

Item number / [CE.DL20-12WH](#)

12W LED Dimmable Downlight – Deep Cone | White

60° Beam | Anti-Glare | Cerian (CE.DL20-12WH)
High-Performance Recessed LED Downlight for Precision Lighting
The Cerian 12W LED Dimmable Downlight is engineered to deliver superior clarity, reduced glare, and focused illumination for modern commercial and residential environments. Its deep-cone anti-glare design ensures precise beam control and high visual comfort, making it ideal for high ceilings, display lighting, and architectural applications.
Utilising advanced COB LED technology, this downlight provides strong, uniform light output without the diffusion losses associated with frosted lenses. The result is brighter, clearer, and more energy-efficient illumination—perfect for hotels, retail spaces, homes, museums, and renovation projects.

Application

Residential, commercial Outdoor areas 1080 LM
Product Size: D83mm*76mm

Design Specifications

Specification	Details
Brand	Cerian
Parent SKU	CE.DL20-12WH
Wattage	12W
Cut-Out Size	75 mm
Beam Angle	60°
CCT	3CCT / 3000k-4000k-6500k
CRI	≥90
Input Voltage	AC 100–240V
Frequency	50 / 60 Hz
Power Factor	≥0.9
Material	Die-cast aluminium
IP Rating	IP44
Operating Temperature	–20°C to +50°C
Installation	Recessed
Dimming	yes , Optional: Trailing Edge, 1–10V, DALI / DSI
Lifespan	50,000 hours
LED Type	COB LED





Dimensions

Key Features

- High-Efficiency 12W COB LED**

Delivers powerful, clean light with up to **95 lm/W** efficiency.

- 60° Beam Angle**

Optimised for focused yet comfortable illumination in high-ceiling and task-oriented areas.

- Deep Cone Anti-Glare Design**

Enhances visual comfort while maintaining brightness and clarity.

- High CRI 90**

Excellent colour accuracy, ideal for retail, galleries, and display lighting.

- Dimmable Options**

Compatible with:, Trailing Edge 1–10V, DALI / DSI

(Select the dimming option suitable for your installation.)

- Durable Aluminium Construction**

Die-cast aluminium housing ensures efficient heat dissipation and long-term reliability.

- Long Lifespan**

COB LED chip with adhesive thermal layer for enhanced stability and up to **50,000 hours** of operation.

Feature

1. Energy Saving——Constant current driver, ultra-low consumption, high efficiency
2. Environment friendly——No BLUE LIGHT
3. High brightness——Adopting High brightness LEDs.
4. Long Lifespan——Lower light attenuation, lifespan more than 50,000 hours.
5. Special Design——Unique structure ,no pollution, No radiation, beautify your room.

