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BOREALE

Expand your Brightness



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ABTECH Lighting Solutions

FOCUS_{ARC}

DATASHEET^{COB}

High-Performance Recessed Downlight



FOCUS ARC

High-Performance Recessed Downlight



Description

High-performance recessed COB downlight designed for architectural applications, offering flexible configuration in wattage, optics, dimming protocols, and interchangeable frame designs (Direct & ARC), with compatibility across leading European driver platforms.

APPLICATIONS

- Retail & showrooms
- Hospitality projects
- Residential high-end interiors
- Galleries & display areas
- Offices and commercial spaces

Key Feature

- **Modular configuration**
(power, optics, frame, dimming)
- **Interchangeable**
frame design (Direct / ARC)
- **Compatible with**
multiple driver platforms
- **Compact recessed**
housing with optimized thermal management
- **High efficiency**
COB LED (Osram)
- **High CRI ≥ 90**
for premium applications
- **Multiple beam angles**
for accent and general lighting

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High-Performance Recessed Downlight



Power	7W	12W
Cut-out	50 mm	72 mm
Diameter	Ø60 mm	Ø80 mm
Height	56 mm	80 mm
Luminous Flux (lm)	~900 lm	~1500 lm
COB Size(mm)	13.35 × 13.35	15.85 × 15.85
Beam Angles	10° / 15° / 24° / 36° / 55°	
CRI	≥90	
Efficiency	131 lm/W @ LED source	
Dimming Options	(On/Off)/DALI /1-10V/ 0-10V / Phase Cut (optional)	
Input Voltage	220-240V AC	
IP Rating	IP20	
Body Material	Die-cast aluminum	
Adjustable	Fixed	

CCT Options	1000K 3000K 4000K 7000K RGBW 2700K 3500K 6500K 10000K
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Driver Compatibility / Platforms	TCI LED professional led applications	TRIDONIC	PHILIPS
LED Brand	OSRAM		

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This product family allows flexible configuration based on project requirements:

Body Material

Die-cast aluminum

Available Colors

White

Black

Silver

a Finish

Electrostatic
powder coating



Power Selection



7W | 12W

Beam Angle



Accent lighting:
10° / 15° / 24°



General lighting:
36° / 55°

Thermal Management

- Integrated aluminum heat sink design
- Optimized heat dissipation for extended lifetime and stable performance

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