 E-Mail : enquiry@svg-tech.com

Distributor:



Multi Point Illuminance Measurement

Rectangular Artificial Sky



Sample of Building Model

Technical Specification: -	
Model	: AS - RLM - 102
Room Size	: 2.4 (L) x 2.4 (W) x 3.2(H) m
Mirror Size	: 2.4 (L) x 2.0 (H) x 0.005 (THK) m
Power Supply	: 240V DC Power Supply, Switch Board and Adjustable Light Control
Light Source	: 8 sets Fluorescent Light Box with 16 units of Fluorescent Lamp
Light Source	: 5 sets of down light with 5 units of Fluorescent Lamp
lluminance Meter	: 5 measurement point with data processing software (Optional)
Monitor	:1/3" Autoiris wide-angle lens & 14" TV Monitor (Optional)