



Commercial Fixed LED Downlights

LDL-BD fixed series: Available in four dimmable models, in two colour temperatures

Available in a wide range of wattages and hole cut sizes to suit your installation needs, the ENSA™ LDL-BD fixed commercial downlight series delivers energy efficient, dimmable downlights for every application.

LDL-BD fixed series downlights are an affordable, energy efficient upgrade for existing halogen downlights. They are available in a variety of hole cut sizes and beam angles, and come in 3000K warm white and 6000K cool white colour temperatures. Each downlight in the series is dimmable and features a simple and stylish white gimble surround and partially frosted diffuser.

- Available in 9W, 15W, 20W, and 30W models.
- Average luminous efficacy of 74lm/W across the range.
- Dimmable, energy efficient replacement for halogens.
- Recessed, white gimble with partially frosted diffuser.
- Long life LEDs with 35,000 hours rated service life.
- Hole cut sizes ranging from Ø95mm ~ Ø195mm.

Series Specifications

Model	LDL-BD9-F	LDL-BD15-F	LDL-BD20-F	LDL-BD30-F				
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Series Name		LDL-BD Series Fixed Din	nmable LED Downlights					
Optical								
Luminous Flux	700lm	1100lm	1500lm	2100lm				
Luminous Efficacy	78lm/W	74lm/W	75lm/W	70lm/W				
Colour Temperature		3000K	/ 6000K					
Colour Rendering Index	>80							
Beam Angle	95° 36° 75° 108°							
Light Decay		< 30% over	10,000 hours					
Rated Lifespan	>35,000 hours							
Electrical								
Power Consumption	9W	15W	20W	30W				
Input Voltage		100 ~ 240VAC						
Power Factor	> 0.9							
Dimmable	Yes							
General								
Plug / Socket / Base	3-pin AC plug with external driver							
Reflector / Diffuser		36° 75° 108°						
Housing Adjustments		N	/A					
Operating Environment								
Dimensions	Ø105 x 48mm	Ø140 x 60mm	Ø190 x 60mm	Ø230 x 72mm				
Hole Cut Size	Ø95mm	Ø120mm	Ø165mm	Ø195mm				
Equivalent Wattage	25W halogen	45W halogen	60W halogen	80W halogen				
Photometry								
Illuminance at a Distance	1m 201 2.13	1m 261 1.05	1m 496 2.21	1m 446 2.79				
Luminous Light Distribution	0 - 180° 100 100 100 100 100 100 100	90° 75° 45° 30° 15° 0° 15° 30°	90° 75° 60° 45° 30° 15° 0° 15° 30°	90° 75° 45° 30° 15° 0° 15° 30°				

Ordering Information

Туре	Series	Wattage	Housing Style	Colour Temperature
LDL -	BD	9 (9W) 15 (15W) 20 (20W) 30 (30W)	- F (Fixed)	C (Cool white) W (Warm white)