



Downlight

AM242502936

Product Identification

Series: Ambient Halo
Product Type: Recessed LED Downlight
Mounting: Ceiling Recessed
Environment: Indoor

Applications

General lighting for residential, commercial and retail interiors.

Optical Data

Light Source: LED PCB
Beam Direction: Direct
Beam Angle: 120°
Diffuser: Opal Acrylic
UGR: <21

Electrical Data

Wattage: 12W
Input Voltage: 220–240V AC, 50/60Hz
Driver Type: On/Off
Power Factor: ≥ 0.90
THD: <10%
Surge Protection: 2.5kV
Protection Class: Class II
Luminous Flux: 1200 lm
Lumen Efficacy: 100 lm/W

Mechanical Data

Housing: Aluminium Die Cast
Finish: White/Black
Ingress Protection: IP20
Operating Temperature: 0°C to +45°C

Dimensions

Diameter: D 145 mm
Cut-out: 125 mm

Installation

Indoor luminaire suitable for recessed ceiling installation.

LED Technology

Lifetime : L70B10: >50,000 Hours
CRI: >80 & CRI>90
Colour Consistency: SDCM 3

Controls

Standard Switchable On/Off



Available Variants

Power Options: 8W – 50W (based on dimensions)

Optics & Visual Comfort:

- Opal Acrylic / Clear Glass / Frosted Glass Diffuser – UGR <21
- Prismatic Diffuser – UGR <19

Light Quality:

- **CCT Options:** 3000K / 4000K / 6000K / 6500K / 3000–6500K (Tunable)
- **CRI:** >90

Driver Options:

On/Off · DALI · DALI Tunable · Phase-cut Dimming · Casambi · Flicker-Free · IoT.

Mounting Options:

Recessed / Surface Mounted

Shape Options:

Round / Square (Deep recessed lights available)

Finish Options:

Black · White · Custom

Casing:

Aluminium · ABS · Metal

Dimensions:

- **Diameter (Ø):** Available in multiple sizes

Customization

Custom configurations are available on request to meet project-specific requirements. The specifications shown correspond to the product configuration referenced on this page.

