



Commercial Adjustable LED Downlights







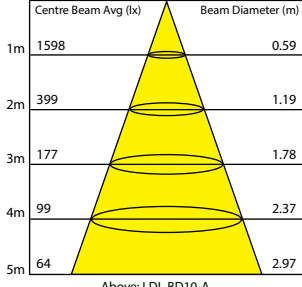
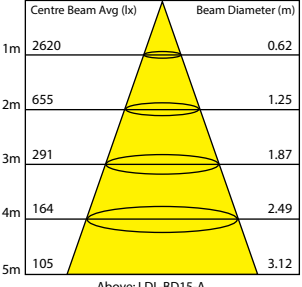
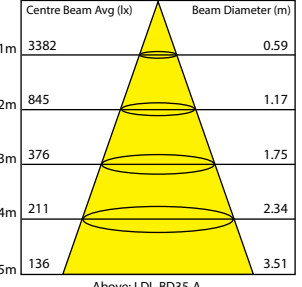
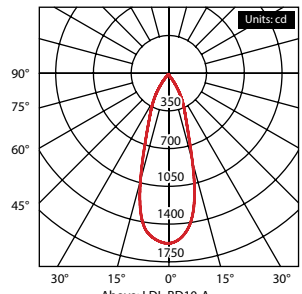
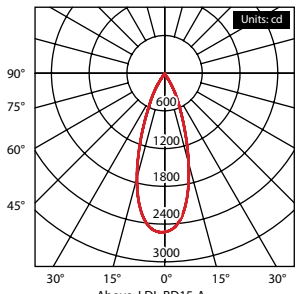
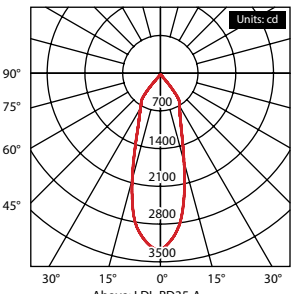
LDL-BD adjustable series: Available in six dimmable models, in two colour temperatures

Available in a wide range of wattages and hole cut sizes to suit your installation needs, the ENSA™ LDL-BD adjustable commercial downlight series delivers energy efficient, dimmable downlights for every application. With focused beam angles across the range, LDL-BD adjustable series downlights provide concentrated light distribution, ideal for key and spot lighting.

Each downlight can be tailored to your specifications, featuring an adjustable housing with 40° of lateral tilt ($\pm 20^\circ$). The series is available in 3000K warm white and 6000K cool white models with an average luminous efficacy of 70lm/W across the range.

- Available in 10W, 12W, 15W, 25W, 35W and 45W models.
- Average beam angle of 35°, ideal for spot & key lighting.
- Dimmable, energy efficient replacement for halogens.
- Rounded, white gimble surround & clear glass diffuser.
- Lateral tilt adjustable housing $\pm 20^\circ$ from origin.
- Hole cut sizes ranging from $\varnothing 75\text{mm}$ ~ $\varnothing 160\text{mm}$.

Series Specifications

Model	LDL-BD10-A	LDL-BD12-A	LDL-BD15-A	LDL-BD25-A	LDL-BD35-A	LDL-BD45-A
Product Image						
Series Name	LDL-BD Series Adjustable Dimmable LED Downlights					
Optical						
Luminous Flux	700lm	800lm	1050lm	1800lm	2600lm	3200lm
Luminous Efficacy	70lm/W	68lm/W	70lm/W	72lm/W	74lm/W	71lm/W
Colour Temperature	3000K / 6000K					
Colour Rendering Index	> 80					
Beam Angle	30°	35°	35°	35°	35°	45°
Light Decay	< 30% over 10,000 hours					
Rated Lifespan	>35,000 hours					
Electrical						
Power Consumption	10W	12W	15W	25W	35W	45W
Input Voltage	100 ~ 240VAC					
Power Factor	> 0.9					
Dimmable	Yes					
General						
Plug / Socket / Base	3-pin AC plug with external driver					
Reflector / Diffuser	Clear diffuser					
Housing Adjustments	-20° ~ +20° Lateral tilt					
Operating Environment	-20 ~ +40°C					
Dimensions	Ø95 x 81 mm	Ø110 x 88mm	Ø119 x 103mm	Ø142 x 118mm	Ø180 x 129mm	Ø193 x 129mm
Hole Cut Size	Ø75mm	Ø80mm	Ø90mm	Ø110mm	Ø145mm	Ø160mm
Equivalent Wattage	30W halogen	35W halogen	45W halogen	75W halogen	100W halogen	120W halogen
Photometry						
Illuminance at a Distance	 <p>Above: LDL-BD10-A</p>	 <p>Above: LDL-BD15-A</p>	 <p>Above: LDL-BD35-A</p>			
	 <p>Above: LDL-BD10-A</p>	 <p>Above: LDL-BD15-A</p>	 <p>Above: LDL-BD35-A</p>			

Ordering Information

Type	Series	Wattage	Housing Style	Colour Temperature		
LDL	-	BD	10 (10W) 12 (12W) 15 (15W) 25 (25W) 35 (35W) 45 (45W)	-	A (Adjustable)	C (Cool white) W (Warm white)
LDL-BD45-AW: 45W Dimmable Adjustable LED Downlight in Warm White						