

# DUAL FUNCTIONALITY



SOWDEN



## FROM 240V TO 5V - A RADICAL TRANSFORMATION

Our move from high-voltage 240V to low-voltage **5V** power brings about important changes in safety, efficiency, and application. To make this practical for our lighting products it required research into new technology. We looked for the best to enable the design and development of our own low-voltage LED 'lightbulbs', now in production as the Sowden **LED Disc 01**, the **LED Disc 02**, and the Sowden **LED Tube 01**, giving up to 1500 lumens. We have worked closely with our supplier to offer professional **Li-ion batteries** branded with our logo. Together, they make up the heart of our new application of **DUAL FUNCTIONALITY** lighting, practical and efficient when used as a convenient portable lamp or as safe fixed lighting.

## DUAL FUNCTIONALITY

SOWDEN lamps have been designed and developed with a *DUAL FUNCTIONALITY*: they can be used both as fixed lighting, if connected to a power supply with the USB cable, and as a portable lamp, thanks to the lithium-ion batteries supplied.



### FIXED LIGHTING

When used as **fixed lighting**, for example on a bedside table, between books on a shelf or on an office desk, the *DUAL FUNCTIONALITY* allows direct connection to a power supply with a USB cable.



### PORTABLE LAMP

When used as a **portable lamp**, SOWDEN provides rechargeable 18650 2600mAh lithium-ion batteries that make the lamps convenient even in places where electrical connections are not easily available. By unplugging the USB, the lamp will automatically switch to the batteries provided with the product.

# LONG LIFE TO THE THINGS YOU LOVE



SOWDEN Led Disc 01



SOWDEN Led Disc 02

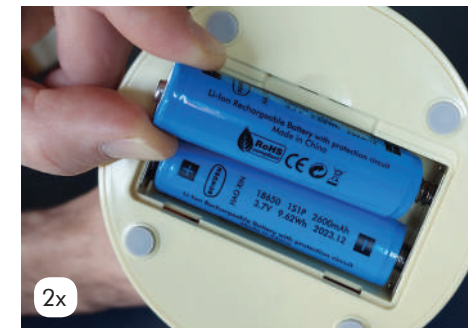


SOWDEN Led Tube 01

The light source and the batteries are easy to install and can be replaced at any time if necessary.

The lamps use a replaceable SOWDEN light source and are equipped with the SOWDEN 18650 2600mAh rechargeable lithium-ion batteries.

## RECHARGEABLE BATTERIES SOWDEN



DUAL FUNCTIONALITY

# LAMP PL1

### Introduction

When used as **fixed lighting**, the **dual functionality** allows direct connection to a power supply with a USB cable.

By **disconnecting** the USB, the lamp will automatically switch to using the battery supplied with the product.

When used as a **portable lamp** it is particularly suitable where electrical power supply is not available. After use reconnect USB to **recharge**.

### Battery

The lamp is supplied with a SOWDEN Li-ion battery 18650, 2600mAh. When the lamp is OFF, recharging the battery with the USB takes about 4 hours.



### Light Source

The lamp is supplied with the SOWDEN Led Disc 01. Light source LED 3.5W. Maximum brightness: 300 lumens.



### Other Information

When connected to the USB, a **red light** indicates that the battery is charging.

When the battery is fully charged, the red light will turn **OFF**.

The SOWDEN battery is easy to install and can be **replaced** if required.

**Flat batteries** can be easily swapped with ones that have **been fully** charged in a **battery charger**, a useful feature in restaurants.

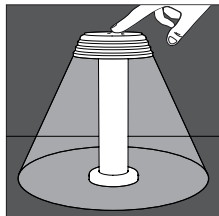
The SOWDEN LED disc light source is **easy to replace** if necessary.

Dimensions: Ø 130 mm, height 240 mm.

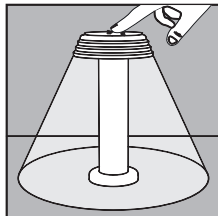
Suitable for indoor and outdoor dry environments.

A fully charged **battery life** is 4 to 24+ hours depending on the brightness level.

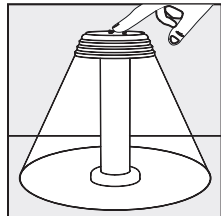
### Choose the brightness:



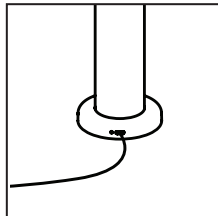
1st TAP - LOW  
Night light  
(24+ hours)



2nd TAP - MEDIUM  
Warm light for  
a dinner table  
(10+ hours)

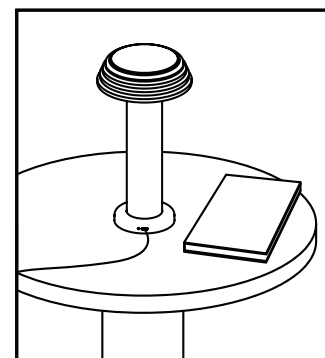
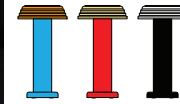


3rd TAP - MAXIMUM  
Ambient light  
(4+ hours)



WHEN CONNECTED  
WITH USB CABLE  
Continuous light at  
any brightness level

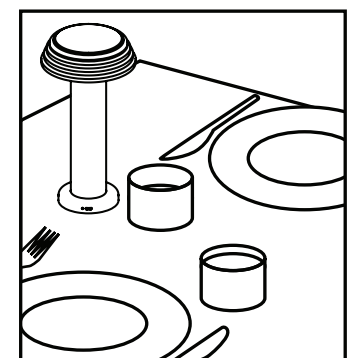
### Colours available:



FIXED LIGHTING

### DUAL FUNCTIONALITY

When you disconnect the USB, the lamp will automatically switch to power from the battery supplied, becoming a portable lamp



PORTABLE LAMP

## DUAL FUNCTIONALITY

# LAMP PL2

### Introduction

When used as **fixed lighting**, the **dual functionality** allows direct connection to a power supply with a USB cable.

By **disconnecting** the USB, the lamp will automatically switch to using the batteries supplied with the product.

When used as a **portable lamp** it is particularly suitable where electrical power supply is not available. After use reconnect USB to **recharge**.

### Battery

The lamp is supplied with 2 SOWDEN Li-ion batteries 18650, 2600mAh. When the lamp is OFF, recharging the batteries with the USB takes about 4 hours.



### Light Source

The lamp is supplied with the SOWDEN Led Disc 01. Light source LED 3.5W. Maximum brightness: 300 lumens.



### Other Information

When connected to the USB, a **red light** indicates that the battery is charging.

When the battery is fully charged, the red light will turn **OFF**.

The SOWDEN batteries are easy to install and can be **replaced** if required.

**Flat batteries** can be easily swapped with ones that have **been fully** charged in a **battery charger**, a useful feature in restaurants.

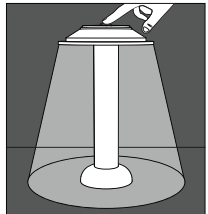
The SOWDEN LED disc light source is **easy to replace** if necessary.

Dimensions: Ø 180 mm, height 320 mm.

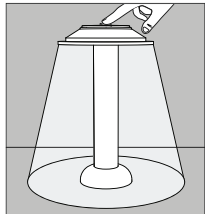
Suitable for indoor and outdoor dry environments.

A fully charged **battery life** is 9 to 36+ hours depending on the brightness level.

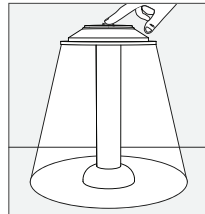
### Choose the brightness:



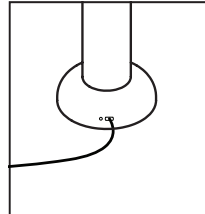
1st TAP - LOW  
Night light  
(36+ hours)



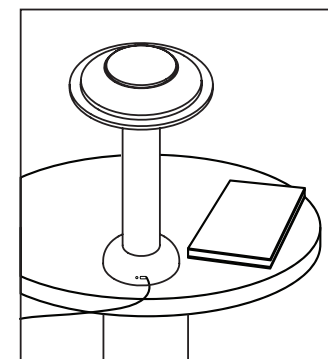
2nd TAP - MEDIUM  
Warm light for  
a dinner table  
(20+ hours)



3rd TAP - MAXIMUM  
Ambient light  
(9+ hours)



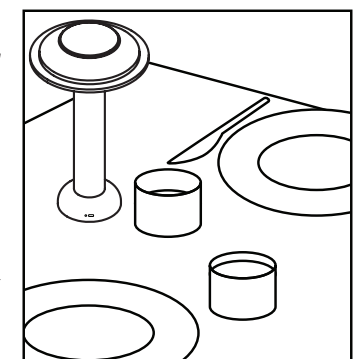
WHEN CONNECTED  
WITH USB CABLE  
Continuous light at any  
brightness level



FIXED LIGHTING

### DUAL FUNCTIONALITY

When you disconnect the USB, the lamp will automatically switch to power from the batteries supplied, becoming a portable lamp



PORTABLE LAMP

NEW

DUAL FUNCTIONALITY

# LAMP PL3

### Introduction

When used as **fixed lighting**, the **dual functionality** allows direct connection to a power supply with a USB cable.

By **disconnecting** the USB, the lamp will automatically switch to using the batteries supplied with the product.

When used as a **portable lamp** it is particularly suitable where electrical power supply is not available. After use reconnect USB to **recharge**.

### Battery

The lamp is supplied with 6x SOWDEN Li-ion batteries 18650, 2600mAh. When the lamp is OFF and connected to the USB the batteries will recharge.



After use as a portable lamp reconnect and leave to charge overnight.

### Light Source

The lamp is supplied with the SOWDEN Led Disc 02. Light source LED 15W. Maximum brightness: 1500 lumens.



### Other Information

When connected to the USB, a **red light** indicates that the battery is charging. When the battery is fully charged, the light will turn green.

The SOWDEN batteries are easy to install and can be **replaced** if required.

**Flat batteries** can be easily swapped with ones that have **been fully** charged in a **battery charger**, a useful feature in restaurants.

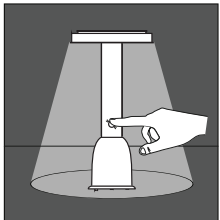
The SOWDEN LED disc light source is **easy to replace** if necessary.

Dimensions: Ø 190 mm, height 360 mm.

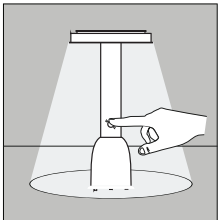
Suitable for indoor and outdoor dry environments.

A fully charged **battery life** is 5 to 24+ hours depending on the brightness level.

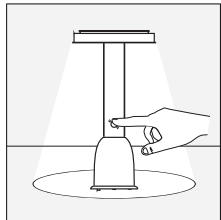
### Choose the brightness:



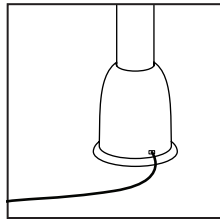
1st TAP - LOW BRIGHTNESS (24+ hours)



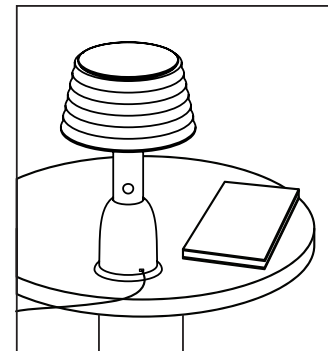
2nd TAP - MEDIUM BRIGHTNESS (10+ hours)



3rd TAP - MAXIMUM BRIGHTNESS (5+ hours)



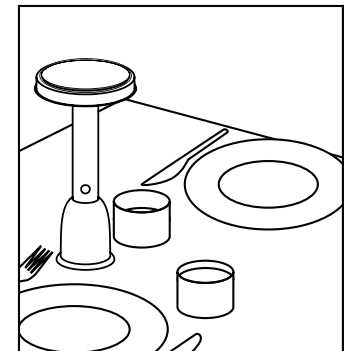
WHEN CONNECTED WITH USB CABLE Continuous light at any brightness level



FIXED LIGHTING

### DUAL FUNCTIONALITY

When you disconnect the USB, the lamp will automatically switch to power from the batteries supplied, becoming a portable lamp



PORTABLE LAMP

## DUAL FUNCTIONALITY

# LAMP PL4

### Introduction

When used as **fixed lighting**, the **dual functionality** allows direct connection to a power supply with a USB cable.

By **disconnecting** the USB, the lamp will automatically switch to using the batteries supplied with the product.

When used as a **portable lamp** it is particularly suitable where electrical power supply is not available. After use reconnect USB to **recharge**.

### Battery

The lamp is supplied with 2 SOWDEN Li-ion batteries 18650, 2600mAh. When the lamp is OFF, recharging the batteries with the USB takes about 4 hours.



### Light Source

The lamp is supplied with the SOWDEN Led Disc 01. Light source LED 3.5W. Maximum brightness: 300 lumens.



### Other Information

When connected to the USB, a **red light** indicates that the battery is charging.

When the battery is fully charged, the red light will turn **OFF**.

The SOWDEN batteries are easy to install and can be **replaced** if required.

**Flat batteries** can be easily swapped with ones that have **been fully** charged in a **battery charger**, a useful feature in restaurants.

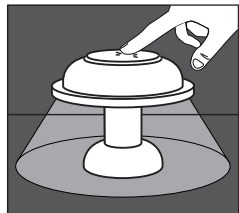
The SOWDEN LED disc light source is **easy to replace** if necessary.

Dimensions: Ø 180 mm, height 160 mm.

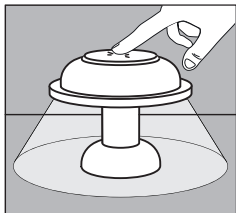
Suitable for indoor and outdoor dry environments.

A fully charged **battery life** is 9 to 36+ hours depending on the brightness level.

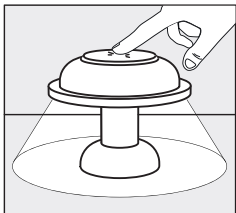
### Choose the brightness:



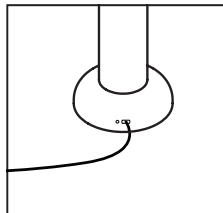
1st TAP - LOW  
Night light  
(36+ hours)



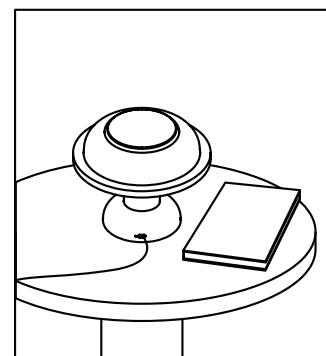
2nd TAP - MEDIUM  
Warm light for  
a dinner table  
(20+ hours)



3rd TAP - MAXIMUM  
Ambient light  
(9+ hours)



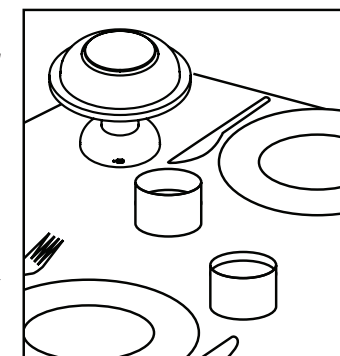
WHEN CONNECTED  
WITH USB CABLE  
Continuous light at  
any brightness level



FIXED LIGHTING

### DUAL FUNCTIONALITY

When you disconnect the USB, the lamp will automatically switch to power from the batteries supplied, becoming a portable lamp



PORTABLE LAMP



DUAL FUNCTIONALITY

# LAMP PL5

### Introduction

When used as **fixed lighting**, the **dual functionality** allows direct connection to a power supply with a USB cable.

By **disconnecting** the USB, the lamp will automatically switch to using the battery supplied with the product.

When used as a **portable lamp** it is particularly suitable where electrical power supply is not available. After use reconnect USB to **recharge**.

### Battery

The lamp is supplied with a SOWDEN Li-ion battery 18650, 2600mAh. When the lamp is OFF, recharging the battery with the USB takes about 4 hours.



### Light Source

The lamp is supplied with the SOWDEN Led Disc 01. Light source LED 3.5W. Maximum brightness: 300 lumens.



### Other Information

When connected to the USB, a **red light** indicates that the battery is charging.

When the battery is fully charged, the red light will turn **OFF**.

The SOWDEN battery is easy to install and can be **replaced** if required.

**Flat batteries** can be easily swapped with ones that have **been fully** charged in a **battery charger**, a useful feature in restaurants.

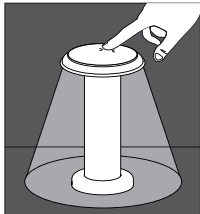
The SOWDEN LED disc light source is **easy to replace** if necessary.

Dimensions: (PL5.01) Ø 130 mm, height 185 mm, (PL5.02) Ø 110 mm, height 185 mm.

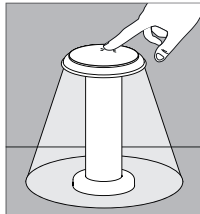
Suitable for indoor and outdoor dry environments.

A fully charged **battery life** is 4 to 24+ hours depending on the brightness level.

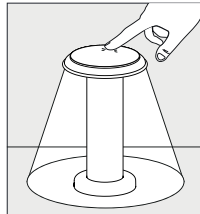
### Choose the brightness:



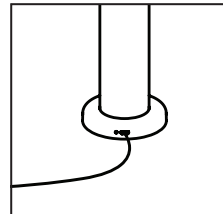
1st TAP - LOW  
Night light  
(24+ hours)



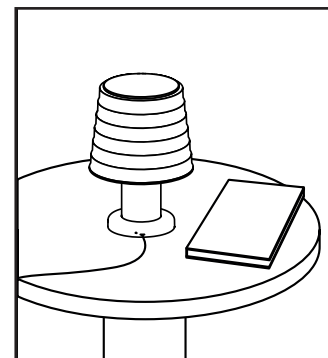
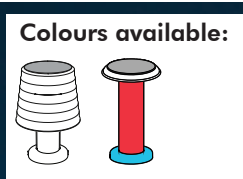
2nd TAP - MEDIUM  
Warm light for  
a dinner table  
(10+ hours)



3rd TAP - MAXIMUM  
Ambient light  
(4+ hours)

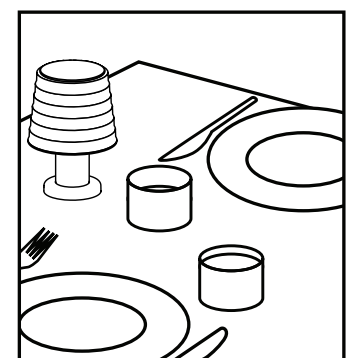


WHEN CONNECTED  
WITH USB CABLE  
Continuous light at  
any brightness level



FIXED LIGHTING

**DUAL FUNCTIONALITY**  
When you disconnect the USB,  
the lamp will automatically  
switch to power from the  
battery supplied, becoming  
a portable lamp



PORTABLE LAMP

NEW

DUAL FUNCTIONALITY

# LAMP PL6

### Introduction

When used as **fixed lighting**, the **dual functionality** allows direct connection to a power supply with a USB cable.

By **disconnecting** the USB, the lamp will automatically switch to using the batteries supplied with the product.

When used as a **portable lamp** it is particularly suitable where electrical power supply is not available. After use reconnect USB to **recharge**.

### Battery

The lamp is supplied with 2 SOWDEN Li-ion batteries 18650, 2600mAh. When the lamp is OFF, recharging the batteries with the USB takes about 4 hours.



### Light Source

The lamp is supplied with the SOWDEN Led Disc 01. Light source LED 3.5W. Maximum brightness: 300 lumens.



### Other Information

When connected to the USB, a **red light** indicates that the battery is charging.

When the battery is fully charged, the red light will turn **OFF**.

The SOWDEN batteries are easy to install and can be **replaced** if required.

**Flat batteries** can be easily swapped with ones that have **been fully** charged in a **battery charger**, a useful feature in restaurants.

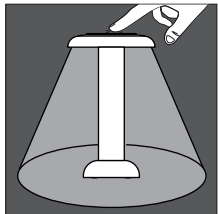
The SOWDEN LED disc light source is **easy to replace** if necessary.

Dimensions: Ø 160 mm, height 260 mm.

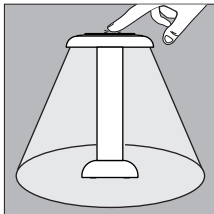
Suitable for indoor and outdoor dry environments.

A fully charged **battery life** is 9 to 36+ hours depending on the brightness level.

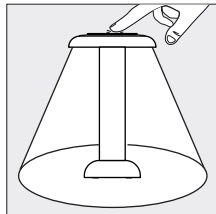
### Choose the brightness:



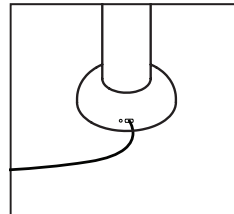
1st TAP - LOW  
Night light  
(36+ hours)



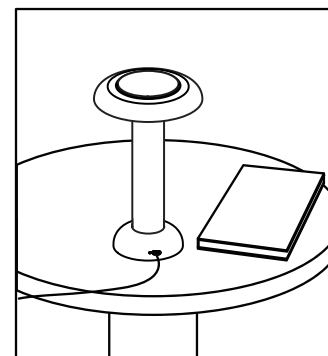
2nd TAP - MEDIUM  
Warm light for  
a dinner table  
(20+ hours)



3rd TAP - MAXIMUM  
Ambient light  
(9+ hours)



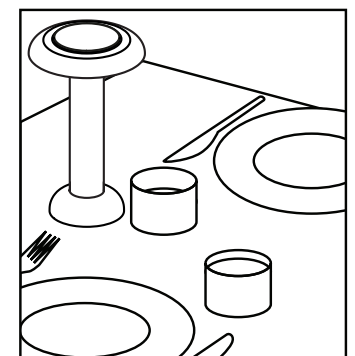
WHEN CONNECTED  
WITH USB CABLE  
Continuous light at any  
brightness level



FIXED LIGHTING

### DUAL FUNCTIONALITY

When you disconnect the USB, the lamp will automatically switch to power from the batteries supplied, becoming a portable lamp



PORTABLE LAMP

NEW

DUAL FUNCTIONALITY

# LAMP TL7

### Introduction

When used as **fixed lighting**, the **dual functionality** allows direct connection to a power supply with a USB cable.

By **disconnecting** the USB, the lamp will automatically switch to using the batteries supplied with the product.

When used as a **portable lamp** it is particularly suitable where electrical power supply is not available. After use reconnect USB to **recharge**.

### Battery

The lamp is supplied with 6x SOWDEN Li-ion batteries 18650, 2600mAh. When the lamp is OFF and connected to the USB the batteries will recharge.



### Light Source

The lamp is supplied with the SOWDEN Led Tube 01. Light source LED 15W. Maximum brightness: 1500 lumens.



### Other Information

When connected to the USB, a **red light** indicates that the battery is charging.

When the battery is fully charged, the light will turn green.

The SOWDEN batteries are easy to install and can be **replaced** if required.

**Flat batteries** can be easily swapped with ones that have **been fully** charged in a **battery charger**, a useful feature in restaurants.

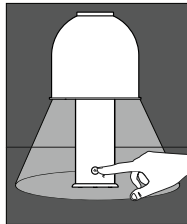
The SOWDEN LED tube light source is **easy to replace** if necessary.

Dimensions: Ø 210 mm, height 400 mm.

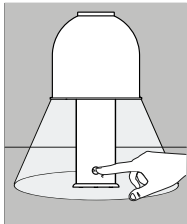
Suitable for indoor and outdoor dry environments.

A fully charged **battery life** is 5 to 24+ hours depending on the brightness level.

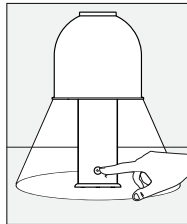
### Choose the brightness:



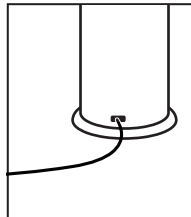
1st TAP - LOW BRIGHTNESS (24+ hours)



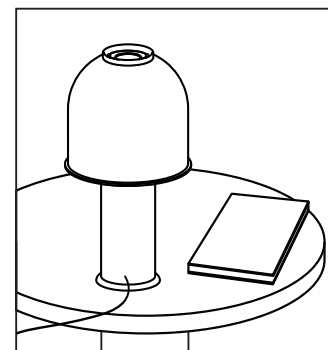
2nd TAP - MEDIUM BRIGHTNESS (10+ hours)



3rd TAP - MAXIMUM BRIGHTNESS (5+ hours)



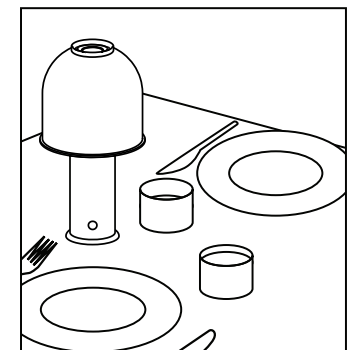
WHEN CONNECTED WITH USB CABLE Continuous light at any brightness level



FIXED LIGHTING

### DUAL FUNCTIONALITY

When you disconnect the USB, the lamp will automatically switch to power from the batteries supplied, becoming a portable lamp



PORTABLE LAMP

**SOWDEN**

Corso di Porta Nuova 44, 20121 Milano - ITALIA  
info@sowdenlight.com

Photo credits: Alice Fiorilli

[www.sowden.it](http://www.sowden.it)