



### THE MOST COST-EFFICIENT LED BULB AT YOUR NEED

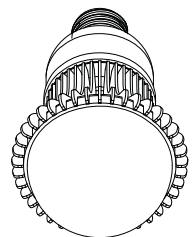
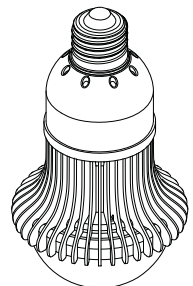
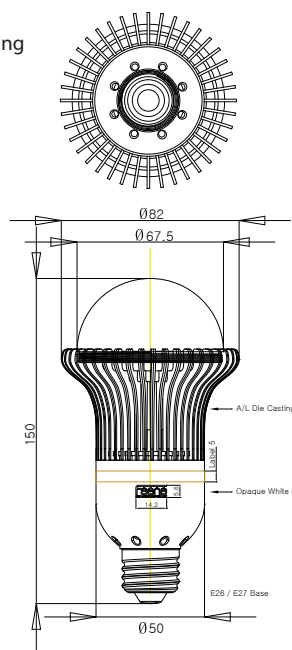
FAENA BULB 10 is the most sophisticated LED based Bulb which can be fabricated with any retrofit conventional incandescent lamp and it can save up to 85% on power consumption. It is the most cost effective solutions for new installations, the investment in less than 18months while enjoying the great benefits of zero dust absorption or yellowing and also reducing visual fatigues for people. We are proudly offering our FAENA BULB B06 & B10 LED Bulb which will bring no hassle on maintenance to you for 13years.

#### ENERGY SAVINGS . PAYS BACK MONEY

- 85% more energy efficiency compared to conventional incandescent lamp
- Designed to fit most existing types of lamp holders
- Guaranteed lifetime up to 50,000hrs with normal usage of 10hours a day
- No glare or strobe effect
- No dust absorption and yellowing
- Power Factor : +90%
- Socket Type : E26 / E27

#### PHYSICAL

Height : 150mm  
Width : 82mm  
Weight : 230g



#### OPTICAL CHARACTERISTICS

Model	Available Color	Power Consumption	Luminous Flux (lm)	Color Temperature (Kelvin)	Viewing Angle
			Typical	Typical	2 $\theta_{1/2}$
FAENA BULB B10	Cool White	10W	700	5,500K	90
	Warm White	10W	560	3,000K	90

\*CRI (Color Rendering Index) for white product types is 70 / \*Spectral width at half of the peak intensity / \*Luminous Flux measuring equipment is CAS140B

\*Viewing angle is the off axis angle from lamp centerline where the luminous intensity is half of the peak value / \*CCT 5% tester tolerance

\*Dominant wavelength is derived from the CIE 1931 Chromaticity diagram and represents the perceived color

\*Color temperature for white is strictly controlled by bin rank system and it consists of three ranks which should not be used simultaneously.

\*Available colors : warm white, red, green, blue

### ELECTRICAL CHARACTERISTICS

Operating input power : 220VAC  
Power Consumption : 10W  
Power Factor : +90%  
Guaranteed lifetime : 50,000hrs  
Socket Type : E27

### THERMAL

Cooling : Ambient air  
Maximum operating temperature : 50°C  
Minimum operating temperature : -10°C  
Maximum storage temperature : 60°C  
Minimum storage temperature : -20 °C

### CONSTRUCTION

White LED lamp : 3W high power LED lamps manufactured by Cree  
Body : Aluminum extrusion heatsink with polycarbonate  
Lens : PMMA(Polymethylmethacrylate Acrylic)

### APPLICATIONS

Display Lighting and Cabinet Lighting  
Direct or indirect indoor lighting  
Gallery, Museum and Movie theatre lighting

50,000H  
LIFETIME

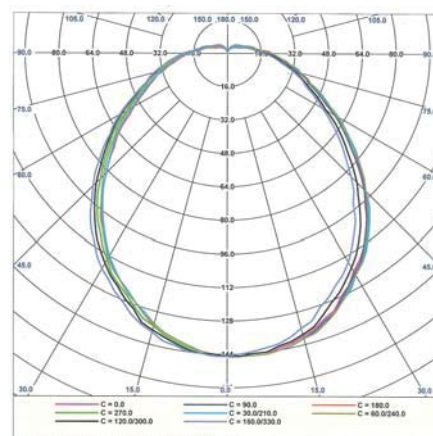
$e$  85%  
Saving

IRfree

UVfree

$T_{PS}^{thermal}$   
protection  
system

Polar Luminous Intensity Distribution



Specifications subject to change without notice

3D Lux Graph

