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ABTECH Lighting Solutions

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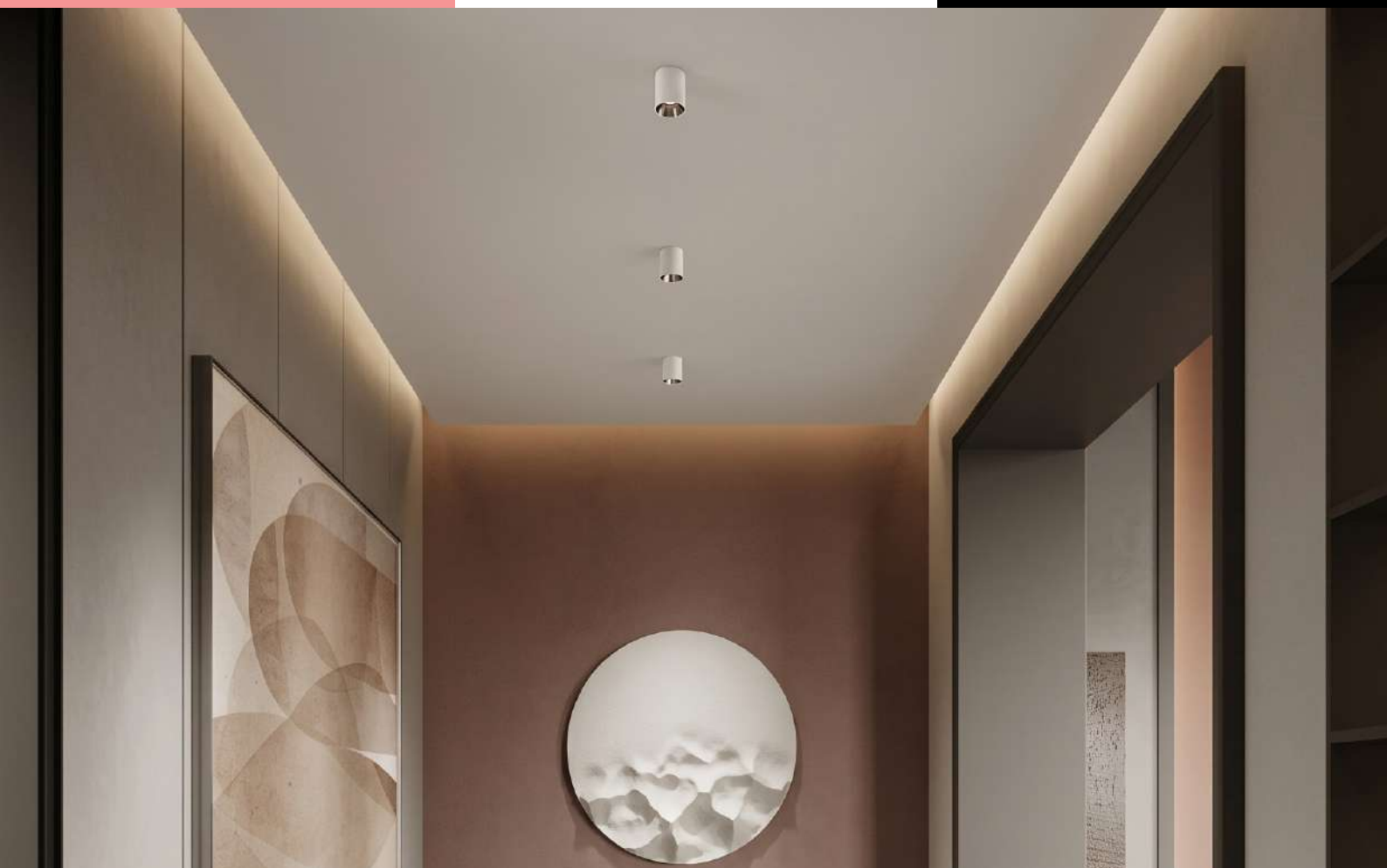
DATASHEET Surface Mounted IP65

Surface-mounted Glare Downlight



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Surface Mounted IP65



Description

Surface-mounted cylindrical downlight designed for architectural ceiling applications, combining IP65 protection, anti-glare optics, and flexible customization in LED chip, CCT, beam angle, finish, and driver system.

APPLICATIONS

- Bathrooms and humid areas
- Corridors and entrances
- Hospitality interiors
- Residential ceiling lighting
- Retail and commercial spaces
- Covered outdoor / semi-outdoor areas

Key Feature

- **Surface-mounted** design for ceilings without recessed cut-out requirements
- **Configurable beam angles** for accent and general lighting
- **Anti-glare optical** structure suitable for visual comfort applications
- **Flexible** CCT, CRI, driver, and dimming options based on project requirements
- **IP65 protection** for humid and semi-outdoor environments
- **Available in** multiple finish combinations to match interior design styles
- **Modular LED** platform supporting COB and SMD chip options
- **Suitable for** residential, hospitality, bathroom, corridor, and commercial applications

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TECHNICAL SPECIFICATIONS

• Light Source & Performance

LED Type	COB / SMD
COB Options	TCI / Samsung
SMD Option	Osram
Luminous Efficiency	135-170 lm/W
CRI	80 / 90
CCT Range	2700K-6500K

• Mechanical & Construction

Mounting Type	Surface mounted
Body Material	Die-cast aluminum
Finish Options	White / Black / Black + White
Product Shape	Cylindrical

• Optical System

Beam Angle	24° / 36° / 60°
Optical Design	Deep anti-glare reflector

• Electrical

Driver Compatibility	Tridonic
Input Voltage	220-240V AC

• Protection & Reliability

IP Rating	IP65
Lifetime	50,000 hours
Warranty	5 Years

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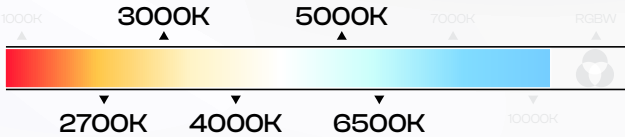
Product Range

Model	Power	Size	Beam Angle	Finish Options
JUMAN-15/18	15-18W	Ø80 × 90 mm	24° / 36° / 60°	White / Black / Black + White

Configuration Options

• Power Selection	• LED Chip Options	• Finish Options	• Beam Angle Selection
• 15W	• COB: TCI / Samsung	• White	• 24° – Accent lighting
• 18W	• SMD: Osram	• Black	• 36° – General accent lighting
		• Black body + White trim / interior	• 60° – Wider general lighting

CCT Options



Driver Platforms

TRIDONIC

Notes

- No ceiling cut-out is required because this is a surface-mounted downlight.
- UGR value is estimated and should be confirmed if required for consultant approval.
- Final lumen output depends on selected wattage, LED chip, CCT, CRI, and driver configuration.

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