

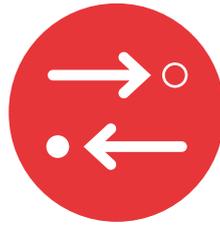
iWay Retrofit Kit
Upgrade & Reuse

iGuzzini

iWay Retrofit Kit

Upgrade & Reuse

design Jean Michel Wilmotte



95
lm/W



Three options for scaling the update of each individual iWay product in relation to effective requirements. The efficiency of the LED ensures immediate energy savings of 84% and automatic or customized flow management achieves further savings of +20-30%. Over and above efficiency, replacement with LED technology ensures a longer

lifespan, with immediate reductions in energy and maintenance costs. The investment cost for replacing the optical compartment alone is paid back after only 3 years and, thereafter, savings are accumulated of up to 85% after 6 years.



84%

Replacing the optical compartment also achieves immediate savings

Even more

20%

Pre-configured profile (Middle of the Night)

30%

Customized profile and twilight sensor (Dali.Ble)

100 bollards
 Operating period: 4,000 h per year
 Lifetime - HIT: 15.000 h L60
 Lifetime - LED: 60.000 h L80
 Energy cost: Source: Eurostat €0.205 kWh average
 European price for electricity consumption



Improved product efficiency

More efficient lighting as and when needed

Replacing the HIT source with the best LED technology ensures an immediate improvement in energy efficiency. The LED source also increases duration tenfold compared to iodides and this helps reduce maintenance costs. In addition, unlike conventional iodide, the LED source can be dimmed and thereby manage the luminous flux in relation to effective requirements and consequently achieve further energy and economic savings. Moreover, intelligent components can also be included to make controlling light even simpler and smarter, as well as facilitating

programming and management directly from a smartphone using the smart Light Control app. Lastly, other services in addition to lighting can also be enabled, such as push notifications. All the more, if the pole is also replaced, new finishes can be chosen that ensure aesthetic restyling of the system. We innovate the existing system to obtain immediate energy savings and new opportunities for formal integration.

More efficient

Replacing the optical compartment upgrades the optical technology from conventional sources to LED sources, quadrupling the lighting efficiency and extending the lifespan of the source.

This has an immediate impact on energy saving and maintenance costs, thereby offering longer duration and consequently better sustainability.



More efficient and smarter

The intelligent self-learning system included in the power supply, thanks to an algorithm, recognises the mid-point of the set operating period, based on the pre-set profile.



As well as even more attractive!

The system can also be updated by replacing the pole and choosing the finish that best integrates into the context, while retaining the same infrastructure as the existing system.

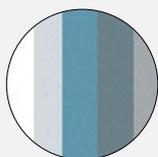


For further information, scan the qr-code

The heart of sustainability is durability.
We give new life to an old system, making it more efficient, connected and comfortable, without having to change it.

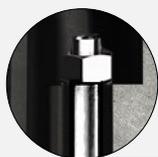
More reliable and durable

iWay has internal stainless steel threaded bars to mount the structure on the base, thereby ensuring considerable solidity. The external components in aluminium undergo multi-stage pre-treatment sealing with wet painting to provide high resistance to atmospheric agents and UV rays. The DALI Driver is built-in with resistance to peaks of up to 6 kV/10 kV.



External components in aluminium

The external components in aluminium undergo multi-stage pre-treatment sealing with wet painting to provide high resistance to atmospheric agents and UV rays.

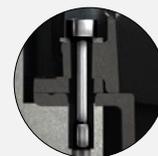


Mounting base

Mounting base in corrosion resistant, die-cast aluminium alloy with low copper content.



Built-in DALI Driver
Built-in DALI driver with peak resistance up to 6 kV/10 kV



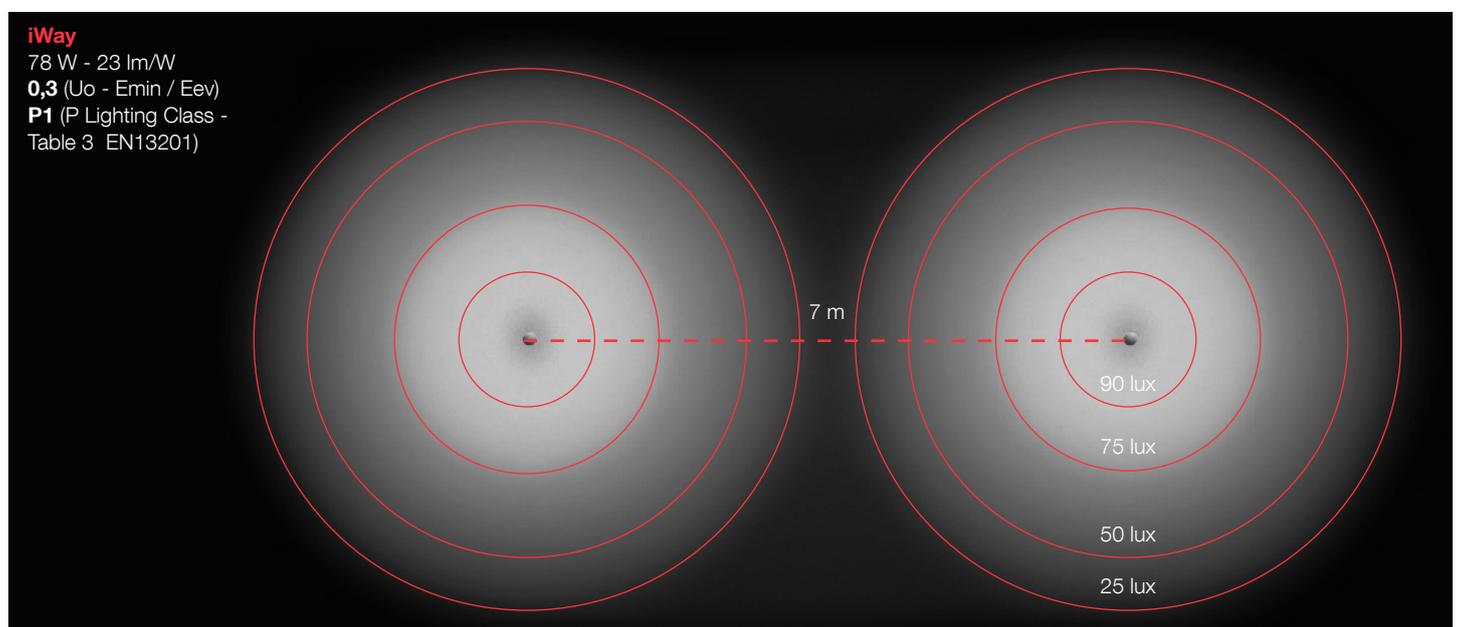
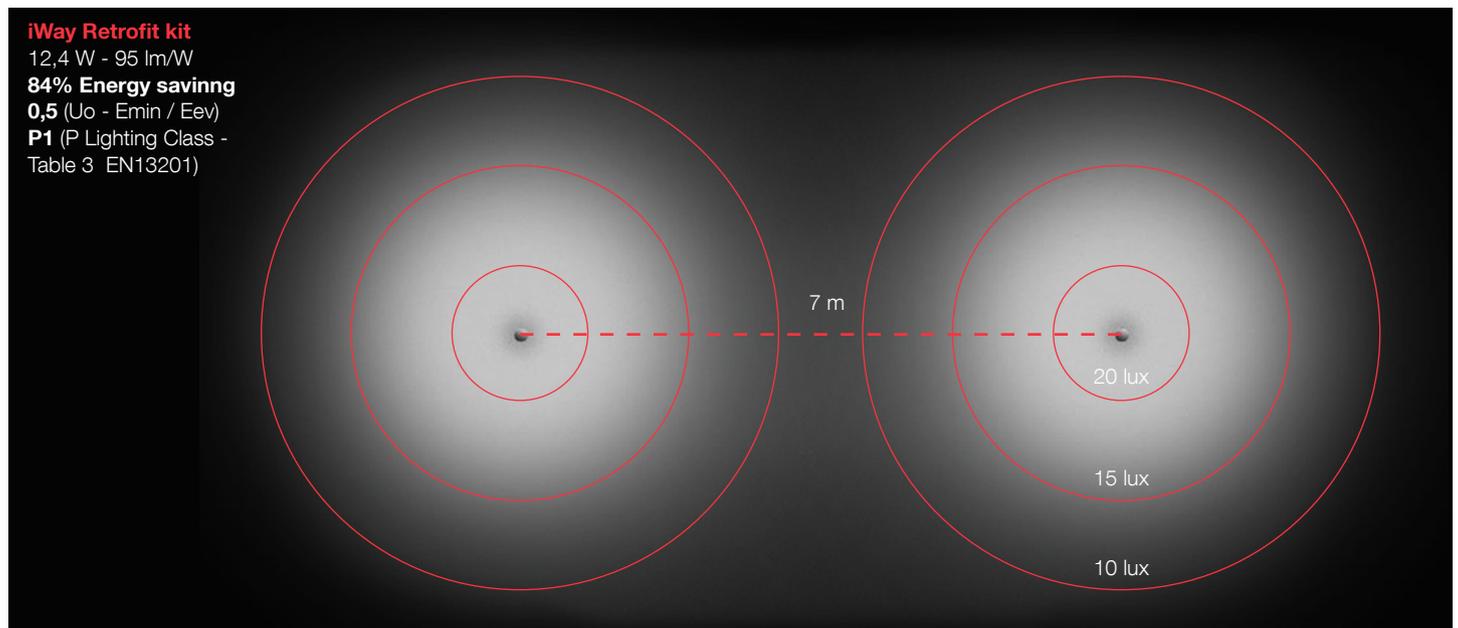
Threaded stainless steel rods
Threaded stainless steel rods secure the structure to the base. Rods instead of bolts or screws.

Improving system efficiency

Visual and energy improvement

Better illumination to reduce lighting and consumption levels, with an overall improvement in visual, perceptive and environmental quality. Replacing the optical compartment with consequent improvements in energy efficiency achieves - with the same centres between the poles - better efficiency as well as more uniform light distribution,

which in turn ensures better system performance. The optics are also more comfortable, since they eliminate any risk of glare. It is important to bear in mind that better perception of the environment can help reduce lighting levels, thereby increasing environmental and social sustainability alike.



Building sustainability

Sustainability is a choice. We offer sustainable solutions to avoid waste and make products and plant more efficient.

Lower environmental impact

Values refer to replacing HIT with a LED optical compartment for a system comprising: 100 Bollards. Total years: 15 Operating period:

4.000h / year. Energy cost: Source: Eurostat €0.205 kWh average European price for electricity consumption.



- 187,784 kg
emissions avoided

- 87,5 %
reduction



10,432
equivalent trees

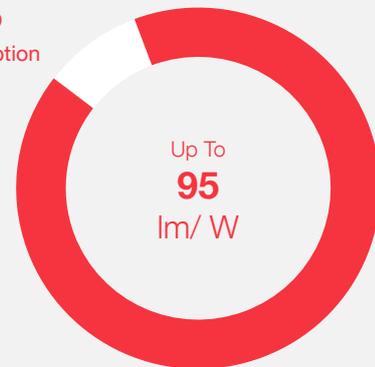
Maximum efficiency for minimum impact

High efficiency and the possibility management by a control system mean that IWay

Retrofit significantly reduces energy consumption (which represents more than 90% of environmental impact).

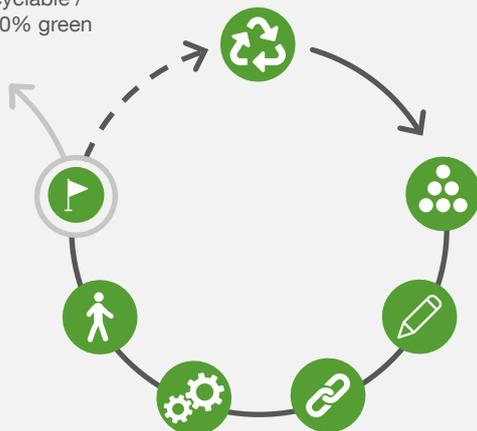
10 %
consumption

90 %
environmental impact



iWay is also designed and produced in compliance with eco-design criteria, such as:

Durable / Removable -
Repairable / Recycled materials in turn 100% recyclable /
Product uses 100% green energy.



Long-lasting and recyclable components

In recycled aluminium that can be recycled endlessly without losing quality. Surface treatment makes it even

more resistant to corrosion and atmospheric agents. Correct heat dissipation ensures long life for the LED and electronic components.

recyclable
> 95 %

LED duration
L90 B10
100.000 hrs Ta 40°C

Driver Duration
75.000 hrs





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