



Cylindrical Light

AM242500244



Product Identification

Series: Halo Beam - Cylindrical Downlight
Product Type: LED Luminaire
Mounting: Surface Mounted / Suspended
Environment: Indoor

Applications

General lighting for residential, commercial and retail interiors.

Optical Data

Light Source: LED COB
Beam Direction: Direct
Beam Angle: 120°
Diffuser: Clear Glass
UGR: <21

Electrical Data

Wattage: 18W
Input Voltage: 220–240V AC, 50/60Hz
Driver Type: On/Off
Power Factor: ≥0.95
THD: ≤10%
Surge Protection: 2.5kV
Protection Class: Class II
Luminous Flux: 1800 lm
Lumen Efficacy: 100 lm/W
Efficiency: 90%

Mechanical Data

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

Dimensions

Dimensions: Ø100 × H150 mm

Installation

Indoor luminaire suitable for surface-mounted or suspended installation.

LED Technology

Lifetime: L70B10 >50,000 Hours
CRI: >80
Colour Consistency: SDCM 3
CCT: 3000K / 4000K / 5700K / 6500K

Controls

Standard Switchable On/Off

Available Variants (Across Suspended & Surface Mounted Lights)

Power Options: 3W – 50W (based on dimensions)
Light Source Options: LED PCB / LED COB

Optics & Visual Comfort:

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

- Reflectors available
- **Beam Angle:** 24° / 36° / 60° / 120° (120° available only with diffuser)

Light Quality:

- **CCT Options:** 2700K / 3000K / 4000K / 5700K / 6000K / 6500K / 3000–6500K (Tunable)
- **CRI:** >90
- **Colour Consistency:** SDCM ≤3

Driver Options:

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

Mounting Options:

Suspended / Surface Mounted

Finish Options:

Black · White · Custom

Casing:

Aluminium · CRCA · Metal

Dimensions:

- Multiple diameters and lengths available

Customization

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

