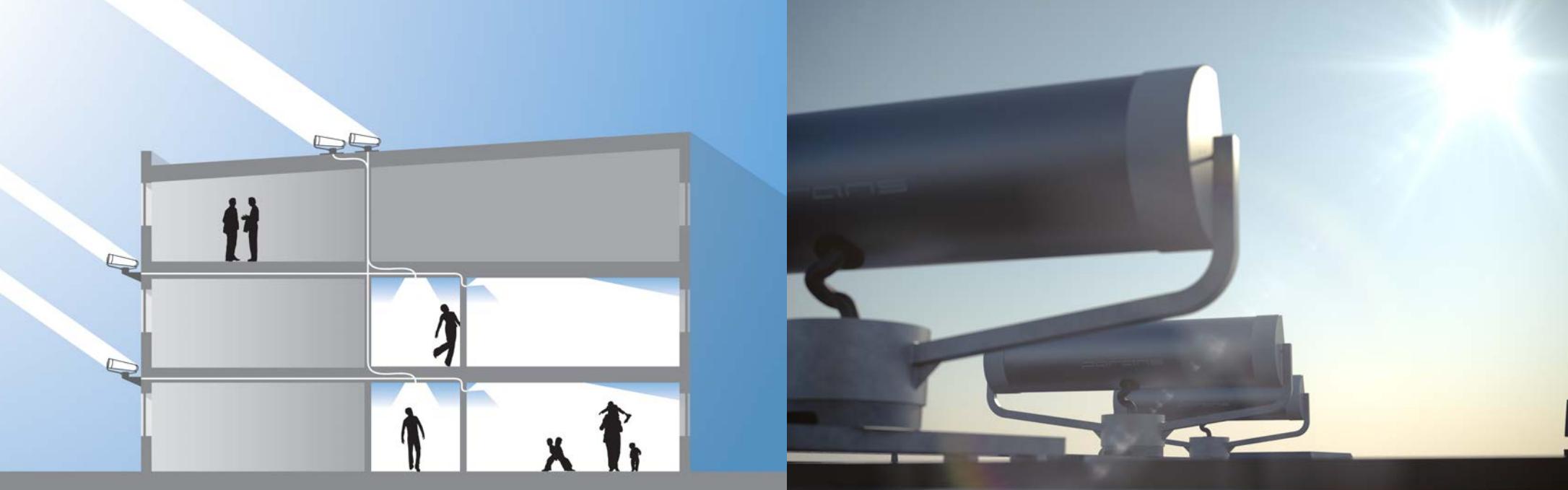


Bring the sunlight in



Bring natural sunlight to spaces where windows could never reach

- Let the sun shine where it never did before, through the flexibility of fiber optic cables
- A solution that makes you less dependent on windows and their position
- Not affected by the location of the sun, the smart receiver follows the sunlight



Sunlight in every room

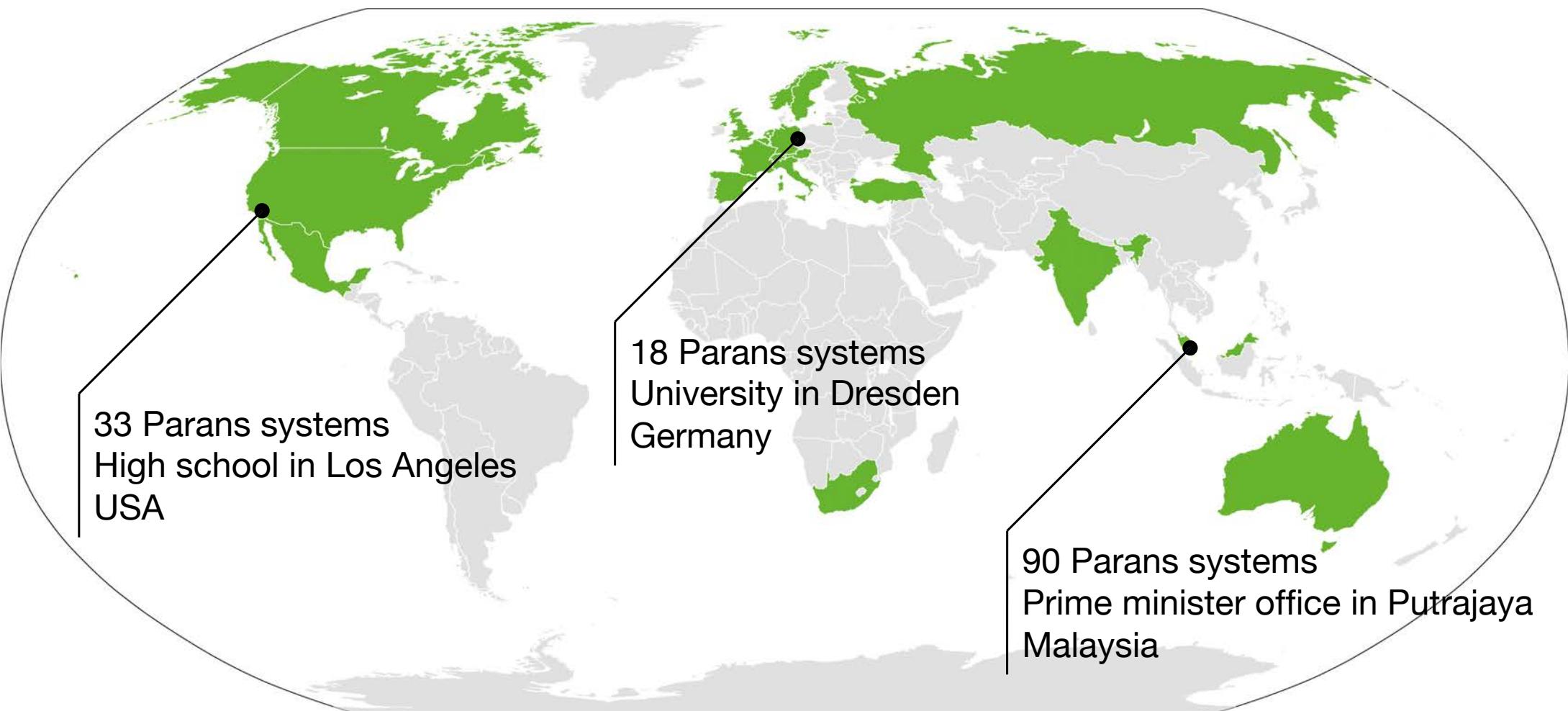
Create a unique indoor environment with the natural variation of outdoor sunlight



- Developed and manufactured in Sweden
- Innovative product line, with focus on sustainability
- Satisfied customers worldwide
- Experience within the high tech field
- Company established 2003
- Patented technology



Worldwide presence and biggest projects



Awards and recognition

- WWF and IVA Carl Mannerfelt Prize
- GlobalFOCUS list of 12 entrepreneurial climate companies
- Saving the Planet in Style, Svensk Form
- One Big Thing
US ambassador's list of 30 interesting cleantech companies
- Danish Design Center, Lyset



One Big Thing
Alternative Energy Opportunities in Sweden

Main benefits

Improve work environment

- Studies provide proof that sunlight increase productivity and well being
- Dynamic lighting experience
- Get a feeling of what the weather is like outdoors, even where there are no visible windows



Increase Property Value

- Similar to a skylight several floors down, but without losing space to a light shaft
- Decreased need for cooling, no heat gain from the Parans system
- Use the current floor space more efficient and create more rentable space
- Less need for artificial light
- No matter if it is morning or afternoon; get the sunlight from every direction



Reach requirements for certifications

- Achieve a new level of certification
- Get valuable points from sunlight



- Daylight < 3 points
- Innovative technology < 5 points
- Optimizing energy performance < 18 points
- On site renewable energy < 6 points

breeam

Possible if the area has more than 2650 sun hours per year

Profile yourself

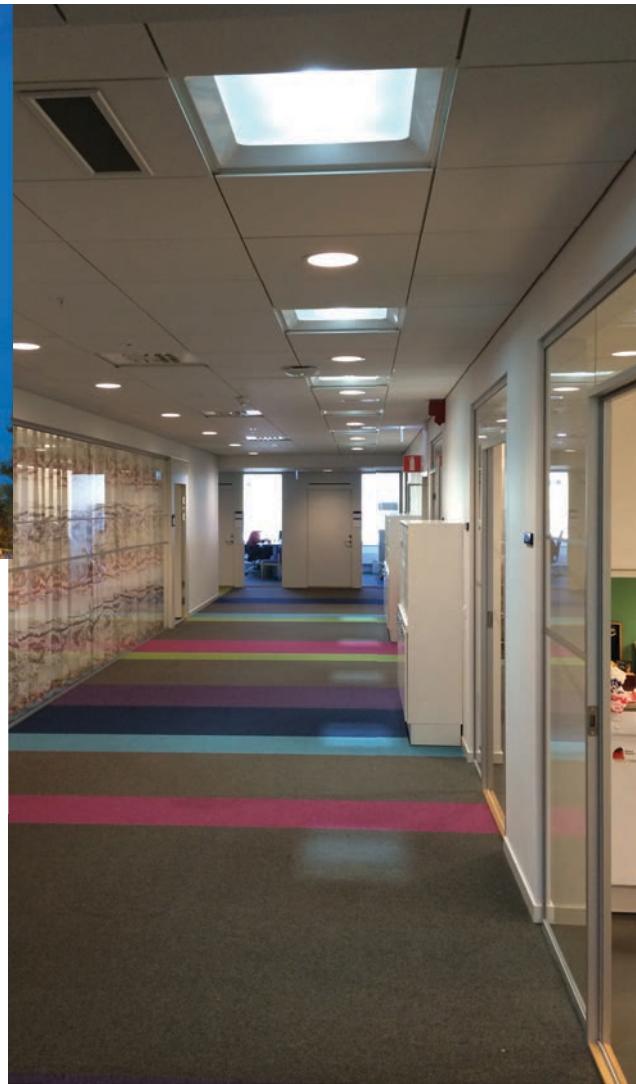
- Stand out amongst your competitors
- Show that you are an environmentally friendly and innovative company
- Let people know that they are walking in sunlight



Reference Projects

parans

Stairwell, meeting room, corridor Stockholm University, Sweden



ERSÉUS ARKITEKTER AB



AKADEMISKA HUS

Offices and meeting rooms, Prime minister office, Kuala Lumpur, Malaysia



Press room and stairwell
Coca-Cola headquarter, Madrid, Spain



Neonatal Unit

St. Luke's Medical Center, Denver, USA

- Planned renovations was a great opportunity to incorporate natural daylight into this sensitive healthcare space
- "Using no electricity, they created beautiful, healthy natural sunlight! I'm very happy with the results"

Darla Van Essen, Hospital Administrator

- "It works exactly as advertised, delivering full-spectrum natural light where it's needed most, and with no heat gain or costly construction."

Vic Vigil, Maintenance Manager



Study hall

Uppsala University, Sweden

- Sunlight makes students learn faster and make better results
- Integration with the electric lighting system for saving energy while maintaining a constant illumination level



Conference room Office building, Sweden

- Conference rooms are often placed in the center of the building, meaning that natural light is limited.
- A place for long meetings, important guests and group work should have good access to sunlight!



Department of radiology Hospital of Helsingborg, Sweden



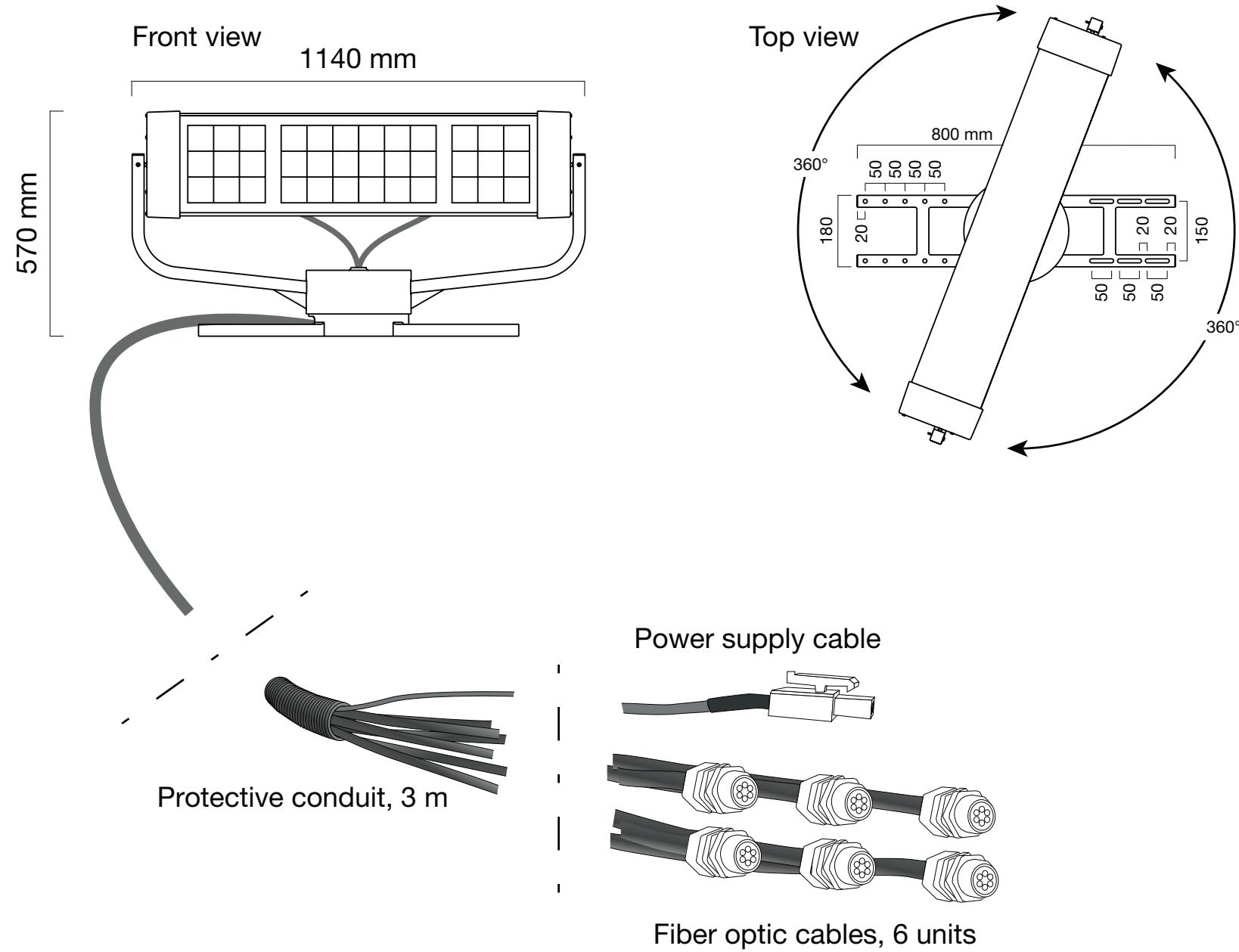
The Parans system



Parans SP3

The third generation of the Parans system can collect sunlight all sun hours and is easy to handle and install.

Fibre cables are thin, flexible and transport a lot of light.

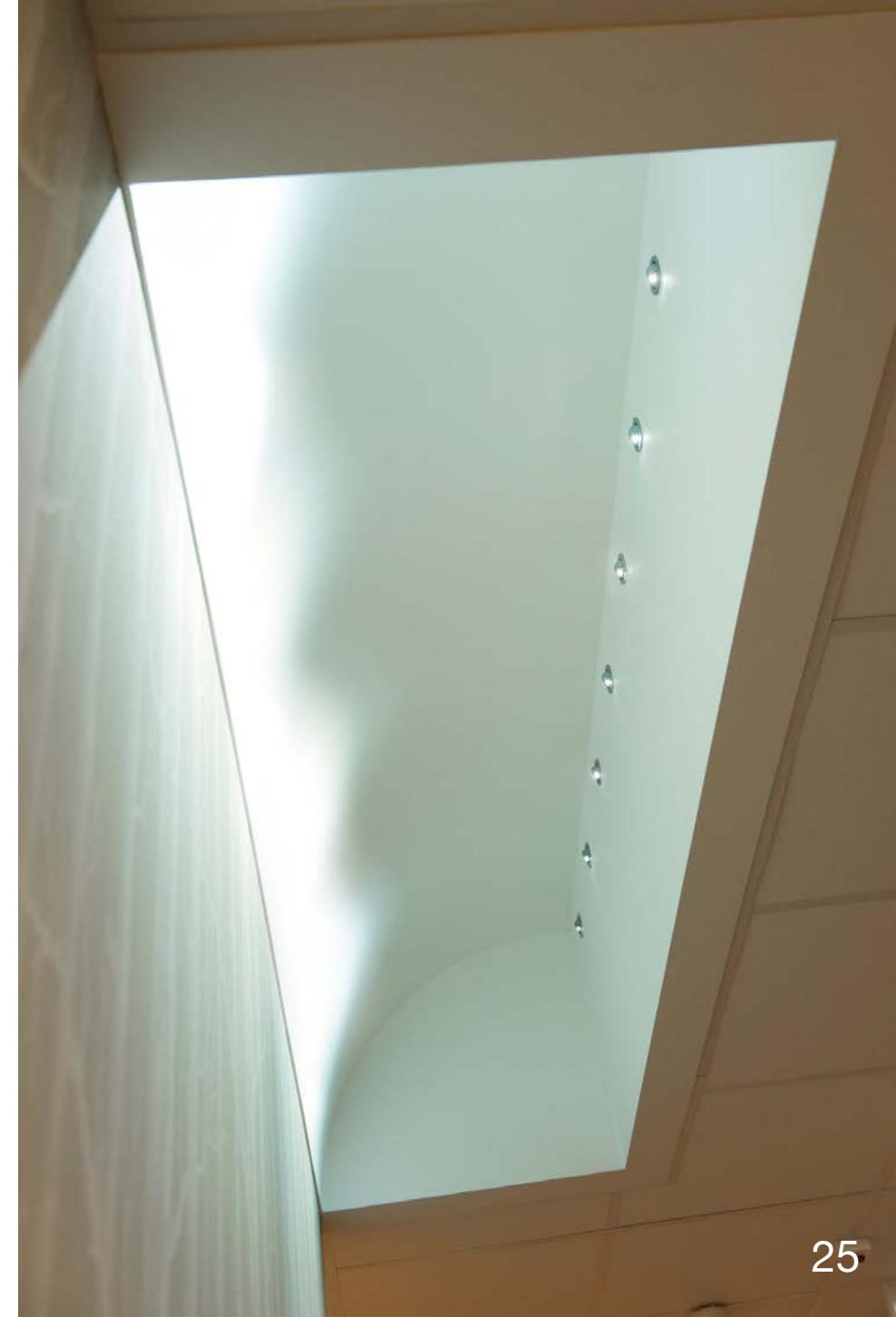


Parans luminaires

L1 Luminaires



L3 Spotlight



L2 Hybrid

Combining sunlight and efficient LEDs

L2 Pure

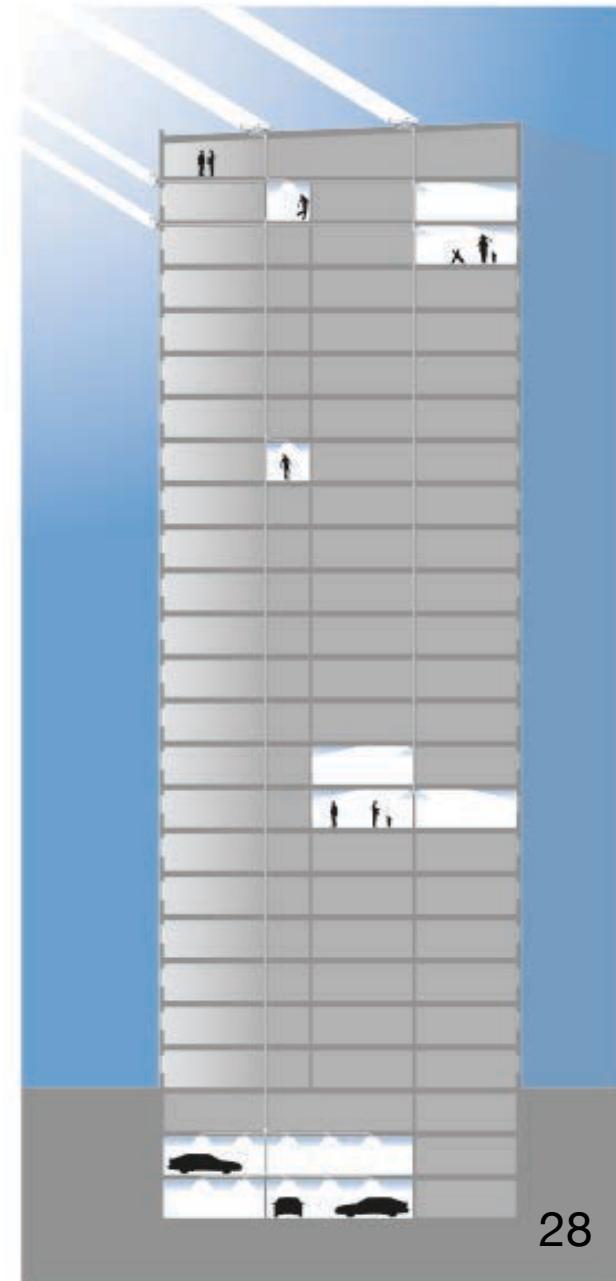
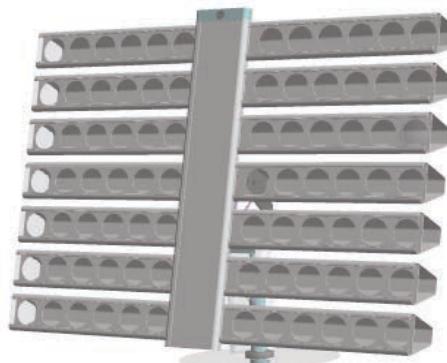
Pure sunlight



Coming soon

Parans SP4 – the next generation

- Longer optical cables, light transport up to 100 meter into the building
- More light and higher quality
- Suitable for larger projects
- 1100 – 1400 lumen per cable, no IR and UV, runs on 12 V and consumes only 10W
- Under development, launch in late 2015 and first delivery in early 2016





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