



The future of lighting.  
Today.

product  
overview

2020



sustainable outdoor lighting

solar - hybrid - grid

# Product overview 2020



## 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.

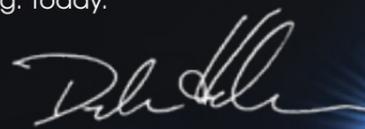
This is supported by our strict designing criteria: environmental-friendly materials, utmost efficiency, and use of solar power, wherever available.

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

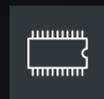
Finally, the advantageous commercial "side effect" of energy efficiency and solar power is low operating and initial costs.

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

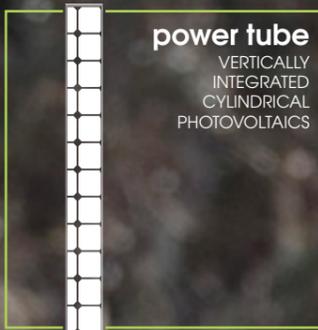
Welcome to **hei!** The future of lighting. Today.

  
Dr. Dieter Hornbachner  
Founder and MD

Publisher:  
**HEI Technology International GmbH**  
1140 Vienna / Austria, Ameisgasse 65  
Tel.: +43 1 91 21 351-0, Fax: Ext. 22  
office@hei.at, www.hei.at

-  Solar powered. Environmental-friendly.
-  No cabling. No electricity grid required.
-  No trenching.
-  Minimal installation costs. No electricity costs.
-  Power Tube. Omnidirectional sunlight collection.
-  Less maintenance. No sand, snow or dust accumulation. No soiling.
-  Contemporary aesthetics. Forward-looking design.
-  Highly efficient LED technology.
-  Superb light distribution. Increased pole distance.
-  Smart lighting control. Self-learning. Reliable.
-  Remote lighting control.
-  No PV panel. Slim design. Low wind load.
-  No electricity consumption. No CO<sub>2</sub> emissions. No nuclear risks.
-  Simple installation. Plug & play.





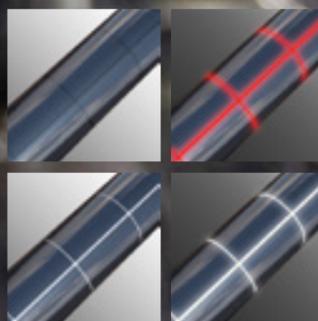
**power tube**

VERTICALLY  
INTEGRATED  
CYLINDRICAL  
PHOTOVOLTAICS

**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**

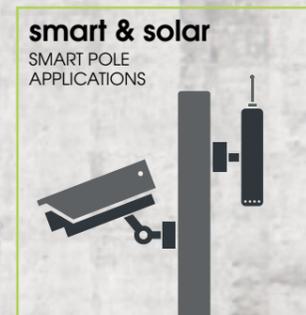
Thredbo, Australia



Solar street light pole with Wi-Fi hotspot and info box



Solar camera pole



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



# UNLEASH LIGHTING FROM THE CABLE

new product 2020

For more information scan QR code & download "New products 2020" brochure.



auriga  
SOLAR LIGHT TUBE

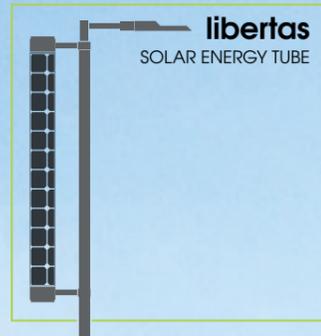
**Unleash the lighting from the cable.**

All the essential parts of a solar light (batteries, electronics, LED engine, PV module ...) were re-designed and innovatively combined into a single unit.

Compatibility with the majority of standard pole geometries, diameters and heights ensures that hei auriga can tackle virtually any lighting requirements, perfectly illuminating everything from walkways to highways.

auriga step  
P200-215





**Liberating the energy supply from the cable.**

**hei libertas** add-on solar power tubes contain everything needed to reliably harvest solar energy and supply it later to provide illumination. Regardless of geometry, height or diameter **hei libertas** fits most standard poles - either in new or existing installations.

For perfect illumination, choose from a variety of highly-efficient **hei** luminaires, all without having to replace poles – just cut the cables and forget them!

libertas  
P200-215

# LIBERATING ENERGY SUPPLY FROM THE CABLE

## new product 2020

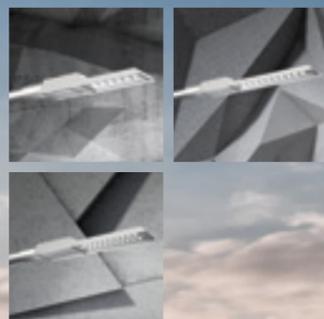
For more information scan QR code & download “**New products 2020**” brochure.





**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



**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



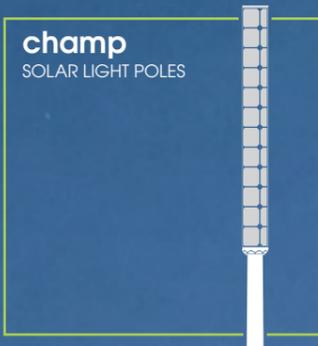
**Decorative, self-sustaining and maintenance-free.**

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.



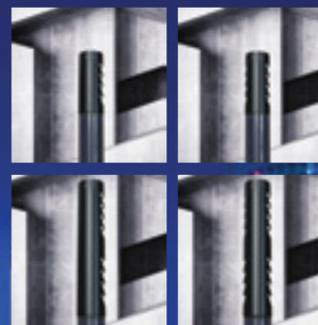
various wattages

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.**

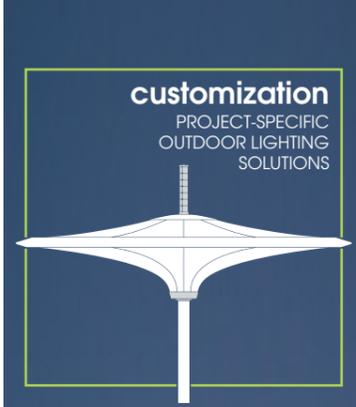
A family of aesthetic columns with integrated photovoltaics and luminaire for decorative private or public outdoor lighting applications, such as gardens, parks, boulevards, and secondary roads.

**Product innovation award @**



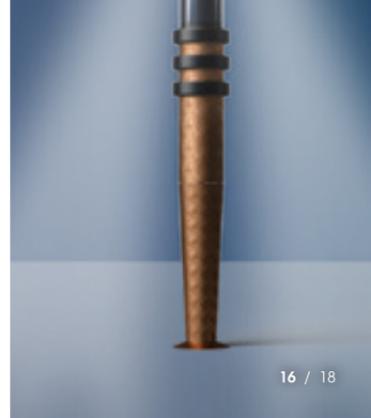
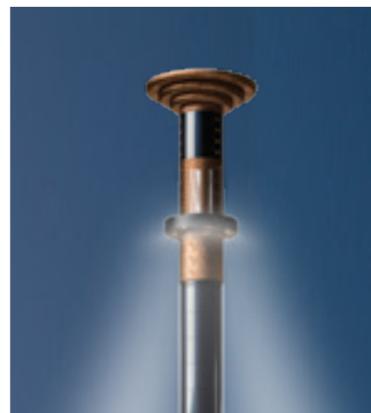
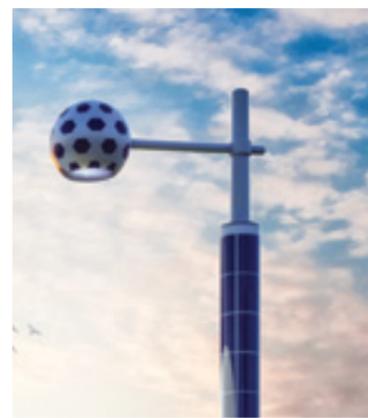
various wattages

lukida 8000  
P400-215



**customization**  
PROJECT-SPECIFIC  
OUTDOOR LIGHTING  
SOLUTIONS

hei is your experienced partner for customized, 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.





Ghayathi highway,  
Abu Dhabi, UAE



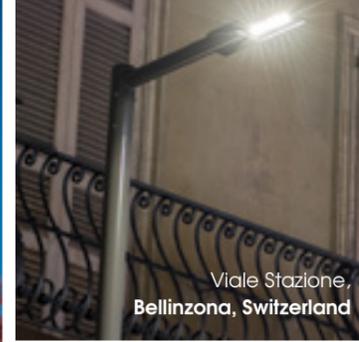
Our ambitious design approach can be fulfilled only with products with utmost efficiency, long life-expectancy, minimal maintenance efforts and least possible operating costs. This are the reasons, why our customers all over the world enjoy our products.



Waterfront City,  
Beirut, Lebanon



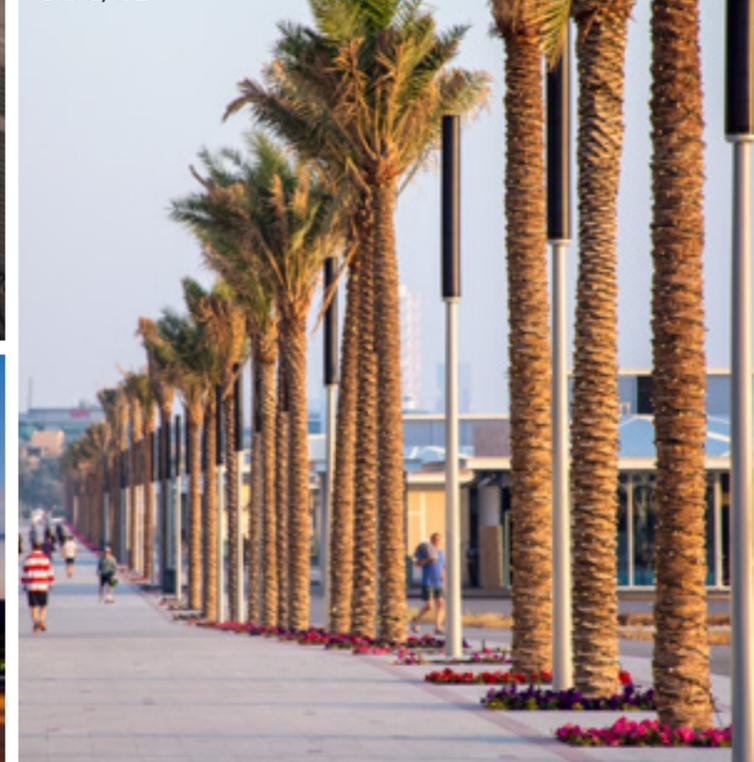
School for girls,  
Ras Al Khaimah, UAE



Viale Stazione,  
Bellinzona, Switzerland



Oceans Garden,  
Kobe City, Japan



West Beach - Palm Jumeirah,  
Dubai, UAE



Schweizerhalle,  
Basel,  
Switzerland



Al Noof  
Kindergarten,  
Sharjah, UAE



Nad Al Sheba 3,  
Dubai, UAE



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



Mona Vale,  
Sydney, Australia



Roadway,  
Therdbo, Australia



Research Technology and Innovation Park,  
American University,  
Sharjah, UAE



Pathway,  
Philadelphia,  
USA



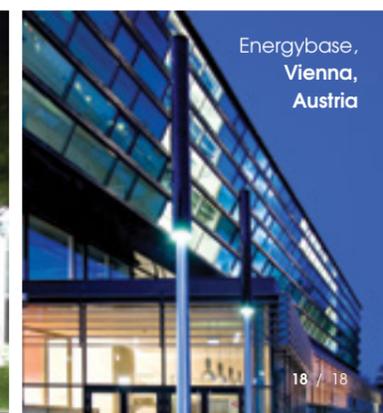
Katara Cultural Village,  
Doha, Qatar



Public space,  
Troinex,  
Switzerland



Government district,  
Tamar, Hong Kong



Energybase,  
Vienna,  
Austria



product overview  
©hei 2020