



Taking the work environment  
closer to nature

**Eview Global Pvt Ltd**

# Services Provided by Eview

- Natural Light, Natural air and heat reduction Customised solutions.
- Natural, cleaner and Healthier work environment for improved work efficiency

# SkyPipe™ Natural lighting solution

## What is Day Light Harvesting

- Day lighting is lighting an indoor area with Natural Day light.
- This helps to avoid adverse effect of Static illumination/ over illumination / under-illumination by artificial light.

## How we react to Day Light

When we have excess day light we block it and switch on artificial lights.

When we do not have enough daylight we switch on artificial light.

**SkyPipe™ reduces artificial lighting energy cost resulting to Power Saving.**



# The working SkyPipe™ Day Light harvesting system



PC Dome collects and concentrates ambient day light. PC brought from a multi national company. UV stabilised.

Highly reflective tube delivers high light levels despite long tube or overcast for max illumination with reflectance of over 95 to 98+%. Patent of a multinational company

Frenzel Multi lens diffuser, diffuses light evenly in wider area. Patent of a Multinational company.

Commercial/Industrial/Ware House Applications

Can reduce total energy requirement appx by over 50%.

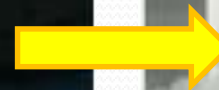
SkyPipe is tailored made for each requirement where it is to be installed.

# Quality of Light



- UV stabilized optical diffuser gives uniform and broader light dispersion.
- Can deliver day light even to dark corners
- The system is Aesthetic and creates better ambience.

Transformation of sheds after SkyPipe being installed.





SkyPipe™ Can reach  
under false ceiling.



# Stages of SkyPipe™ demonstrates the effect in the area



Poor quality of  
Natural Lighting  
thru Transparent  
sheets

Trial of SkyPipe for  
Natural Lighting along  
with Transparent  
sheets

High quality of  
Natural  
Lighting thru  
SkyPipe™



- **Avoids Roof top accidents**
- SkyPipes are clearly visible from a distance.
- Transparent sheets gets camouflaged due to dust settled over it allowing roof top accidents.

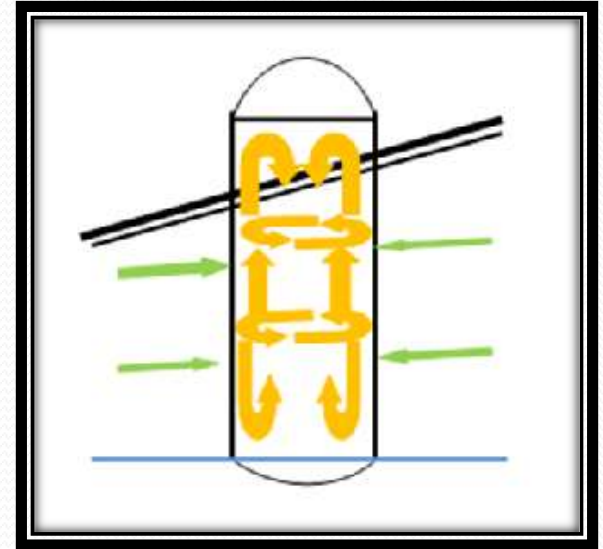
- **Almost zero maintenance**

- Dust does not settle as it is hemi spherical and designed accordingly. Maybe cleaned occasionally with a dry cloth.
- Works well till the structure lasts. Very long life.



# Minimal Heat Transfer

1. SkyPipe™ has a static air column which reduces the heat transfer.
2. Longer length tube further reduces heat transfer.
3. The surface area of SkyPipe™ exposed to the Sun is very insignificant.
4. Heat Insulation can be put from the inside to the roof which other wise not possible with Transparent sheets.



## SkyTube / Sky Light Ball (Cooler than AnyKool)



Typical picture Light collector. Diffused Lighting thru different diffusers

- No water logging due to its unique shape of light collector. A typical rectangle shape causes water logging on the roof top thus causing leakage in due course.
- Wide choice of Prismatic light collector material used to fit into requirement of any area, roof type and light level requirement.
- Made to order to fit into any roof type PEB structure and standing seam roof.
- Light collector does not yellow.
- Virtually no maintenance required for life time.
- Wide choice of diffuser material to suite any requirement.
- **Give pure white light, virtually no heat build up, no glare, UV stabilized material.**
- **Sealed air column virtually eliminates heat.**
- Gives more controlled light as compared to similar product.
- Comes in a wide choice of Double, triple and four skin options to suite any requirement based on geographical locations.

## **SkyTube / Sky Light Ball**

**Any roof structure, Any lighting requirement, Fits all budgets**

**Custom made / Made to order to perfect fit into any roof type shape or PEB structure including Standing Seam.**

Custom made / Made to order to suit the requirement lighting requirement of the area where it is to be installed.

Choice of different prismatic material for Light collector offered based on the requirement of the particular area and light level requirement

Frenzel Multi lens diffuser and other prismatic diffusers offered depending on the requirement, diffuses light evenly in wider area.

### **Commercial/Industrial/Ware House Applications**

**Can reduce total energy requirement appx by upto and even over 90% for day shift.**

# Replace Transparent sheets with SkyLamp-RFTS



- A perfect replacement for transparent sheets.
- Custom made as per the requirement of the area where it is to be installed.
- High grade of prismatic and other material used for light collector depending on requirement.
- Gives more controlled light performance as compared to transparent sheets.
- Drastically reduces heat build up as compared to Transparent sheet.
- Sealed air column virtually eliminated heat.
- Gives cool white natural light
- Virtually maintenance free for life.
- Very long life.
- More evenly diffused light due to high grade of diffuser used.

Cool Light panel for North light sheds with a 35 degrees tilt to give maximum light on the shop floor. Choice of a range of diffusers.



# SkyPipe™ Cool Light panels



- SkyPipe™ Cool panels are an efficient, effective and high quality alternative to side wall transparent sheets, which
  - Gets yellow in a few years.
  - Allows heat during peak summer season.
  - Is not UV and IR protected.
  - Gives diffused light and does not penetrate deep inside the area.
- The sealed multi layer panel with the outer shell is UV stabilized with IR protection coating blocking most of UV and IR.
- The sealed air column providing air cushion against heat and cold by specially designed chambers.
- The inner shell is of custom made multi lens diffuser for day light specially designed for wider spread of light to the interiors thus illuminating wider and deeper inner space.
- **Standard size 3' X 2' . MOQ will be 20 units.**
- **The size can be custom made with length in multiple of 3'.**





# Natural Air circulation solution

## SkyPipe™ Turbo



- Meets the need for Natural Light and air circulation.
- Ensures Effective and uniform Light and Air circulation.
- No power cost for Light and air circulation.
- Common roof opening for SkyPipe™ and turbo thus maintaining the strength of the roof.
- Effective in releasing hot air and fumes from the inside without maintenance.
- Water seepage and dust thru turbo fins will not enter the shed during very strong wind.
- Open able duct option in case cleaning required.
- Cost effective as no additional installation cost.
- 100% customized design as per the areas requirement.

# Total day Lighting and Air circulation solution with installation of SkyPipe Turbo and Louvers.

## Louvers.

For air circulation and natural lighting.



A combination of SkyPipe turbo and Louvers helps in

- Total Natural / day lighting solution.
- Wind powered air circulation even during non windy days.





## ● Other Customised natural air flow solution

(new Development)

- Air powered turbine powered in combo with solar power or grid power to give a regular air change.
- Helps in extracting stale air, fumes and heat from the inner space.
- Improves and gives healthier inner work environment thus increasing efficiency and health.

## Size, Type, Lux, Length & Coverage

Size in MM / Eq. watts (appx)	Floor to diffuser height	*Lux level Average with ambience lux of 150000	Maximum Length Allowed based on site conditions.	# Coverage area from roof / Sq. Feet
300 / 120	<= 3mtrs	325 to 375 +	3 to 5	200 to 250
400 / 200	<= 5 mtrs	300 to 350 +	6 to 8	350 to 400
500 / 280	<= 9 mtrs	225 to 275 +	8 to 10	450 to 550
600 / 360	<= 12 mtrs	150 to 200 +	3 to 5	550 to 650
700 / 440	<= 15 mtrs	125 to 175 +	1.2	800+

Manual dimmer

Optional. Recommended for conference rooms and offices

Angles

Up to 90

Thru side wall

As per requirement

# Subject to floor layout

Installation done by our specialised team trained for the installation.

The pipe and diffuser are custom made for the purpose.

\* Subject to weather conditions and length of the pipe used. Indicative

# Before and after SkyPipe™



# Installations of SkyPipe



# Human Benefits of Daylight

- Human body functions are affected by patterns of light & dark.
- Specifically by blue light waves found only in daylight.
- Studies worldwide suggest
  - natural dynamic light helps us maintain hormonal balance and provide us with likes of vitamin D etc and that productivity is enhanced in natural light,
- Daylight connects people with the natural environment outside, and people feel happier and less fatigued in natural daylight.
- Daylight is widely accepted to have a positive psychological effect on the humans.
- In recent years, work has taken place to recreate the effects of daylight artificially without much success.

# About Team Eview

- Group of young professionals qualified from M. Tec MIT (USA), M. Tec IIT Kanpur, PG from IIFT Delhi.
- The team has worked in the industry with experience ranging from 12 years to 22 years.
- The team has worked in large organizations in India and abroad as CEO, COO, Head of marketing, CTO, Head of various departments.
- The team consists of varied experience ranging from top management right to the floor level implementation of projects.

## Our satisfied customers. (Not exhaustive list)

1. Mahindra and Mahindra
2. Hindustan Uni Lever
3. Tata motors
4. Ichapur rifle Factory.
5. Dumdum Ordinance.
6. Bosch
7. Bajaj Auto
8. IFFCO
9. Essar Oil
10. Apollo
11. Sula Wines.
12. Godrej Industries.
13. Siemens
14. Shree Cement
15. Pidilite
16. Arvind Mills
17. Cummins
18. Saint Gobin
19. Ashok Leyland
20. Phoenix Mecano
21. Hindustan Rubber
22. Balmer Lawrie-Van Leer Ltd
23. Sushruta Hospital
24. KSRTC
25. UPL
26. Zennith Rubber
27. Schneider.

**For more details please visit**  
**[www.eviewglobal.com](http://www.eviewglobal.com)**

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