

Industrial Facility

w152



wästberg

For a long time, lamps have been an electrical experience – the light being evidence of electrical current passed through a filament. But now modern lighting has become unrecognisable, no longer the subject of electricity, but of electronics. Printed circuit boards, micro-chips, diodes and interfaces are now the staple ingredients, giving us greater control, conserving energy and providing longer life spans.

This transformation is a chance to establish new possibilities for the meeting point between light and electronics.

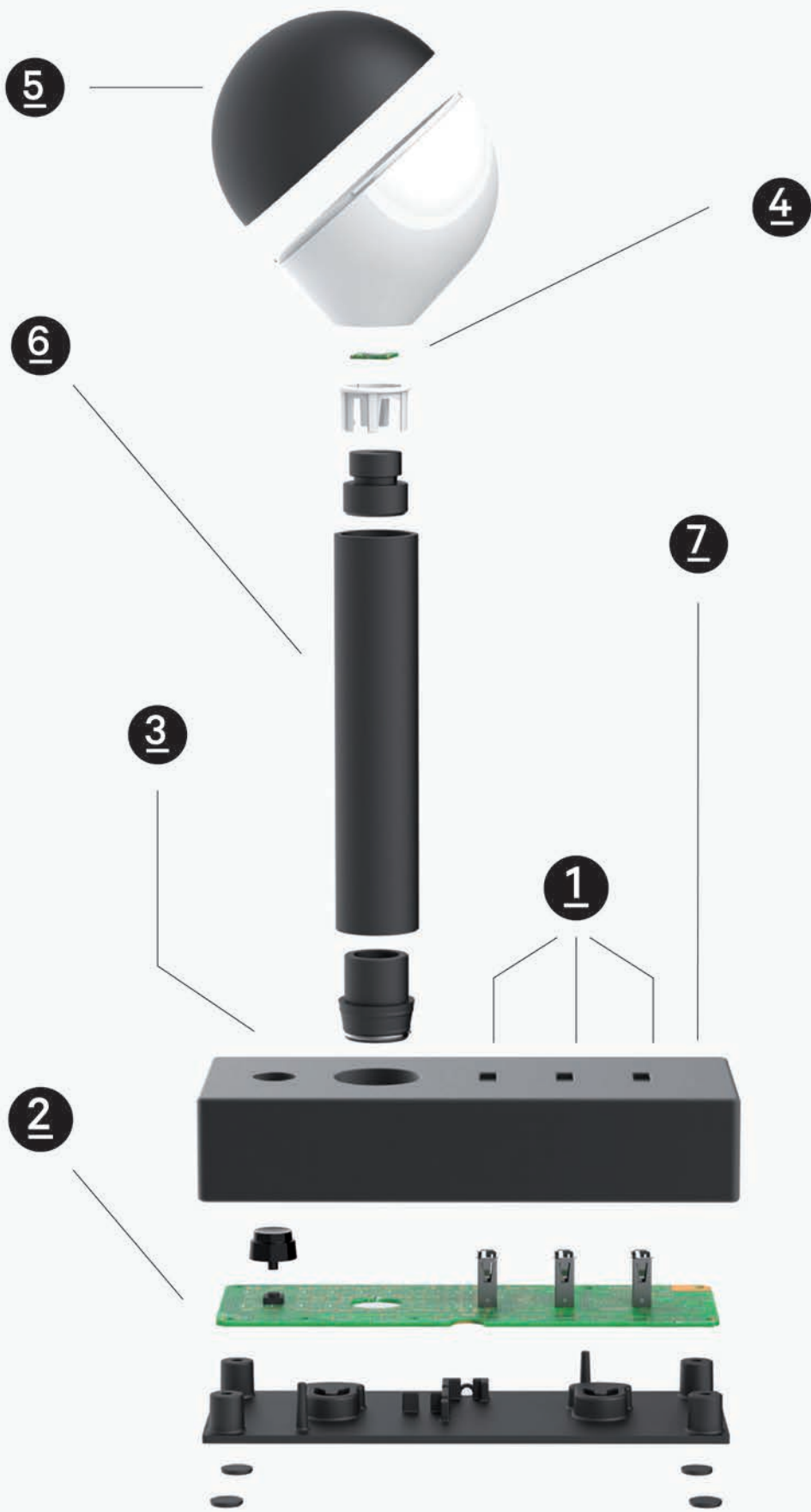
This is not a story about gadgetry (regardless of technical achievements), but rather an affirmation about how we live - that wherever light is supplied, power is often also required to charge our burgeoning electronic devices. The Industrial Facility w152 is an electronic lamp that provides intelligent universal power from three USB outlets, detecting charging requirements and managing them at their fastest rate, however many variable devices are plugged in.

It provides up to 3 Amps of power - enough to charge the latest generation of laptop computers. It can be supplied either as a freestanding or wall-mountable lamp, or built-in to a surface. The Industrial Facility w152 illuminates and powers the office, the workshop, the library, the living room and the bedside table.

Sam Hecht and Kim Colin,
Industrial Facility







features

1

Charge 3 USB devices at their fastest rate

Each USB socket can provide 3A which allows fast-charging of all devices plugged in at the same time.

2

Power management and Device detection

Detects what power is required to charge a device, and adjusts to ensure the fastest recommended charge.

3

Programmable micro switch

Click for on/off; hold down button to set brightness level; release for on/off brightness-setting.

4

Energy Efficiency

Uses energy efficient, high quality, warm white, LED illumination.

5

Ambient or Directable illumination

Two versions are available - an ambient lamp and a directable lamp.

6

360 degrees rotation

Can be rotated for glare control and light direction.

7

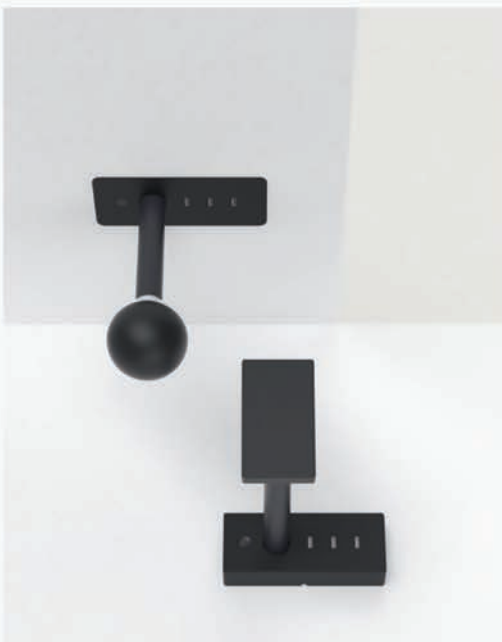
Forged and milled aluminium body

Made with durable forged and milled aluminium.

8

USB Base

The USB Base can be used free-standing or wall-mounted.



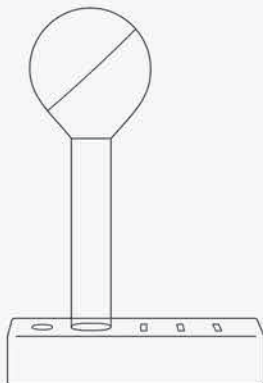
9

Integrated version

Can be supplied as an integrated, built-in unit for desks, cabinets and tables.



technical Specification



Usb

USB charging outlets

3 x type A female

Charging Current

Max 9A in total
(3A per USB socket)

MTBF*

Min 5,000 hours at 25°C
and full load

Over-current protection

Self-regulating

Short Circuit protection

Apple ipad/iphone
compatible

Android compatible

Kindle Fire
fastest rate (1.8A)

USB Toys, Desk Accessories
Bicycle Lights,
Bluetooth speakers
as original chargers

AC voltage range
100-240V AC 50/60Hz

Output voltage
5V DC +/- 5%

Standby Power use
Less than 0.1W

Operating
Temperature range
0° to 35°C

Max relative humidity
85% RH

EMC Certifications
EN55022:2006 + A1:2007
EN55024 -2010

device

charging **(0 - 100%)**

iPhone 6 / 6 Plus
2 x fastest rate (2.1A)*

iPhone 5
fastest rate (1A)

iPad Air 2
fastets rate (2.4A)

iPad Mini
fastest rate (2.4A)

Google Chromebook 11
fastest rate (2.4A)

Samsung Galaxy S3
fastest rate(1A)

* iPhone 6 can support
charging at 2.1A

lamp specification

Light source (included)
6W LED

Colour temperature
2700 K

CRI
>90

Lumen
550

Lumen / W
88

LED Life-time
50.000

This is not a story about gadgetry

**An electronic lamp that
provides intelligent
universal power from three
USB outlets, detecting
charging requirements and
managing them at their
fastest rate ...**

models + dimensions

INDUSTRIAL FACILITY

W152



w152 b1

Ambient /
Base



w152 i1

Ambient /
Integrated



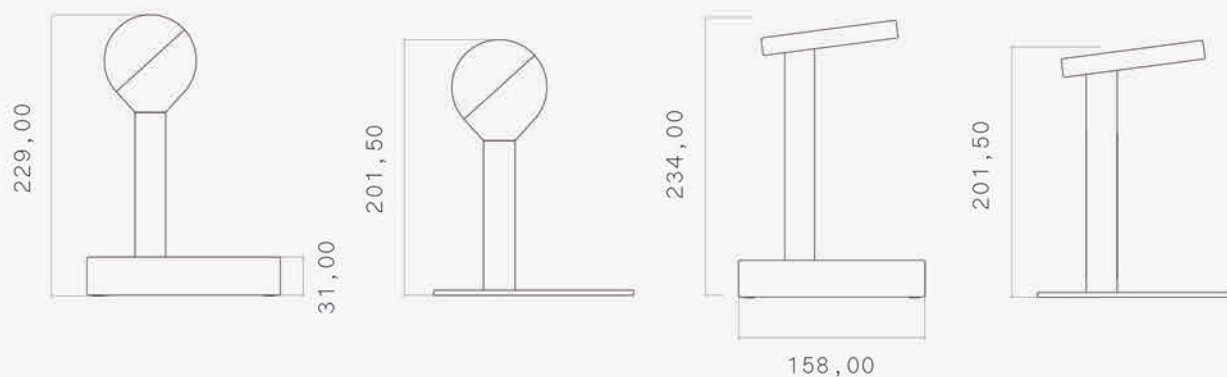
w152 b2

Directable /
Base



w152 i2

Directable /
Integrated



Available colours: Anodised Black, Natural Aluminium

at home

Examples

Bedroom

Table

Living room

Table

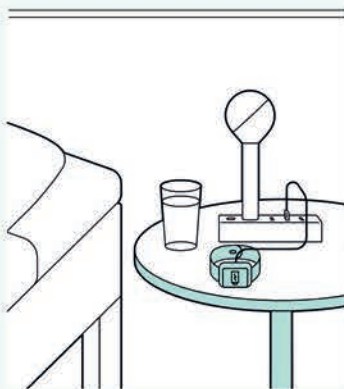
Home Office

Table or Wall
mounting

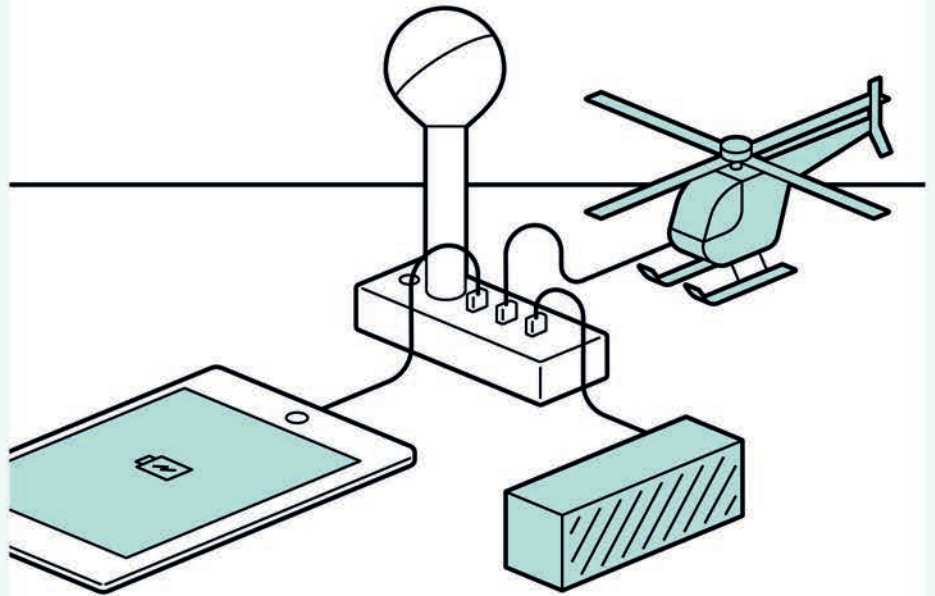


w152 b1

use for example



for the bedroom.



charge up to three devices all at their fastest rate.

USB Toys, Desk Accessories, Bicycle Lights, Bluetooth speakers, wearables

at work

DEVICE

**iPhone 6 / 6 Plus
Samsung
Galaxy S3,
Chromebook
Laptop,
Apple Watch
(2015) ...**

for the office.



use for example

w152 i2

Examples

Workshops

Table or

Wall mounting

Office

Workstations

Table or

Built-in

Office Drop Down

Table or Built-in

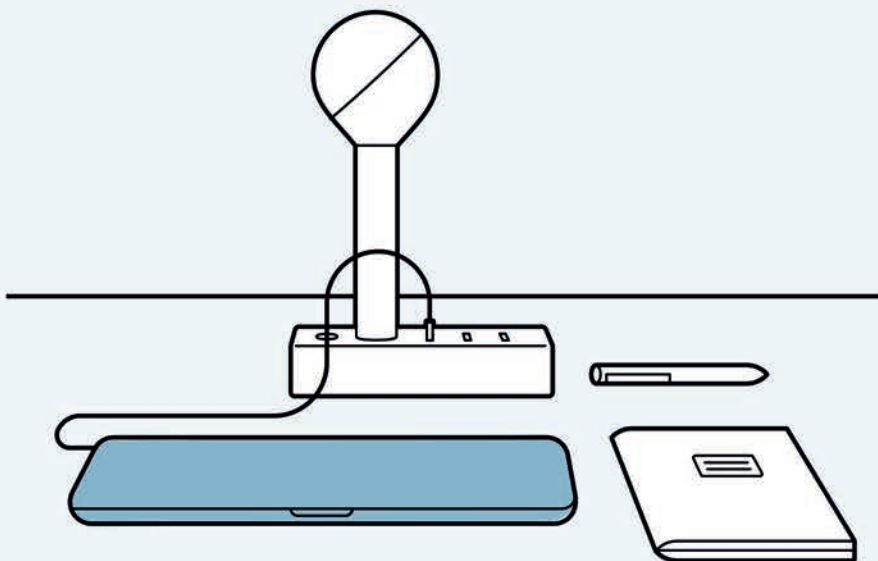
Office Meeting

Rooms

Table or Built-in

Office Lounge

Table or Built-in



in public spaces

Examples

Library

Fixed Table,
Built-in or
Wall mounting

Hotel Rooms

Fixed Table or
Built-in

Receptions

Fixed Table,
Built-in or Wall
mounting

Airports

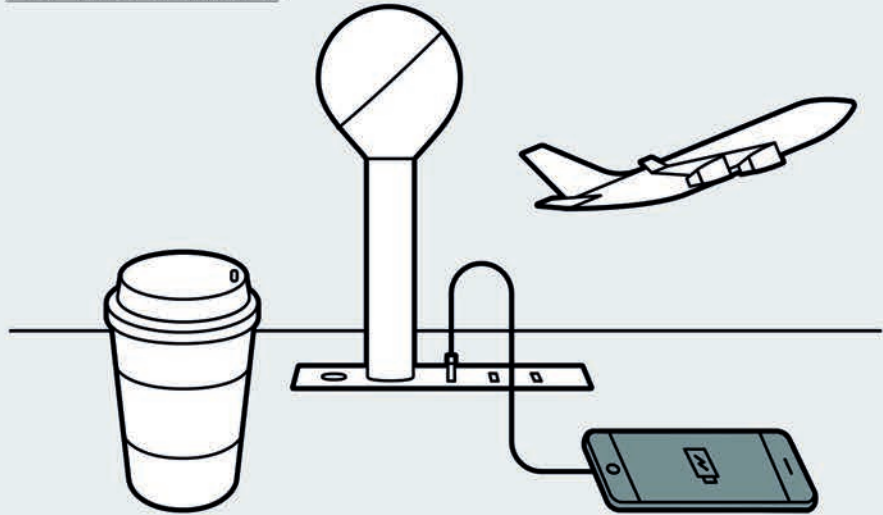
Fixed Table or
Built-in



w152 i1

use for example

for the airport.



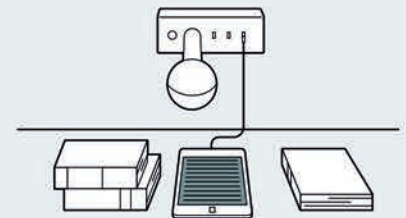
**iPad Mini,
iPad Air 2,
Light
source
6W LED**

(included)

FIXATION

For public spaces
the lamp can be
fixed to the base by
adding a special
“Lock-ring”. This
way the lamp is per-
manently fixed.

for the library.



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