Lightpipe™-Solar Lighting system (Wall mounted)

Specifications:

The Lightpipe™ Solar lighting system constitutes the following components:

1. Sun Light Collection System
2. Light Transfer System
3. Light Diffuser
4. Wall Flashing Plate
5. Fixing Accessories

1. **Sun Light Collection System:**

The Light Collection System has two components.

- **Sun Light Collector Cover:** The Transparent, Clear cover allows light to be collected across the sky from all directions.

  **Shape:** It should be moulded, Single Piece, Square in section, cuboid in shape.

  **Material:** UV co extended transparent polycarbonate for non yellowing.

  **Thickness:** To be formed out of 3mm thick clear polycarbonate sheet.

- **Light Deflection System:**
  The Light collector system is equipped with light deflection panels on all three sides for collection of light. The Aluminum reflector at bottom collects the secondary radiation.

2. **Light Transfer System:**

- Rectangular in section of size 600 x 400mm or 600 x 300 or 400 x 300 mm
- Material-Aluminum reflector cladded with 0.3 mm thick GI.

Skyshade Daylights Pvt Ltd
H.No.6-3-1216/141,Methodist colony, Kundanbagh, Begumpet, Hyderabad - 500016.
Phone: +91 40 66623392, Email: info@skyshade.in, www.skyshade.in
- Reflectivity: Not less than 95%
- Material thickness: Not less than 0.3 mm.
- Protection film: PE foil not UV resistant
- Diffuser: Polycarbonate
- Thickness: 2mm
- Wall flashing plate: GI, 0.6 mm thick.
- Warranty: 5 years.
  - Diameter: 750 mm, 530 mm, 400 mm

Shape: Cylindrical Shape

Total Reflectivity: Not Less than 95%.

3. **Diffuser:**

    Shape: It should be moulded, single piece Dome Shaped.

    Material: polycarbonate.

    Thickness: To be formed out of 2mm Thick sheet.

    Light Transmission: Not less than 80%.

4. **Roof Flashing Plate:**

    High raised heat flashing plate made of 0.6mm GI sheet and powder coated with Flashing on all sides.

    Lumen Output: 2300 lumens on clear sky condition of 1,00,000 LUX.

    Warranty: product warranty of 5 years.