

MESCAB
SmartLiving



Live in
your
Light

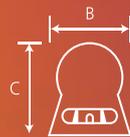
LED BATTEN LIGHTING

LED BATTEN LIGHT



MESCAB LED Batten Lights come with a compact, contemporary design. It is best suited for usage in indoor purposes like in Homes, Commercial and Industrial applications. They are easy to fit and offers a wide beam for distribution of light.

These lighting fixtures have light weight with high lumen output. They are surface mounted and have energy efficient driver.



ELECTRICAL DATA:

- Nominal Voltage - 220-240 VAC
- Frequency Range - 50 Hz-60 Hz

INSTALLATION:

On Ceiling / Wall with clamp & screw

Catalogue Reference	Wattage (W)	Dimension (mm)		
		A	B	C
MBL K 10W PB	10W	536	24	37
MBL K 20W PB	20W	1134	24	38
MBL K 32W PB	32W	1132	33	38

TECHNICAL DETAILS

Input Voltage	220-240V
Operating Frequency	50Hz - 60Hz
Lumen Output (Per Watt)*	110 Lm/Watt
Operating Temperature	-10°C to 45°C
Body Material	Plastic
Protection Grade (IP)	IP20
Colour Temperature	6500K / 4000K / 2700K
Surge protection	Up to 4kV

Relative Humidity	63%
THD	<15%
Driver Efficiency	>85%
Power Factor	>0.95
Beam Angle	120°
Colour Rendering Index	>80
Impact Protection (IK)	IK05

WHY SHOULD YOU CHOOSE MESCAB LED BATTEN LIGHTS:

- 1 Less usage of current.
- 2 You can choose from range of colours.
- 3 Energy efficient.
- 4 Higher Lumen output hence brighter light.
- 5 Light depreciation of only 5% after usage of LED chip life, hence high on durability of light.
- 6 Chips of good quality tends to depreciate less over time in case of light output as well as light quality.
- 7 These lights have good heat resistance property hence life span is higher.
- 8 Varied Application for Indoor use - Home, Commercial Spaces, Warehouses, Hotels, etc.
- 9 Light weight and easy to carry and install.
- 10 No mercury waste hence environmentally safe.

HOW TO SELECT LED BATTEN LIGHTS FOR YOUR ROOM?

- Check the Lumens of the lighting fixture

While selecting Batten Lights, you need to check the Lumen which indicates the brightness of the Batten. According to the room size choose the number of fittings you require depending on the Lumen output:

Calculation Example:

Bed room Size : In sq. meter

Required illumination : As Per Indian Standards (Approx),

100
Lux

Bedroom

300
Lux

Reading Room

250
Lux

Kitchen

150-200
Lux

Hall/ Living/Dining

100
Lux

Bathroom

Total Lumen Required :

Required Illumination X Area of the Room = total Lumen required.

According to total Lumen required, we can calculate the number of Batten Lights required for any room.

- **Select the LED Batten Light according to their colours**

If you prefer bright white light, you should go for checking the colour temperature in Kelvins mentioned in the Batten Light pack. Yellow Batten Lights have a Kelvin scale of 2700 -3000K while the white and blue ones have a Kelvin scale between 3500-4100K and 5000-6500K respectively.

- **Beam Angle**

Beam angle for an LED Light is something you need to pay attention to when choosing the right LED lighting for your space. It indicates the spread of light from the light source. A wide beam angle will ensure that the light is fully covering your space giving a clear, even light brightening your room.

- **Durability of the Batten Light**

Durability of these lights are higher due to good heat resistance property hence, gives us maximum utilization of light without having to replace several times.

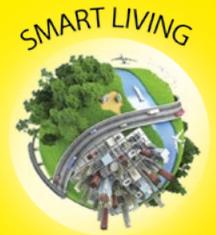
ISO
9001:2015



UP TO 85%
ENERGY SAVING



LONG LASTING
UP TO 50000 HRS*



ECO-FRIENDLY

NO INFRARED
NO MERCURY
NO UV



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- Energy-saving compared to incandescent lamps.
- *Calculation of lumen is done on the basis of 6500K CW (Cool White).