

## Ceiling Light + LED Downlight - Circular - BONN Black - Adjustable Power 18W - 16W - 14W - 12W - 5CCT - SMD2835 140Lm/W - IP44



### Product code:

Reference: PNRSB18W-CCT-91722

### Technical specifications:

REFERENCE: PNRSB18W-CCT-91722  
Rated Power : 18w  
Nominal Voltage: 220V-240V  
Colour: 5CCT - 2700K-3000K-4000K-5000K-6000K  
CRI - Chromatic Rendiment Index: 85  
Construction Material: PC Fireproof  
Luminosity-Lm: Max: 2160Lm  
Number & Type of LEDs: SMD 2835  
Beam Angle (°): 120°  
Luminous diodo LED (Lm/W): 140 Lm/W  
Luminous Efficiency (Lm/W): 100 Lm/W  
Certifications: CE, CMIM, RoHS  
IP : IP44  
Dimensions (mm): Φ220xH18mm  
Frequency (Hz): 50/60Hz  
Temperature Range (°C): -20°C ~ +55°C  
On/Off Cycles: 100.000  
Starting Time (s): 0,2s  
Cut-out Size (mm): Min. Φ50mm - Max 180mm  
Driver included: DRIVER NO FLICK  
Energy Rating (2021-UE-2019/2015): A+  
Energy Rating (2023 - UE-2019/2015): F  
Warranty Years: 3  
Units per masterbox: 20

### Product short description:

**The Ceiling Light + LED Downlight Circular BONN** is the versatile and efficient lighting solution your space needs. **With adjustable power (18W - 16W - 14W - 12W) and selectable color temperature (2700K, 3000K, 4000K, 5000K, and 6000K)**, it adapts to any environment.

Its high brightness of **140Lm/W** and 120° beam angle make it perfect for illuminating homes, offices, or shops. Additionally, its modern design and IP44 protection rating make it an ideal choice for both recessed or surface mounting, combining style and functionality.

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Ceiling Light + LED Downlight - Circular - BONN Black - Adjustable Power 18W - 16W - 14W - 12W - 5CCT - SMD2835 140Lm/W - IP44

The Circular LED Ceiling + Downlight BONN is much more than a simple luminaire; it is an integrated lighting solution designed to meet the most demanding requirements for functionality, energy efficiency, and modern design. With its adjustable power and color temperature, combined with high brightness and durability, it is the perfect choice for any space looking for superior quality lighting.

#### Adjustability in Power and Color Temperature:

One of the standout features of this product is its multipower system and color temperature selection, making it an extremely versatile luminaire. The ability to choose from several configurations in a single device allows you to reduce the inventory of different products and have multiple options in one.

Thanks to its CCT selector located on the back, you can adjust the light tone to perfectly suit each space. From **Warm White (2700K)**, ideal for creating a cozy atmosphere in living rooms, to **Cool White (6000K)**, perfect for spaces where clear and stimulating light is needed, such as offices or work areas. Each color temperature setting provides a visual experience tailored to different lighting needs.

#### Exceptional Luminous Performance:

Equipped with **SMD2835 diodes of 140 Lm/W**, this ceiling + downlight guarantees excellent luminous efficacy, offering high brightness that allows for wide coverage without the need for multiple light sources. The 120° beam angle is ideal for providing uniform lighting in any environment, from homes to stores and offices, standing out for its ability to illuminate large areas with soft yet effective light.

Furthermore, the color quality and longevity of these SMD2835 diodes surpass many other types of diodes on the market, ensuring not only high-quality light but also a long product lifespan, reducing the need for frequent maintenance and replacement.

#### Modern and Functional Design:

The elegant and minimalist design of the **BONN** makes it a piece that effortlessly adapts to any decor style. Its versatility allows it to be installed both as a recessed downlight in the ceiling, providing a clean and discreet appearance, or as a surface-mounted ceiling light, standing out as a functional decorative element.

Thanks to its **IP44 protection rating**, the **BONN** is moisture and dust resistant, making it ideal for a variety of applications, including areas such as bathrooms or kitchens, where

# Technical Datasheet

durable and quality luminaires are essential.

### Applications and Uses of the BONN Black Circular Ceiling Light 5CCT

This product can be applied in multiple environments, being a perfect option for:

- **Homes:** Ideal for creating warm and inviting atmospheres in living rooms, bedrooms, and hallways.
- **Offices:** Provides clear and focused light in work areas, promoting productivity.
- **Stores and Commercial Spaces:** Optimally illuminates products, helping to highlight merchandise and attract customers with high-quality light.
- **Hotels and Restaurants:** Creates elegant and comfortable atmospheres that enhance the customer experience in these spaces.
- **Multipurpose Spaces:** Any place that requires flexible, durable, and high-performance lighting can benefit from the unique characteristics of the **BONN**.

The **Circular LED Ceiling + Downlight BONN**, in addition to all its advanced features, is available in **White and Black**, allowing you to seamlessly integrate it into any type of decor. Whether you prefer a clean and minimalist white finish or a modern and elegant black accent, this product adapts to your aesthetic needs.

At FactorLED we ensure that our products are **QUALITY** guaranteed and offer all the necessary elements for **DISTRIBUTION, IMPORT** or **WHOLESALE**, including the technical data sheet of each LED product.

**Additional images:**

