

Solight

Channeling Sunlight Into Buildings

רשות החדשנות
Israel Innovation
Authority





90% of our life indoors

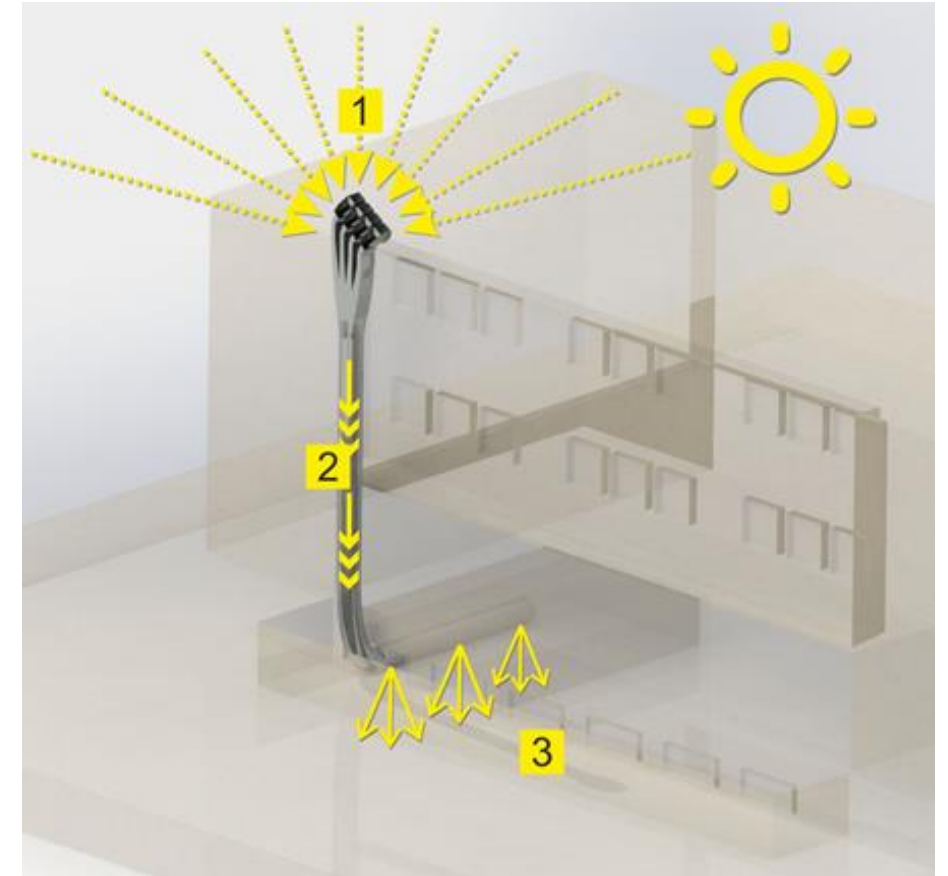
Low Quality of Light = Low Quality of Life

Wasting fossil fuels

30,000€ average lighting costs of
commercial buildings

- ☀️ Patented solution delivering Sunlight indoors
- ☀️ Significant energy saving up to 40% on Lighting & HVAC bills.
- ☀️ Suitable for retrofits and new buildings.
- ☀️ A static system - minimal maintenance / extended durability.
- ☀️ Enables complying with EU Daylighting STD EN17037

Typical SOLIS Basement Installation



1. SOLIS sunlight collector.
2. Reflective light-guide.
3. Light distribution module.

SOLIS Max



30,000 lumens

Large Industrial & Commercial Applications, 60 sqm; 20m transport.

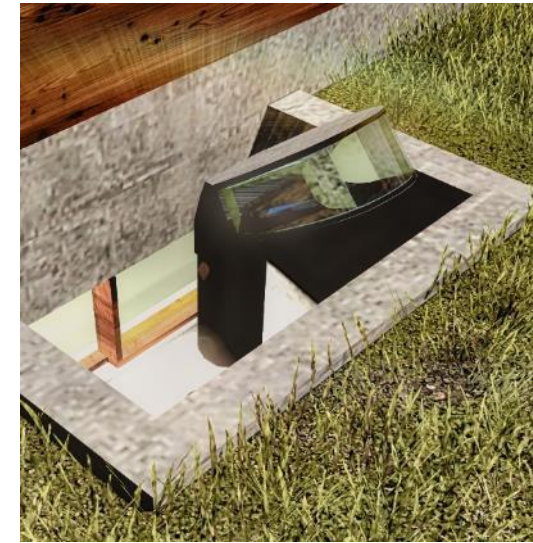
SOLIS Versa



7,000 lumens



Residential & SOHO
12~25 sqm; 5m transport.

SOLIS DIY Mini



2,000 lumens

DIY kit for Off-Grid, Caravans, and Basements via egress windows.

Product	Annual Lighting/Price Lumens/€ (ROI)	Cloudy	Uniform Lighting	Customized Heating
Solight Max Collector Sunlighting 2.0 	9.5	X4 Better	Yes	Yes
Simple 1 Gen tubes 20 years old tech 	3.5	No	No	No

- Normalized for 1 square meter; Nominal average annual values @100K Lux Sun; @Nuremberg, Germany.
- **A SOLIS add-on can greatly enhance existing tube installations as shown here!**

Indoor Agriculture



Improves Alzheimer, Bone Building, Sleep Quality



Shortens hospitalization periods 41%~16%



12%~18% improved worker productivity



Improved student learning progress by 20%~30%



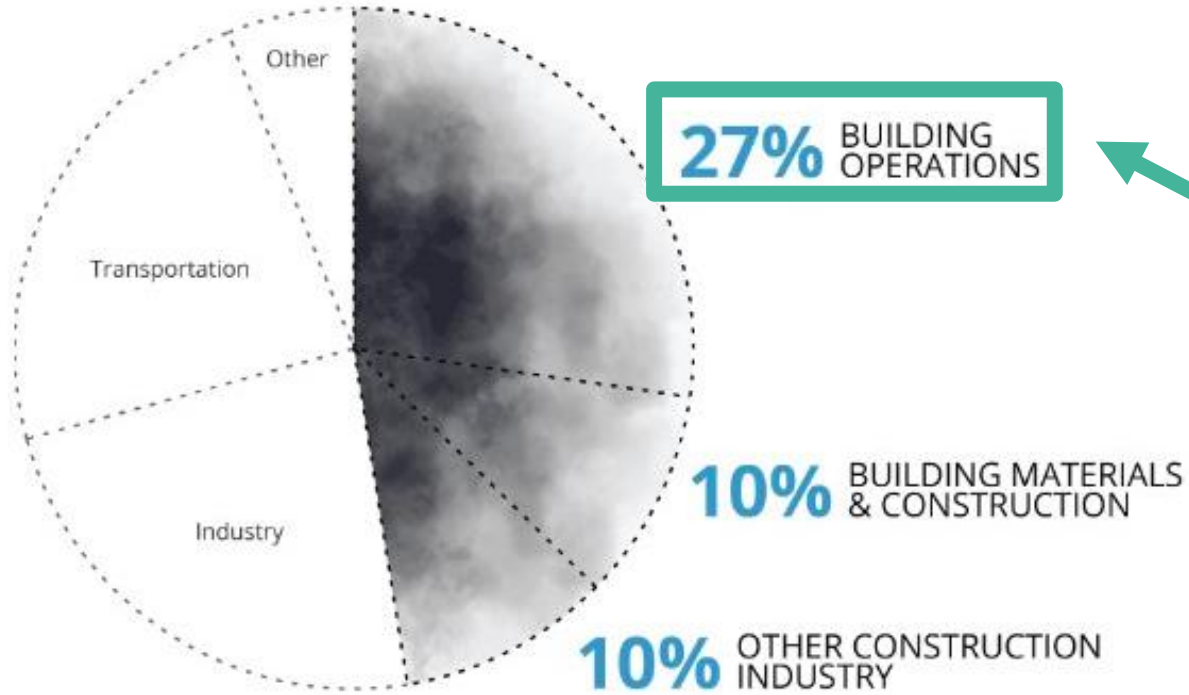
25% Increase in Sales



Table A.1 — Recommendations of daylight provision by daylight openings in vertical and inclined surface

Level of recommendation for vertical and inclined daylight opening	Target illuminance E_T lx	Fraction of space for target level $F_{\text{plane},\%}$	Minimum target illuminance E_{TM} lx	Fraction of space for minimum target level $F_{\text{plane},\%}$	Fraction of daylight hours $F_{\text{time},\%}$
Minimum	300	50 %	100	95 %	50 %
Medium	500	50 %	300	95 %	50 %
High	750	50 %	500	95 %	50 %

NOTE — [Table A.3](#) gives target daylight factor (D_T) and minimum target daylight factor (D_{TM}) corresponding to target illuminance level and minimum target illuminance, respectively, for the CEN capital cities.



SOLIS Max
1K units =
-859
tCO₂ eq/year

validated in June 2022
 validation id:
JW0025
 Verifyable at
www.impact-forecast.com

SOLIGHT LTD

Mitigates climate change with an impact reduction potential of:

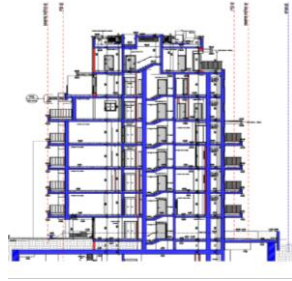
-859

tCO₂eq / year

- Validity of forecast ■ Valid
- Impact compared to baseline ■ Positive
- Magnitude of impact ■ Significant



Sheltered Residence
Pool & Gym 124K €



Urban Renovation X5
Tel-Aviv, 7 floors, 250K €



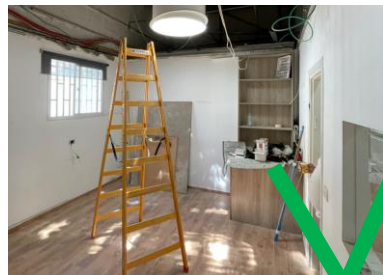
Shabazi 7 Project
High-End Residential 66K €



HP Indigo, Production Site
Kiryat-Gat, 143K €



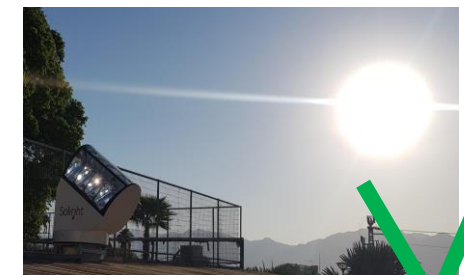
Moriah Kindergarten,
Ramt-Gan



SIBF SOHO X2
Beer-Sheba Israel



Kedma Hotel Lobby
Sde-Boker 300K €



Education Facilities, Eilat,
>80 class-rooms, 300K €



[Kedma Timelapse X1800](#)

1st large scale commercial SOLIS project,
Kedma Hotel, Sde-Boker, Israel.



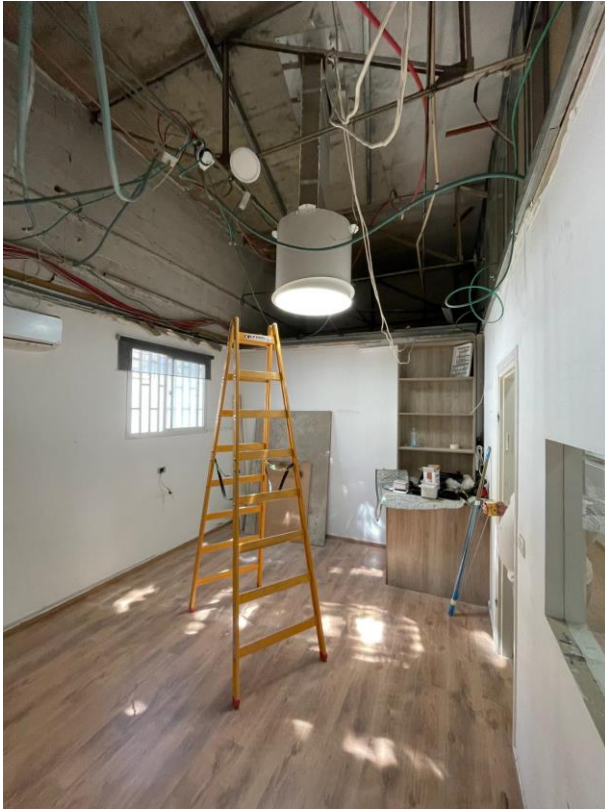


SOLIS fully external Retrofit, no change to the building, North-Side installation.

[SOLIS Versa Timelapse](#)



Before: 60 Lux
SOLIS Versa: 240 Lux



SOLIS Versa through the roof and South-Side installation for Offices.



Eilat Education Facilities: Enhancing Learning and Adolescent Sleeping Patterns





SOLIS Max – Slate Roof, 2 point retrofit performed in 3 weeks from order.





SOLIS Versa, Extra-Long Distance SOHO
8.5 Meter in a basement office.



SOLIS enhancing aging skylights delivering uniform illumination.



Bring Sunlight to Life

Solight

Thank You

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