

ENERGY LABEL

ENERGIA · ENERGIJA

Eterna LDB5 RANGE

A++
A+
A
B
C
D
E

A+

7 kWh/1000h

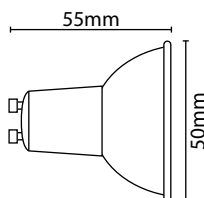
DEFINED BEAM LED GU10 LAMPS

Ideal for use in downlights & spotlights where similar to halogen lighting effect is desired. These lamps are also particularly effective where higher levels of light are required or where downlights are mounted at higher than normal levels or in track /spotlights at greater than normal distance

- Glass body, physical size virtually identical to GU10 halogen lamps: allowing retrofit into many existing fittings
- LED COB (Chip On Board) technology: for best performance & lighting effect combination
- Measured lumen output (rather than raw LED chip data): to give true light performance
- 36° beam angle: produces lighting effect the emulates traditional halogen
- Enhanced performance, gives a visually superior lighting effect to a 50W halogen GU10
- Not suitable for use with dimmers
- **LDB500WW**: 3000K warm white colour temperature: offering a pleasing lighting appearance
- **LDB520CW**: 5000K cool white colour temperature: offering a crisp, bright lighting appearance
- High CRI to minimise colour distortion of illuminated objects: available in warm white and cool white

• M.O.M: 1 / O.P.Q: 10

Code	Wattage	Cap Type	Colour Temp.	Lumens	Beam Angle	Avg. Rated Life (Hrs)	Energy Rating
LDB500WW	7W	GU10	3000K	500 lm	36°	20,000 hrs	A+
LDB520CW			5000K	520 lm			



LAMP SPECIFICATIONS:	LDB500WW	LDB520CW
Lumens total flux	500 lm	520 lm
Lumens 90° flux	450 lm	470 lm
Rated Wattage	7W	7W
Rated luminous flux	450 lm	470 lm
Nominal life time of the lamp	20,000 hrs	20,000 hrs
Colour temperature	3000K	5000K
Number of switching cycles before premature lamp failure	20,000	20,000
Warm-up time up to 60 % of the full light output	Instant full light	Instant full light
Dimmable	No	No
Lamp dimensions (L/Ø)	55 x 50mm	55 x 50mm
Nominal beam angle	36°	36°
Rated power	7W	7W
Rated lamp lifetime	20,000 hrs	20,000 hrs
Lamp power factor	>0.5	>0.5
Lumen maintenance factor at end of nominal life	70%	70%
Starting time	<0.5s	<0.5s
Colour rendering	>80	>80
Colour consistency	Within 6 step Macadam ellipse	Within 6 step Macadam ellipse
Rated peak intensity	950cd	960cd
Rated beam angle	36°	36°
Cap type	GU10	GU10
Voltage	240V	240V