



HELIOSPHERE

We bring you daylight

PROBLEM

Cities become dense and cramped. Access to daylight becomes limited. Rooms&offices facing north are exposed to **long term darkness** even in „sunny“ countries.

Lack of daylight **affects negatively** the mental and physical health of children, adults, and elderly people
(1-4)

Artificial light is not sufficient

1) Hobday R. *Myopia and daylight in schools: a neglected aspect of public health?* Perspectives in Public Health 2016; 136: 50-55

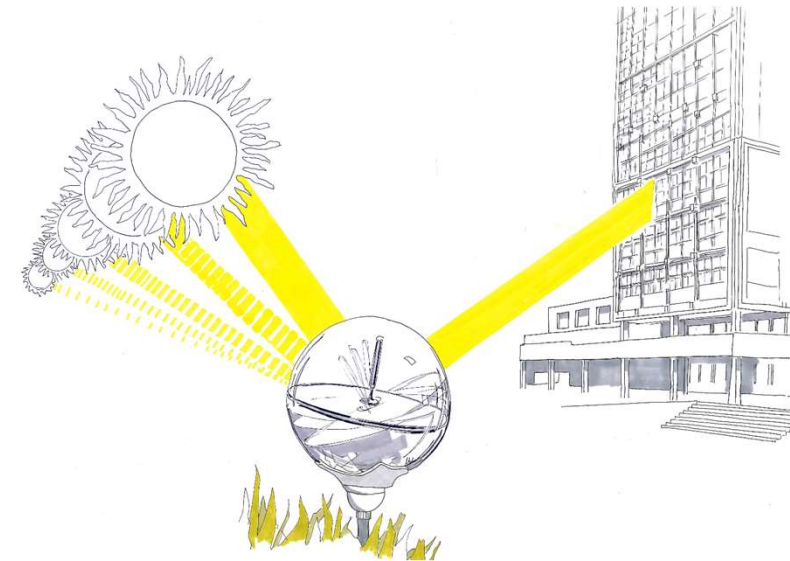
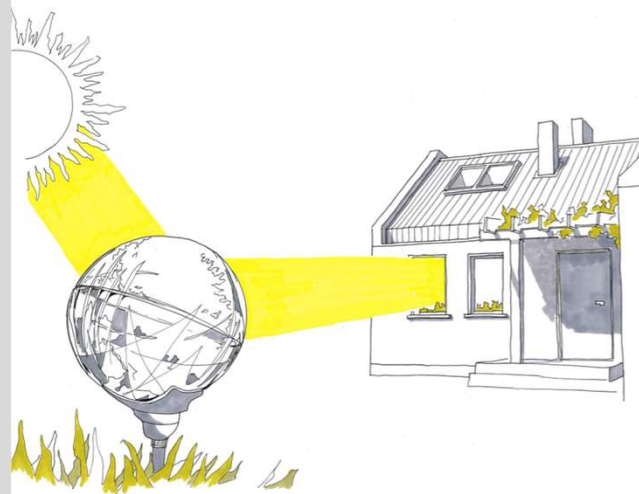
2) Boyce P, Hunter C, Howlett O. *The Benefits of Daylight Through Windows*. Troy, NY: Lighting Research Center, Rensselaer Polytechnic Institute, 2003.

3) TABET AOUL, K., SHELLEY, G. 1993. *An investigation on the effect of access to windows on visual comfort and productivity*. Proc. 3rd European Conf on Architecture, Florence, Italy, 17-21 May, 157-160

4) M Knoop PhD et al. *Daylight: What makes the difference?* Lighting Res. Technol. 2020; 52: 423-442

SOLUTION

A well-designed, child-friendly, and easy-to-set **heliostat**, which reflects direct solar radiation straight to your room or office.



MARKET VALIDATION

Pre-orders geolocalisation

- geographical location of the most promising **markets**
- most expected product's **features**

Ads budget = 0
All organic



PRODUCT

Heliosphere-heliostat
Patent no Pat.243089
Invention, granted: 2023
Polish Patent Office

Small size, 1-axis
heliostat
Patent no Ru.073437
Utility model, granted:2024
Polish Patent Office



The only one in the world heliostat enclosed in the spherical envelope

Beautiful & weather-proof



World's first gadget reflecting sunlight on your windowsill

Handy & effective

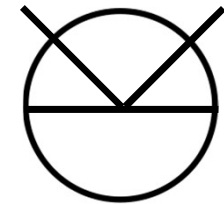
COMPETITION



Sunlight powered technologies



SOLENICA



Difficult to setup



Easy to setup



Artificial lighting solutions



PHILIPS
hue



+ many new brands
Daylight bulbs
Sunlight LED etc.

COMPETITIVE ADVANTAGES



Easy to
setup

no construction work required



Provide
daylight

No artificial sources, saves energy



Robust

windproof, waterproof, lightingproof...

WHAT PEOPLE WRITE TO US?

My office faces north. I see the sun so little that I am forced to take **vitamin D** food supplements .



Luca, Italy

I am **very excited** to have found your project as there is no good solution for a product like this on the market today.



Alex, the USA

I would like to have heliostat(s) to bring more direct sunlight into the home at times other than the morning. I experimented with mirrors outside, **the effect was stunning!**.

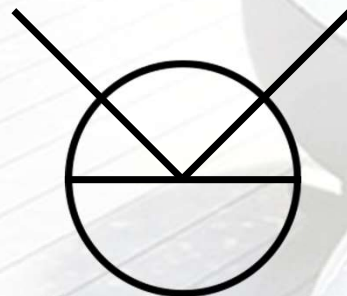


Ed, Spain

This is the product I've been **dreaming** about

It would **change my family's life**

We are asking for **help**



Thank you!

VISIT [HELIOSTAT.PL](https://heliostat.pl) TO LEARN MORE



Pawel Wajss: Project Leader, PhD in Technical Sciences, expert in energy, innovation, and project management. Founder and CEO of startups, advisor for scale-ups, and research leader. Patent author, mentor, and international collaborator, driving advancements in energy efficiency and smart solutions.