EPCOM Industrial®

LED BULB

MODEL: EPI-LB-12W

LED Bulb Lighting is the most prevalent light source among

Residentail lighting, perfect fits to any fixture.

OVERVIEW

* LM80 approved Philips SMD2835 LEDs with lifetime more than 30,000 hours.

* High brightness, lumen efficacy up to 100Lm/W.

* PA plastic coated aluminum material, great heat dissipation.

* Easily install into the standard fixture.

* 2 years warranty, 30,000 hours reliable lifespan.

* 2.5KV Surge Protection, avoiding damage caused by voltage fluctuation and lightning strike.

PHYSICAL DATA

Dimension	D180*145 mm
Lamp N.W.	80 g
LED Chip PCB	Aluminum
Material	PA Plastic coated aluminum + PC Cover
Base	E26 /E27 /B22
IP Rating	IP20

ELECTRICAL DATA

Wattage	12W
Power Factor	PF>0.95
Voltage	110VAC
Driver	Flicking
Output Efficiency	>90%
Surge Protection	>2.5KV

OPTICAL DATA

Lumen Flux	>1200LM
Lamp Efficacy	>100Lm/W
LEDs	Philips SMD2835 (LM80)
CRI	>80
CCT	3000K /4000K /5000K /6500K
SDCM	<5
Beam Angle	220 Degree

LIFE DATA & OPERATING DATA

Lifetime of Lamp	>30,000 hours (L70)
Lumen Maintenance	>90% after 6000 hours
Warranty	2 Years
Working Temperature	-15℃+50℃
Recommend Install Height	<3M

PRODUCT STRUCTURE

COVER
High quality PC material

LEDs
Philips 1W LEDs (LM80)
Long lifespan

COOLING PLATE
Aluminum, fast heat conducting
Effective cooling design

DRIVER
Self design IC driver, better compatiable with bulbs
Big redundancy for good dissipation
Wide voltage, PF>0.95
2.5KV surge protection, stable output

HEAT SINK
PA plastic coated aluminum material,
Great heat dissipation performance

BASE
E26 /E27 /B22

APPLICATION

Lighting area like the home lighting-living room, corridor, bedroom or commercial lighting-bar, restaurant, cafe etc.
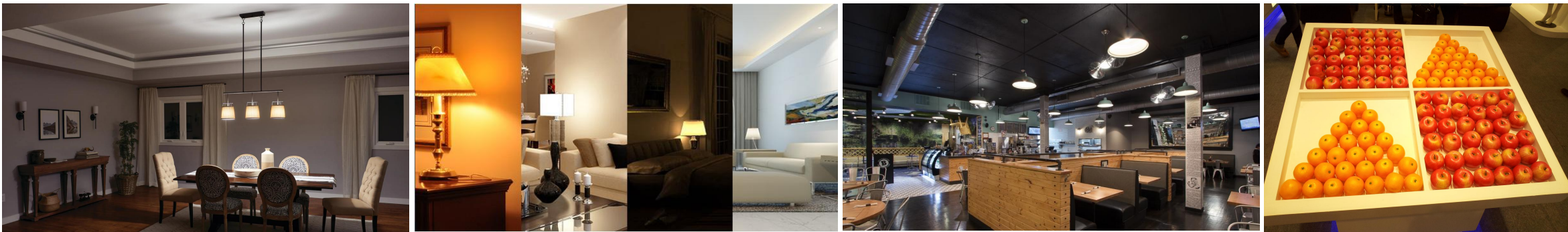
INSTALLATION

1. Before installation, power supply must be shut down to ensure safety.

2. Please get the LED Bulb up and firmly screw it into a lamp holder, with clockwise oriented.

3. Please hold the bulb body, rather than the cover to avoid the breakdown

4. Toggle the wall switch to turn on the bulb

5.Do not operate with traditional dimmer, electric switches and remote controls.

6. Use only in specified nominal voltage and temperature range.
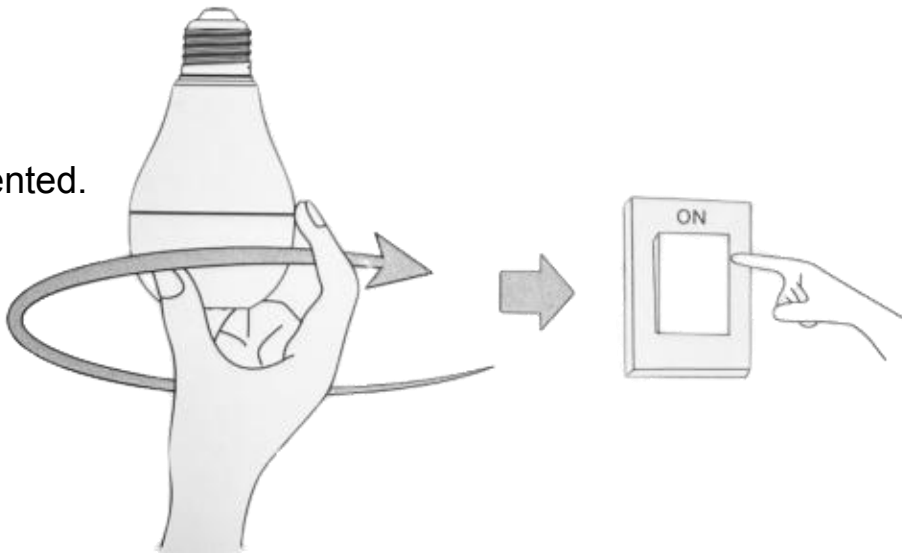
PACKING

Watts	Bulb Size	QTY/CTN	Box Size	CTN Size	N.W./CTN	G.W./CTN	CBM
12W	Φ80*145 MM	50PCS	82*82*147 MM	43*43*32 CM	4.0 KG	5.20 KG	0.059