



## Lightpipe™-Solar Lighting system (Wall mounted)

### Specifications:

Patent  
pending

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 clad with 0.3 mm thick Gl.

**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](http://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.

**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](http://www.skyshade.in)