

2019

Solar lighting

Outdoor LED luminaires

Solar info boxes

Customized solutions

Cylindrical photovoltaics



sustainable outdoor lighting  
solar - hybrid - grid



Product overview  
2019



Sustainable Outdoor Lighting  
Solar. Hybrid. Grid.

Welcome to the future of environmentally friendly outdoor lighting!  
Welcome to **hei**!

Climate change, nuclear risks and overexploitation of natural resources require an ambitious and swift transition towards sustainability including solar powered, carbon-free technologies world-wide.

The mission of **hei** is to contribute to global sustainable development by designing and manufacturing outdoor lighting with paramount efficiency for minimum environmental impact.

This is supported by our strict designing criteria:  
environmental-friendly materials, utmost efficiency, and use of solar power, wherever available.

We also supply outstanding aesthetical design, because we think green products should please not only the environment but our eyes, too.

Finally, the advantageous commercial "side effect" of energy efficiency and solar power is low operating and initial costs.

All in all, climate protection by sustainable outdoor lighting is a win-win situation for all of us environmentally, aesthetically and economically.

Welcome to **hei**! The future of lighting. Today.

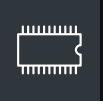
  
Dr. Dieter Hornbachner  
Founder and MD



Solar powered.  
Environmental-friendly.



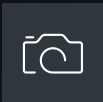
Less maintenance.  
No sand, snow or dust accumulation.  
No soiling.



Smart lighting control.  
Self-learning.  
Reliable.



No cabling.  
No electricity grid required.



Contemporary aesthetics.  
Forward-looking design.



Remote lighting control.



No trenching.



Highly efficient LED technology.



No PV panel.  
Slim design.  
Low wind load.



Minimal installation costs.  
No electricity costs.



Superb light distribution.  
Increased pole distance.



No electricity consumption.  
No CO<sub>2</sub> emissions.  
No nuclear risks.

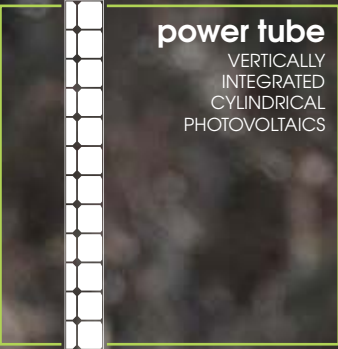


Power Tube.  
Omnidirectional  
sunlight collection.



Simple installation.  
Plug & play.

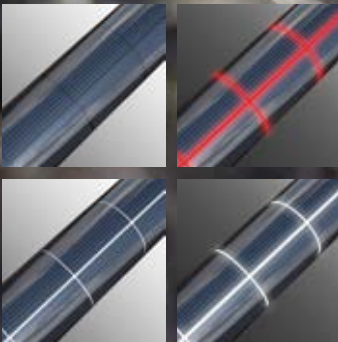




**Go solar. Go for beauty.  
Take the tube.**

Excellent solar yield and reliability, low maintenance and flexible design.

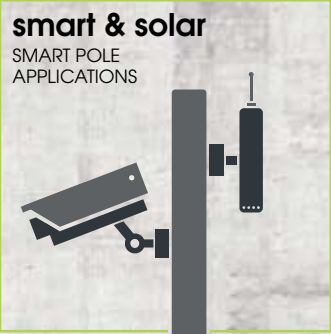
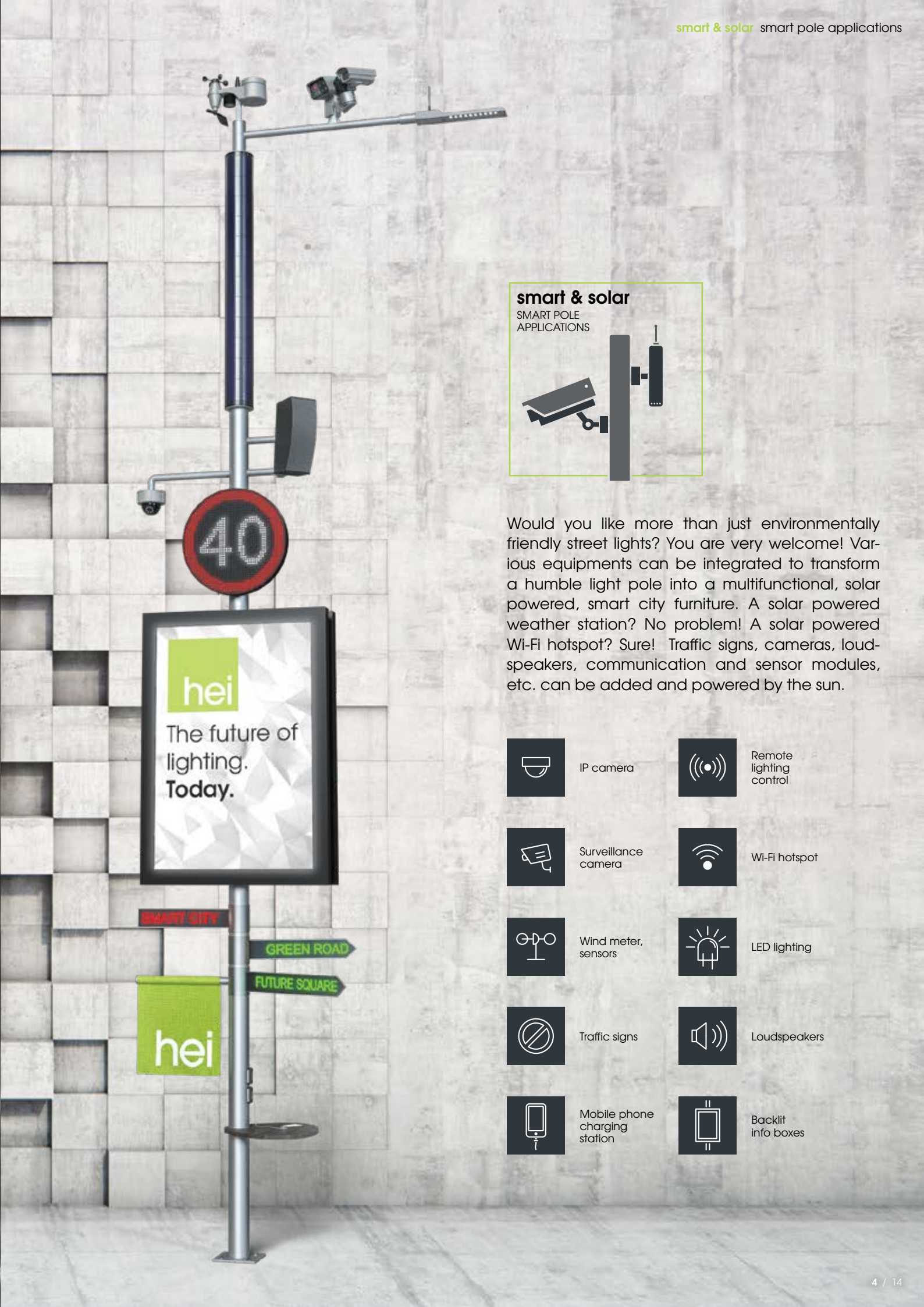
Various diameters, lengths and output power for solar supply of all kind of off-grid applications.



custom colour backsheet and optional backlighting

**POWER TUBE P150-160**

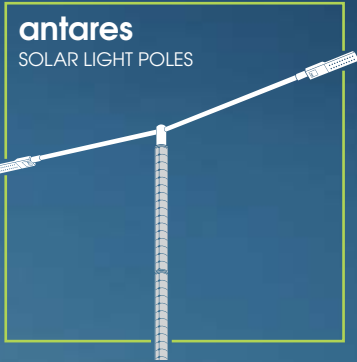
Thredbo, Australia



Would you like more than just environmentally friendly street lights? You are very welcome! Various equipments can be integrated to transform a humble light pole into a multifunctional, solar powered, smart city furniture. A solar powered weather station? No problem! A solar powered Wi-Fi hotspot? Sure! Traffic signs, cameras, loudspeakers, communication and sensor modules, etc. can be added and powered by the sun.

- |   |   |
|---|---|
|  IP camera                     |  Remote lighting control |
|  Surveillance camera           |  Wi-Fi hotspot           |
|  Wind meter, sensors           |  LED lighting            |
|  Traffic signs                 |  Loudspeakers            |
|  Mobile phone charging station |  Backlit info boxes      |





antares  
SOLAR LIGHT POLES

**Outstanding performance  
at minimum costs.**

10 different versions of self-sustaining and maintenance-free solar light poles, covering almost all kind of outdoor lighting applications such as pathways, secondary roads and highways.



various wattages

ANTARES 8000 P200-215



atlas  
SOLAR INFO BOXES

**Sunlight for sale.**

A sunny and commercially highly profitable combination of solar street light poles and LED backlit info boxes. Refinancing the light poles by renting out the advertising space.

Also available as Solar Info poles and Solar Info stands.



atlas solar info pole  
P200-215 IB2000

atlas solar info pole  
P400-215 IB2000 with  
LUMINAIRE antares 8000

atlas solar info stand  
P400-215 IB2000





**Paramount efficacy and maximum energy saving.**

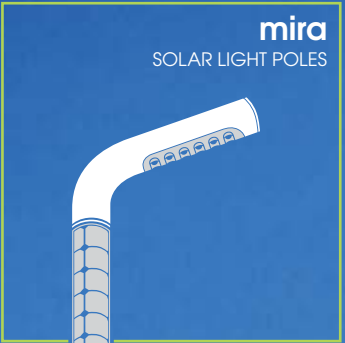
The right choice for environmental-friendly street lighting, minimum energy demand, maximum cost saving and excellent light distribution.

All luminaires provide an efficacy of 160 lm/W or more and are available for AC, DC and solar power supply.



various wattages

AC grid ANTARES 4000



**Decorative, self-sustaining and maintenance-free.**

Solar light poles for outdoor lighting applications such as residential streets, bicycle tracks or parking sites. Award-winning, protected design. Full solar power supply, no grid-connection required.



various wattages

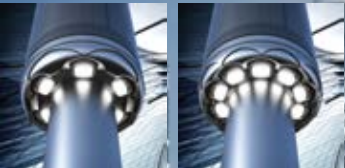
MIRA 4000 twin P200-160





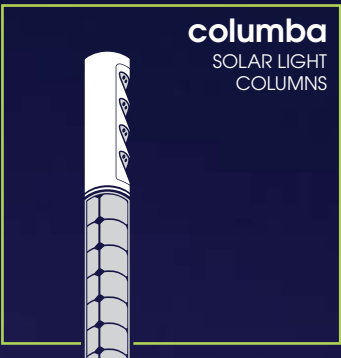
The famous solar pioneer with outstanding design.

First solar light pole worldwide with integrated cylindrical photovoltaic element, for professional architectural outdoor lighting applications such as squares, promenades and boulevards.



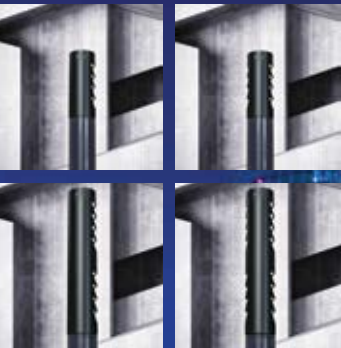
various wattages

CHAMP 8000 P200-215



The fusion of solar and light.

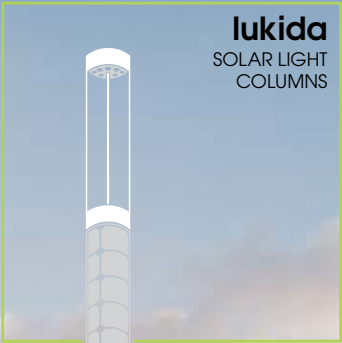
High-end solar light columns with unique luminaire shell-design for architectural lighting applications with highest design expectations. Available in various heights and wattages for parking sites, secondary and main roads.



various wattages

COLUMBA 6000 twin P360-270





**lukida**  
SOLAR LIGHT  
COLUMNS

**When design matters.**

A family of aesthetic columns with integrated photovoltaics and luminaire for decorative private or public outdoor lighting applications, such as gardens, parks, boulevards, and secondary roads.



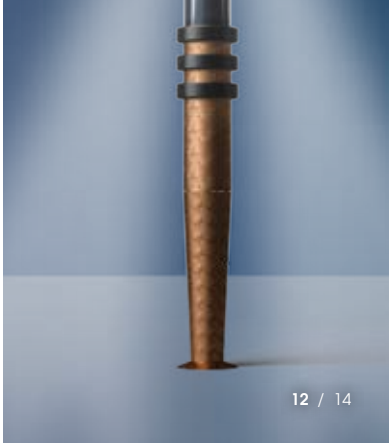
various wattages

LUKIDA 8000 P400-215



**customization**  
PROJECT-SPECIFIC  
OUTDOOR LIGHTING  
SOLUTIONS

Almost unlimited product customization. **hei** designs, engineers and manufactures all high-tech components of a (solar) light pole on its own.







MILESTONE FOR SOLAR HIGHWAY LIGHTING

**100 % SOLAR 100% OFF-GRID**

Ghayathi highway,  
Abu Dhabi, U.A.E.

**reference projects**  
SATISFIED CUSTOMERS  
WORLDWIDE



Our ambitious design approach can be fulfilled only with products with utmost efficiency, long life-expectancy, minimal maintenance efforts and least possible operating costs. This are the reasons, why our customers all over the world enjoy our products.



Waterfront City,  
Beirut, Lebanon



School for girls,  
Ras al-Khaimah, UAE



Viale Stazione,  
Bellinzona, Switzerland



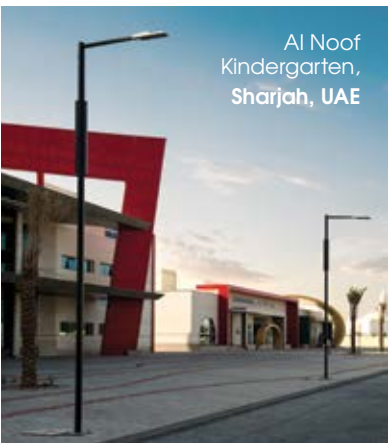
Matznerpark,  
Vienna, Austria



Roadway and walkway,  
Varaždinske toplice, Croatia



Al Qarain School,  
Sharjah, UAE



Al Noof  
Kindergarten,  
Sharjah, UAE



Al Amal Hospital,  
Dubai, UAE



Royal Abby of Santa Maria de Poblet,  
UNESCO World Heritage Site,  
Catalonia, Spain



Mona Vale,  
Sydney, Australia



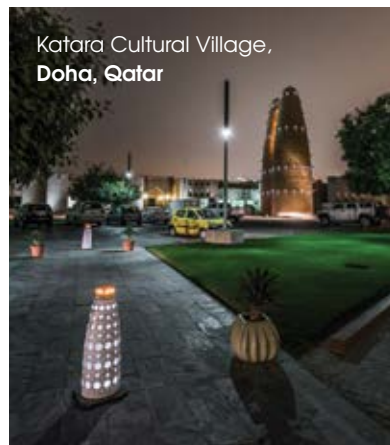
Roadway,  
Therdbo, Australia



Oceans Garden,  
Kobe City, Japan



Pathway,  
Philadelphia,  
USA



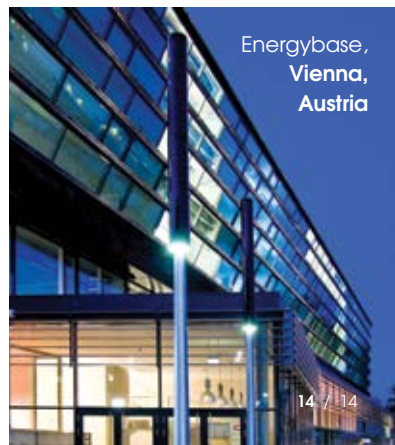
Katara Cultural Village,  
Doha, Qatar



Public space,  
Troinex,  
Switzerland



Government district,  
Tamar, Hong Kong



Energybase,  
Vienna,  
Austria



RE  
THINKING  
THE  
FUTURE<sup>©</sup>

