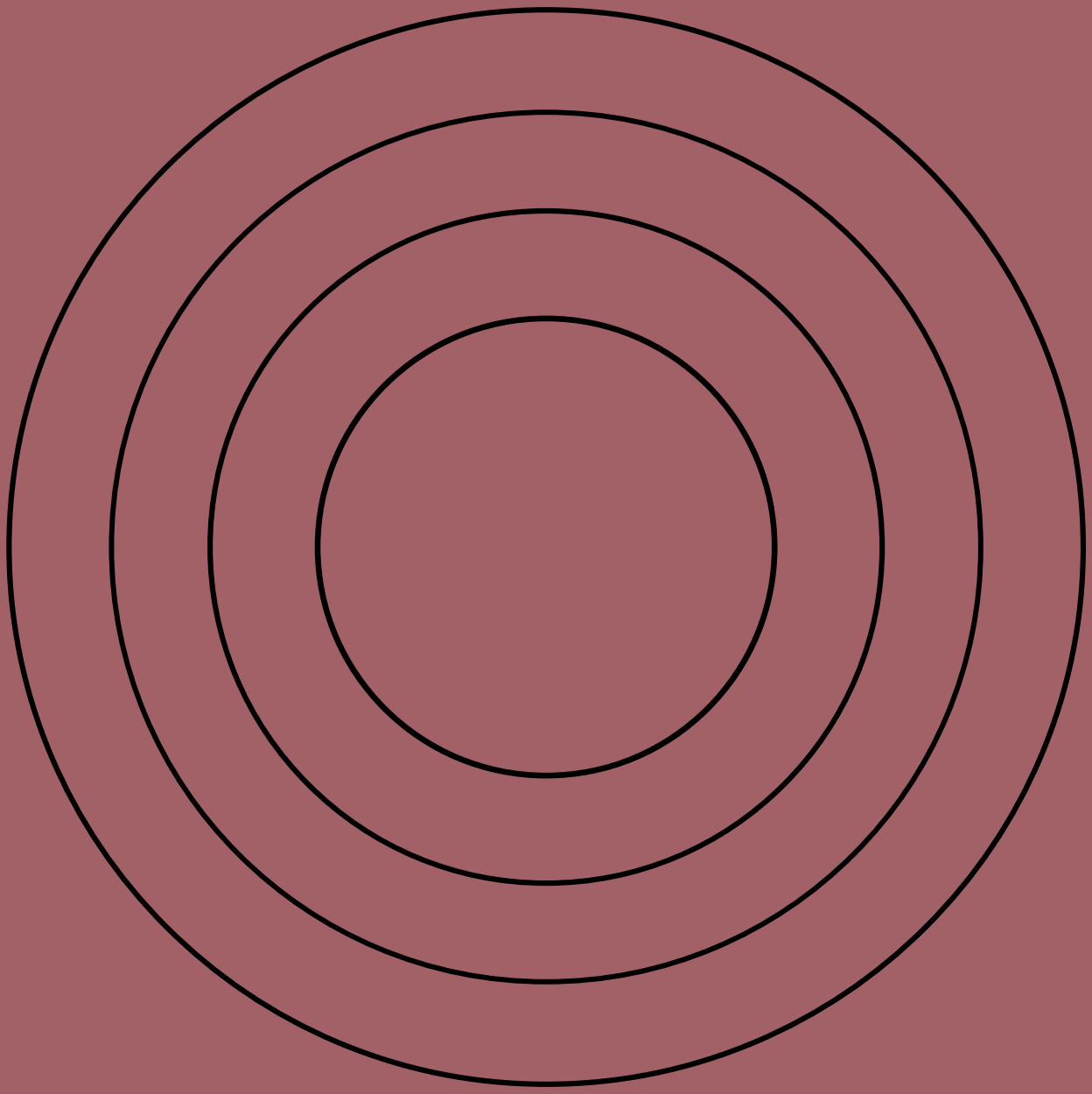
wästberg

2024



Fluid precision

Product: w225 Ion

Don’t let w225 Ion’s delicate lines deceive you: This is the ultimate result of research, a journey into light technology and mechanical engineering. Behind its understated lines lies a beautifully configurable system of light. Its mechanics centre around a highly sophisticated miniature friction joint with cordless power connection, allowing 360° rotation. From wide-angle workspace illumination to focused bedside reading light, w225 Ion is truly designed for versatility – while offering light that is nothing short of exceptional.

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Design: Dirk Winkel, 2022

Features:
Exceptional light
Cordless 360° joint
Endless possibilities
Two angles of light
Full-spectrum LED

# Exceptional light

The lighting technology in w225 Ion is the result of a perfect balance between several ingenious components, each playing its own role in delivering exceptionally high-performance illumination. The state-of-the-art-full-spectrum COB LED provides absolutely stunning light further refined by a high-quality lens. A sophisticated heat management system and effective glare protection optimise the lifespan and performance of the LED, while allowing for comfortable use.

## A choice of two colour temperatures

The light is available in two different colour temperatures – 2700 K or 3000 K.

2700 K

3000 K

## Two angles of light

Available in two different optical systems, depending on the light you want to create: wide and even, or narrow with a clear-cut spotlight definition.

## Full-spectrum LED

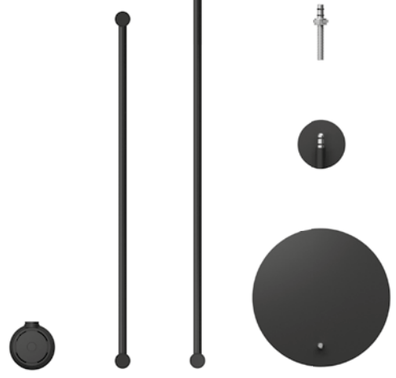
Designed to recreate the full, uninterrupted colour spectrum of sunlight, full-spectrum light has a rich, profound quality that is impossible to achieve with the limited spectrum of a standard LED. Full-spectrum light also offers superior colour rendering, making it an ideal choice for environments where correct colour perception is a vital aspect.

# Cordless 360° joint

The core of w225 Ion's mechanical design is its miniature friction joint, the result of dedicated research and development. While akin to the joints used in modern laptops, this solution features a much wider movement range of 360°. Solidly built, it allows for fluid yet exact positioning at any angle – and then stays put, even after countless readjustments.

## Raw

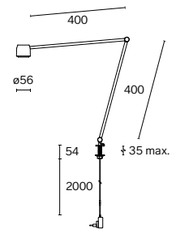
w225 Ion is available in a tumbled raw aluminium finish, with no added coatings or protective treatments. This allows for resource-efficient production, easier recycling, and a graceful ageing process. Already from the start, its naturally textured surface, that may show imperfections from the production process, has a rich, tactile depth; over time, marks, stains, fingerprints, and oxidation will evolve into a beautiful, distinctive patina.



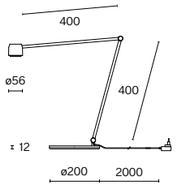
## Endless possibilities

A choice of arms in two different lengths, combined with various mounting options, allows for a wide range of lighting possibilities. Task light or reading light, floor lamp or wall mounted – it's all up to you. All elements are available in black or white. In 2024 we introduce an additional tumbled raw aluminium finish for some versions.

**w225 lon p4040**




**w225 lon b4040**




# Technical information

| Physical | |
|---|---|
| **Material** | Lamp body & wall bracket: aluminium<br>Base & pin: steel |
| **Optics** | Glare shade: polyamide<br>Lens: polycarbonate |
| **IP rating** | 20 |
| **Protection class** | III |

| LED | |
|---|---|
| **Light source** | COB LED (included) |
| **Lifetime expectancy** | L80 / 50,000 h |
| **CRI Colour rendering index** | 97 |
| **SDCM** | 3-step MacAdam |
| **Replaceable by a professional** | |

**More technical information online**
wastberg.com/en/w225-ion

# Article-specific information

| | |
|---|---|
| **Version** | p4040 |
| **Mounting** | Pin – integrated (hole ø 14 mm) |
| **LED Colour temperature (CCT) / Luminous flux** | 3000 K / 439 lm |
| **Voltage / System power** | 100–240 V / 6.3 W |
| **Beam angle / Optics** | Wide / Lens |
| **Light control** | Dimmable |
| **Net weight** | 0.3 kg |

| Colour / Finish | Art. No. / EAN code |
|---|---|
| **Traffic white** | **225P40400230W** / 7330492000565 |
| **Jet black** | **225P40400530W** / 7330492000572 |
| **Raw tumbled** | **225P40402030W** / 7330492001852 |

| Accessories | Art. No. / EAN code |
|---|---|
| **Adapter suitable for USM Haller Table** | **225ACC001** / 7330492002002 |
| **Adapter suitable for USM Haller Shelf** | **225ACC006** / 7330492002019 |
| **Adapter suitable for Vitra Joyn 2** | **225ACC002** / 7330492002026 |
| **Adapter suitable for Vitra Tyde 2** | **225ACC003** / 7330492002033 |

| | |
|---|---|
| b4040 | |
| Table | |
| 3000 K / 439 lm | |
| 100–240 V / 6.3 W | |
| Wide / Lens | |
| Dimmable | |
| 3.1 kg | |

| Art. No. / EAN code | |
|---|---|
| **225B40400230W** / 7330492000541 | |
| **225B40400530W** / 7330492000558 | |
| **225B40402030W** / 7330492001845 | |

| Art. No. / EAN code |
|---|
| |
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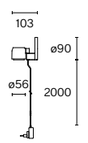
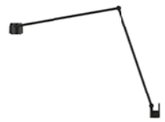
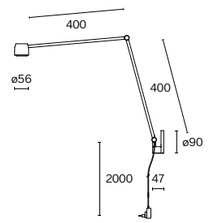
**w225 lon br0**

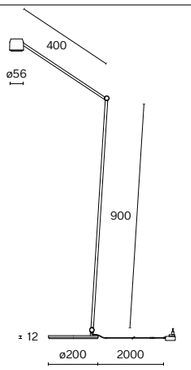



**w225 lon br4040**






**w225 lon b9040**




# Technical information

| | |
|---|---|
| **Physical** | |
| **Material** | Lamp body & wall bracket: aluminium<br>Base & pin: steel |
| **Optics** | Glare shade: polyamide<br>Lens: polycarbonate |
| **IP rating** | 20 |
| **Protection class** | III |
| **LED** | |
| **Light source** | COB LED (included) |
| **Lifetime expectancy** | L80 / 50,000 h |
| **CRI Colour rendering index** | 97 |
| **SDCM** | 3-step MacAdam |
| **Replaceable by a professional** | |

**More technical information online**
wastberg.com/en/w225-ion

# Article-specific information

| **Version** | br0 | br4040 | b9040 |
|---|---|---|---|
| **Mounting** | Wall | Wall | Floor |
| **LED Colour temperature (CCT) / Luminous flux** | 2700 K / 380 lm<br>3000 K / 405 lm | 3000 K / 439 lm | 2700 K / 380 lm<br>3000 K / 405 lm |
| **Voltage / System power** | 100–240 V / 6.3 W | 100–240 V / 6.3 W | 100–240 V / 6.3 W |
| **Beam angle / Optics** | Narrow / Lens | Wide / Lens | Narrow / Lens |
| **Light control** | Dimmable | Dimmable | Dimmable |
| **Net weight** | 0.3 kg | 0.4 kg | 3.2 kg |

| **2700 K Colour temperature (CCT)** | **Art. No. / EAN code** | **Art. No. / EAN code** | **Art. No. / EAN code** |
|---|---|---|---|
| **Traffic white** | **225BR00227N** / 7330492000664 | | **225B90400227N** / 7330492000602 |
| **Jet black** | **225BR00527N** / 7330492000671 | | **225B90400527N** / 7330492000619 |
| **Raw tumbled** | **225BR02027N** / 7330492001906 | | |

| **3000 K Colour temperature (CCT)** | **Art. No. / EAN code** | **Art. No. / EAN code** | **Art. No. / EAN code** |
|---|---|---|---|
| **Traffic white** | **225BR00230N** / 7330492000640 | **225BR40400230W** / 7330492000626 | **225B90400230N** / 7330492000589 |
| **Jet black** | **225BR00530N** / 7330492000657 | **225BR40400530W** / 7330492000633 | **225B90400530N** / 7330492000596 |
| **Raw tumbled** | **225BR02030N** / 7330492001890 | **225BR40402030W** / 7330492001883 | |