



The future of
lighting.
Today.

product
overview

2023



sustainable outdoor lighting

solar - hybrid - grid

Product overview
2023



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.

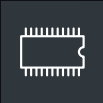

Dr. Dieter Hornbachner
Founder and MD



Solar powered.
Environmental-friendly.



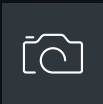
Less maintenance.
No sand, snow or dust accumulation.
No soiling.



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.



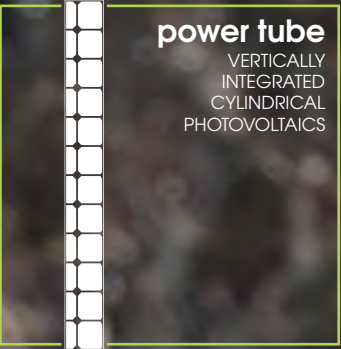
No electricity consumption.
No CO₂ emissions.
No nuclear risks.



Power Tube.
Omnidirectional
sunlight collection.



Simple installation.
Plug & play.



power tube
VERTICALLY
INTEGRATED
CYLINDRICAL
PHOTOVOLTAICS

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

Excellent solar yield and
reliability, low mainte-
nance 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

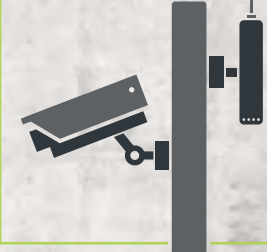
Thredbo, Australia










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

Solar
camera
pole

smart & solar
SMART POLE
APPLICATIONS



Would you like more than just environmentally
friendly street lights? You are very welcome! Var-
ious 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, loud-
speakers, 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

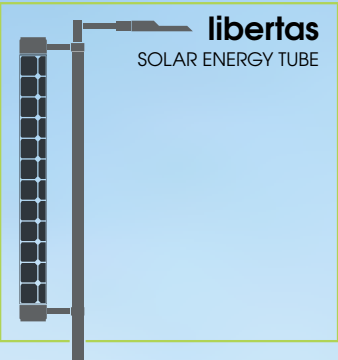
auriga step
P200-215



Unleash the lighting from the cable.

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

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



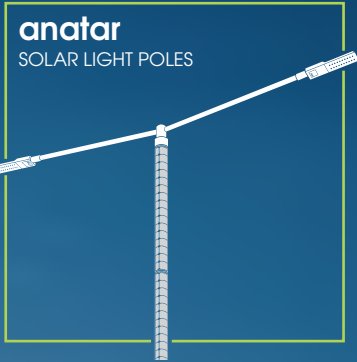
Liberating the energy supply from the cable.

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!

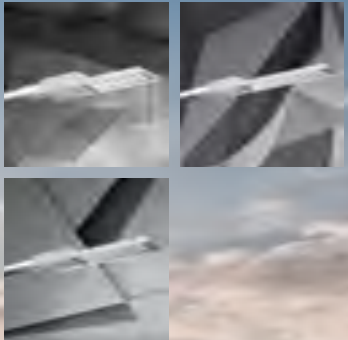
libertas
P200-215

LIBERATING ENERGY SUPPLY FROM THE CABLE

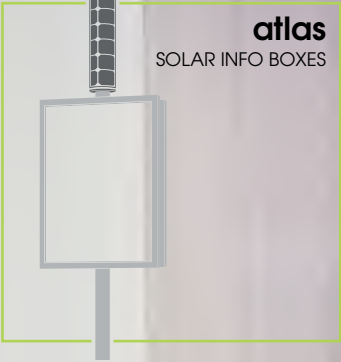


**Outstanding performance
at minimum costs.**

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.



anatar 8000
P200-215



Sunlight for sale.

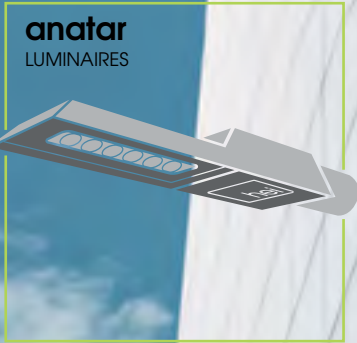
A sunny and commercially highly profitable combination of solar street light poles and LED backlit info boxes. Refinancing the light poles by renting out the advertising space.

**Also available as Solar Info poles
and Solar Info stands.**



atlas solar info stand
P400-215 IB2000

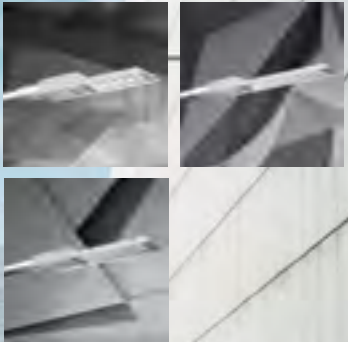




Paramount efficacy and maximum energy saving.

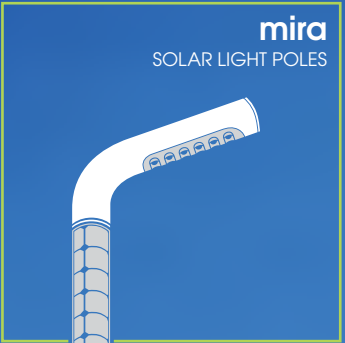
The right choice for environmental-friendly street lighting, minimum energy demand, maximum cost saving and excellent light distribution.

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 anatar 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

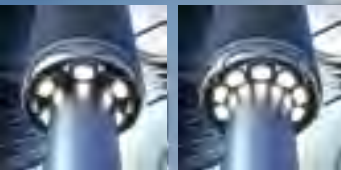
champ
SOLAR LIGHT POLES



**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.

Austrian
state prize for
industrial design



various wattages

champ 8000
P200-215

columba
SOLAR LIGHT
COLUMNS



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

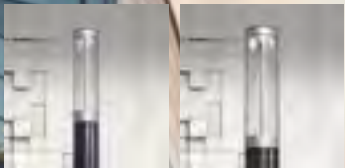
columba 6000 twin
P360-270



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.





Ghayathi highway,
Abu Dhabi, UAE

reference projects
SATISFIED CUSTOMERS
WORLDWIDE

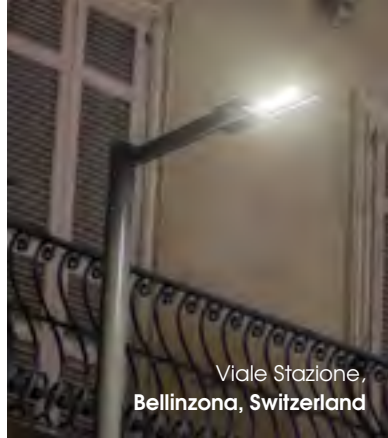
Our ambitious design approach can be fulfilled only with products with utmost efficiency, long life-expectancy, minimal maintenance efforts and least possible operating costs. This are the reasons, why our customers all over the world enjoy our products.



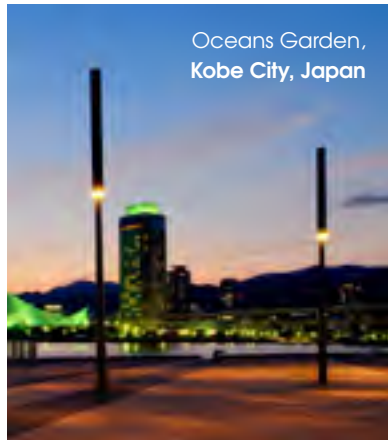
Waterfront City,
Beirut, Lebanon



School for girls,
Ras Al Khaimah, UAE



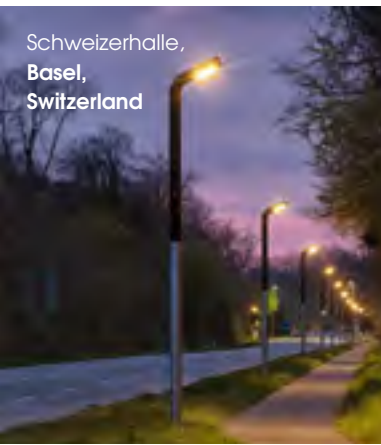
Viale Stazione,
Bellinzona, Switzerland



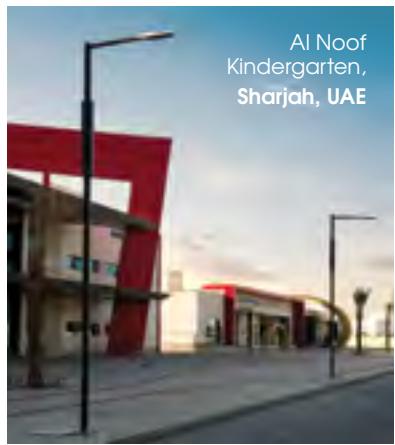
Oceans Garden,
Kobe City, Japan



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



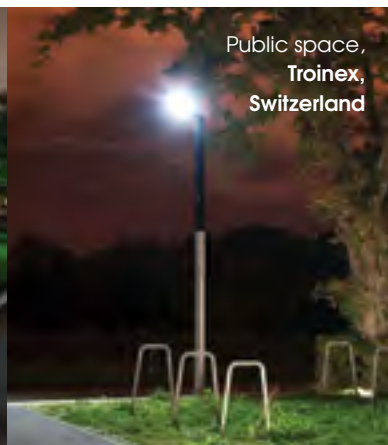
Research Technology and Innovation Park,
American University,
Sharjah, UAE



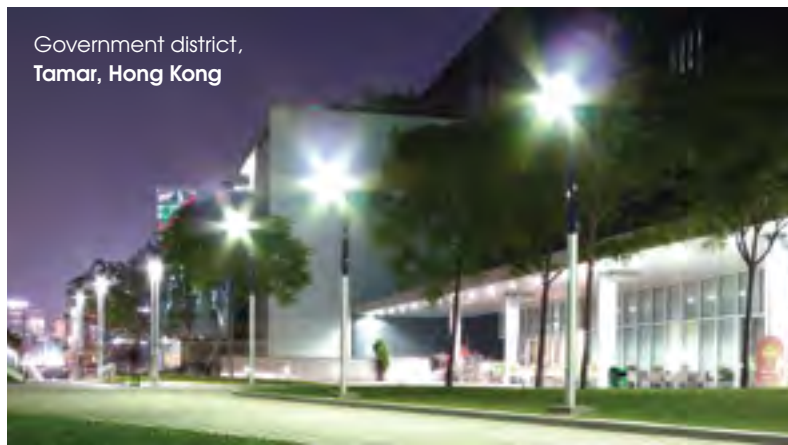
Pathway,
Philadelphia,
USA



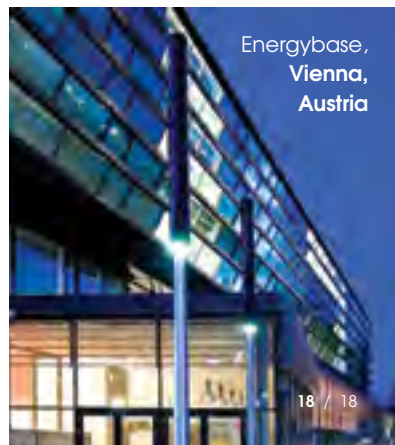
Katara Cultural Village,
Doha, Qatar



Public space,
Troinex,
Switzerland



Government district,
Tamar, Hong Kong



Energybase,
Vienna,
Austria



product overview
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