

# ECOBRIGHT

## BULB



### Description

The EcoBright Bulb is designed to deliver reliable and efficient indoor illumination for both residential and commercial areas. It is available in 5W, 12W, 18W, and 20W variants. This allows flexibility in selecting the appropriate brightness level for diverse applications. The bulb with luminous efficacy of 100 lm/W supports strong light output with optimized energy performance. A CRI>80 ensures natural and accurate color visibility across illuminated spaces. It is designed with a 2kV surge protection feature, maintaining stable operation in the presence of voltage fluctuations. It also carries an IP20 rating, making it suitable for indoor use, and a PF>0.5 contributes to improved electrical efficiency. It comes with a lifespan of 15,000 hrs @L70. This supports long-term performance with reduced maintenance requirements.

### Product Benefits

- Energy Savings Up to 85%
- Controlled Blue Light Hazard
- Environment Friendly
- Reliable Performance
- Uniform Light Distribution

### Application Areas

- Residential
- Commercial
- Retail

### Product Data

#### General Information

Driver Included:	Yes
Lifespan:	15,000 hours @ L70
Warranty:	1 Year

#### Luminaire Performance

Power Consumption:	5W, 12W, 18W, 20W
Luminous Flux:	500 lm, 1,200 lm, 1,800 lm, 2,200 lm
Luminous Efficacy (rated):	100 lm/W, 110 lm/W
Correlated Color Temperature:	3000K, 6500K
Color Rendering Index (CRI):	>80
Beam Angle:	180°, 200°

#### Operating and Electrical

Input Voltage:	AC85-265V
Line Frequency:	50 or 60 Hz
Power Factor (Fraction):	>0.5
SPD:	2kV

#### Temperature

Operating Temperature:	-20°C – 40°C
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#### Controls and Dimming

Controls:	On/Off
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**Mechanical and Housing**

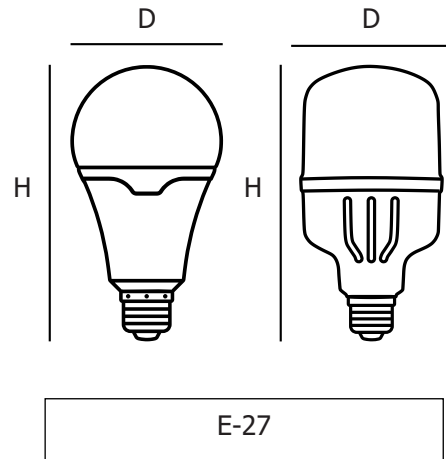
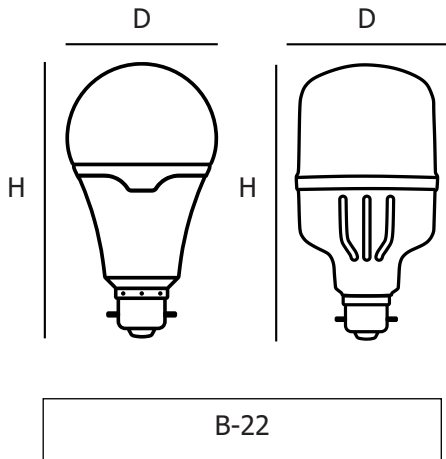
Housing Material:	Durable PBT Housing
Optical Cover Material:	Polycarbonate

**Compliance and Certifications**

Ingress Protection Code:	IP20
Protection Class IEC:	Safety Class II

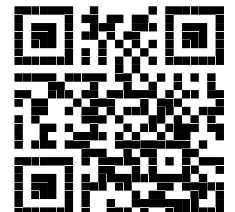
**Dimensions**

Power Consumption:	5W	12W	18W	20W
DxH (mm):	55x100	65x125	80x150	80x150



**Head Office:**  
192-Y Block, Commercial Area, Phase III, DHA Lahore, Pakistan.

**Sales Office:**  
120-Y Block, Commercial Area, Phase III, DHA Lahore, Pakistan.



MRK/PM/PS/EBB/25/01