

## 5W - 8W - 12W LED Downlight White - Bridgelux Chip - UGR11 - CCT - CRI+92



### Product code:

Reference: 90594

### Technical specifications:

REFERENCE: 90594  
Rated Power : 5W-8W-12W  
Nominal Voltage: 85V-265V  
Colour: SELECTABLE COLOUR: 3000K-4000K-6000K  
CRI - Chromatic Rendiment Index: 92  
Construction Material: Aluminium+PC  
Luminosity-Lm: 1200Lm  
Number & Type of LEDs: COB Bridgelux Chip 2630 DS-C30  
Beam Angle (°): 40°  
Luminous diodo LED (Lm/W): 130Lm/W  
Luminous Efficiency (Lm/W): 100 Lm/W  
Certifications: CE - ROHS  
IP : IP20  
Diode Life Expectancy (H): 35.000  
Dimensions (mm): Ø85X67mm  
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): Ø75mm  
Glare Rating (UGR): 11  
Impact Protection (IK) : IK10  
Driver included: YES  
Energy Rating (2021-UE-2019/2015): A+  
Energy Rating (2023 - UE-2019/2015): F  
Warranty Years: 3

### Product short description:

**Circular WHITE** aluminum  
**LED Downlight** with **5W - 8W - 12W** power (Selectable power on the Driver). With an opening angle of 40°, so the lighting is more direct to focus the light on specific points. Easy assembly and installation. High color rendering index + 92- Expert Color-. Low glare **UGR 11. CCT: SELECTABLE COLOR: 3000K-4000K-6000K.**

### Product description:

5W - 8W - 12W LED Downlight White - Bridgelux Chip - UGR11 - CCT - CRI+92

Our new **circular 5W - 8W - 12W led downlight** is made of Aluminum, it has a very modern design with a high quality finish. It has an opening angle of **40°** which makes it an ideal luminaire for targeting very specific areas for professional lighting. Its aluminum material has great advantages, since it avoids **long-term oxidation**, it is very resistant to humid areas or saline environments.

The **LED downlights** mounts a **COB** with **Bridgelux Chips** 2630 DS-C30, of **high luminosity**, with a color rendering index of +93, which achieves a very high quality in the reproduction of colors. The very high level of **CRI** (Color Rendering Index) of over **92** stands out, resulting in light quality with perfect color reproduction. The diffuser and its design guarantee uniform lighting without glare.

It has a very low glare factor (**UGR 11**) that makes it perfect for work areas such as offices, conference rooms, classrooms, libraries, etc. The glare caused by lighting can have a negative influence on people, since a comfortable lighting environment is needed to help us in our tasks, a **good level of lighting together with a low level UGR** (Glare Index) increases the feeling of well-being of workers, which contributes directly to the level of productivity.

Low glare levels are required in the work zone regulations in all places where long periods of time are spent exposed to artificial light, being very important in offices, educational centers, work areas, etc.

Its installation is very simple and only requires a cut to measure the product on the surface where it will be embedded. By choosing LED lighting, we not only choose to save on the electricity bill, but we also opted for a more ecological technology, of higher quality and with a duration 10 times longer than that of traditional lighting systems.

Decorate your interior spaces and start saving on your electricity bill, with LED technology you can reduce up to 80% in energy. In addition to saving, you help to take care of the planet since they are non-polluting products.

Applications of the 5W - 8W - 12W LED Downlight White - Bridgelux Chip - UGR11 - CCT - CRI+92

Notice: Product subject to change without prior notice. Ensure to use the most recent technical datasheet.

# Technical Datasheet

- Bathrooms
- Hallways
- Lounges
- Stores

In FactorLED we ensure that our products have a QUALITY guarantee and offer all the necessary elements for the DISTRIBUTION, IMPORT or WHOLESALE, including the technical data sheet of each LED product.

## Additional images:

