Technical Datasheet

24W LED Downlight Round - OSRAM CHIP DURIS E 2835 - CCT - UGR17

Product code:

Reference: 90844

Technical specifications:

REFERENCE: 90844
Rated Power : 18W - 20W - 22W - 24W
Nominal Voltage: 85-265V
Colour: 2700K - 3000K - 4000K - 5700K
CRI - Chromatic Rendiment Index: 85
Construction Material: Aluminiun+PC
Luminosity-Lm: 3000
Number & Type of LEDs: SMD 2835 OSRAM CHIP
Beam Angle (º): 120º
Luminous diodo LED (Lm/W): 140 Lm/W
Luminous Efficiency (Lm/W): 125 Lm/W
Certifications: CE - ROHS
IP : IP20
Diode Life Expectancy (H): 40.000
Dimensions (mm): Ø225mm * H20mm
Frequency (Hz): 50/60Hz
Temperature Range (ºC): -20°C ~ +55°C
On/Off Cycles: 100.000
Starting Time (s): 0,2s
Cut-out Size (mm): Ø 200mm * H40mm
Glare Rating (UGR): 17
Driver included: YES
Energy Rating (2021-UE-2019/2015): A+
Energy Rating (2023 - UE-2019/2015): E
Warranty Years: 3

Product short description:

Downlight LED 24W OSRAM CHIP DURIS E 2835, designed to provide **160LM/W of high brightness** and maximum energy efficiency. It features a **4CCT color temperature selector** and a **power selector 18W-24W**, integrated into the **GXTronic driver**. With **CRI+80** and **UGR17**, it ensures high-quality lighting without glare. Its **120º beam angle** allows for uniform light distribution. **Start saving on your electricity bill from day one with high-performance LED technology!**

Product description:

24W LED Downlight Round - OSRAM CHIP DURIS E 2835 - CCT - UGR17

Discover the perfect combination of power, efficiency, and versatility with our **Downlight LED 24W OSRAM CHIP DURIS E 2835** , designed to adapt to any space with optimized energy consumption. Thanks to its advanced technology and modern design, this downlight provides high-quality lighting, ideal for commercial spaces, offices, hotels, restaurants, and homes looking for an efficient and adaptable solution.

Adjustable lighting for every need
This LED downlight features a **4CCT color temperature selector (2700K-3000K-4000K-5700K)** , allowing you to choose between warm, neutral, or cool light depending on the environment. From cozy lighting to bright white light for workspaces, this adjustment system offers maximum customization.

Additionally, it includes a **power selector (18W-20W-22W-24W)**, allowing you to adjust energy consumption and light intensity without losing efficiency, offering a performance of **160LM/W**.

Guaranteed quality and visual comfort
. **OSRAM DURIS E 2835 Chip:** Equipped with one of the best LED technologies on the market, ensuring high luminous efficiency and superior performance.
. **CRI+80:** Accurately reproduces colors, enhancing the visual perception of spaces and objects.
. **UGR17:** Glare-free lighting, ideal for offices, educational centers, and any environment requiring prolonged visual comfort.
. **120º beam angle:** Ensures uniform light distribution, eliminating dark spots or bothersome shadows.

Functional and durable design
Made from high-quality materials, its white oven-lacquered aluminum structure provides excellent heat dissipation, ensuring longer LED lifespan and improved thermal efficiency.

Its minimalist design allows for seamless integration into any type of ceiling. With a **225 mm** diameter and a **200 mm** cut-out, it is ideal for recessed installations, offering a clean and professional finish.

Recommended applications
Thanks to its versatility and high efficiency, this downlight is perfect for:

. **Offices and meeting rooms:** Uniform lighting with no glare.

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. **Shops and storefronts:** Enhances products with clear, vibrant light.
. **Restaurants and hotels:** Creates cozy atmospheres with different color temperatures.
. **Hospitals and educational centers:** Uniform and comfortable lighting for work and study spaces.
. **Modern homes:** Ideal for kitchens, living rooms, and hallways requiring efficient lighting.

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

Additional images:

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