

Lyra Series **GL-A19 Series**

A19 LED bulb

the GL-A19 LED bulb is designed to provide exceptional and long-lasting decorative, window, spot, cabinet, accent, and hallway lighting, in both commercial and private settings.



The LED Bulb Advantage

Long Lifespan

LED bulbs can last up to 10 times longer than compact fluorescents, and even far longer than typical incandescents.

Durability

Because of having no fragile substances like filament and glass, LEDs are not easily damaged under circumstances when a regular incandescent bulb would be broken. Therefore, they hold up well to jarring and bumping.

Healthy Light

No toxic substance such as halogen and mercury is used for manufacturing LEDs. Except particular applications such as tanning booths, mosquito killers and so on, LED lamps for general lighting emit neither ultraviolet (UV) nor infrared (IR) harmful to health.

Extremely High Efficiency

LED light bulbs use only 2-10 watts of electricity (1/3rd to 1/30th of Incandescent or CFL). Small LED flashlight bulbs can extend battery life 10 to 15 times longer than incandescent bulbs. Also, because these bulbs last for years, energy is saved in maintenance and replacement costs. For example, many cities in the U.S. are replacing their incandescent traffic lights with LED arrays because the electricity costs can be reduced by 80% or more.

Environment Friendly

GlacialLight's LED Bulbs are made with non-toxic materials; that means they can be recycled to minimize pollution.

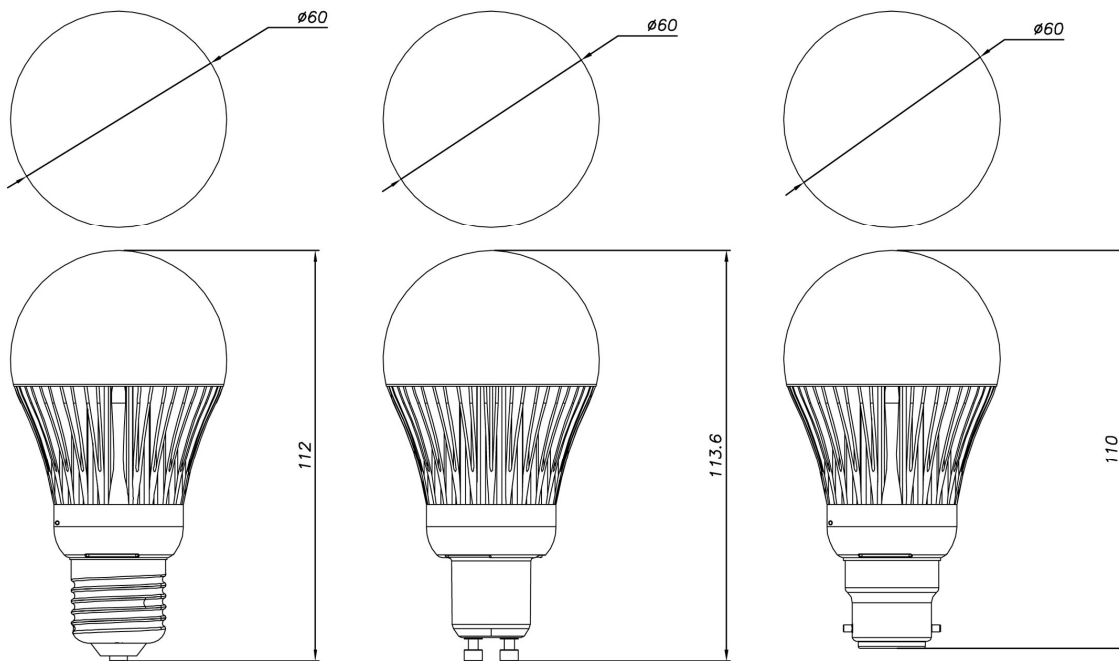
Cost-effective

Although LEDs are expensive, the cost is recouped over time and in power savings. For the AC bulbs and large cluster arrays, the best value comes from commercial use where maintenance and replacement costs are expensive.

Low Power Consumption

Due to low power requirement for LEDs, using solar panels becomes more practical and less expensive than running an electric line or using a generator for lighting.

◆ **Extreme brightness with perfect light distribution**



◆ **Features**

- The surge ability of input voltage is enhanced to 277Vac in 30minutes.
- Protections:
Over Voltage Protection /Over Load Protection / Short Circuit Protection /Over Temperature Protection.
- Power Factor Correction(PFC) function.
- Isolation type design & safety application consideration.
- Using the “long life” electrolytic capacitors and Japanese brands.
- Stable lightness while unstable input.
- Power conversion efficiency > 85%
- Power factor > 0.8 at 120V AC / > 0.75 at 240V AC

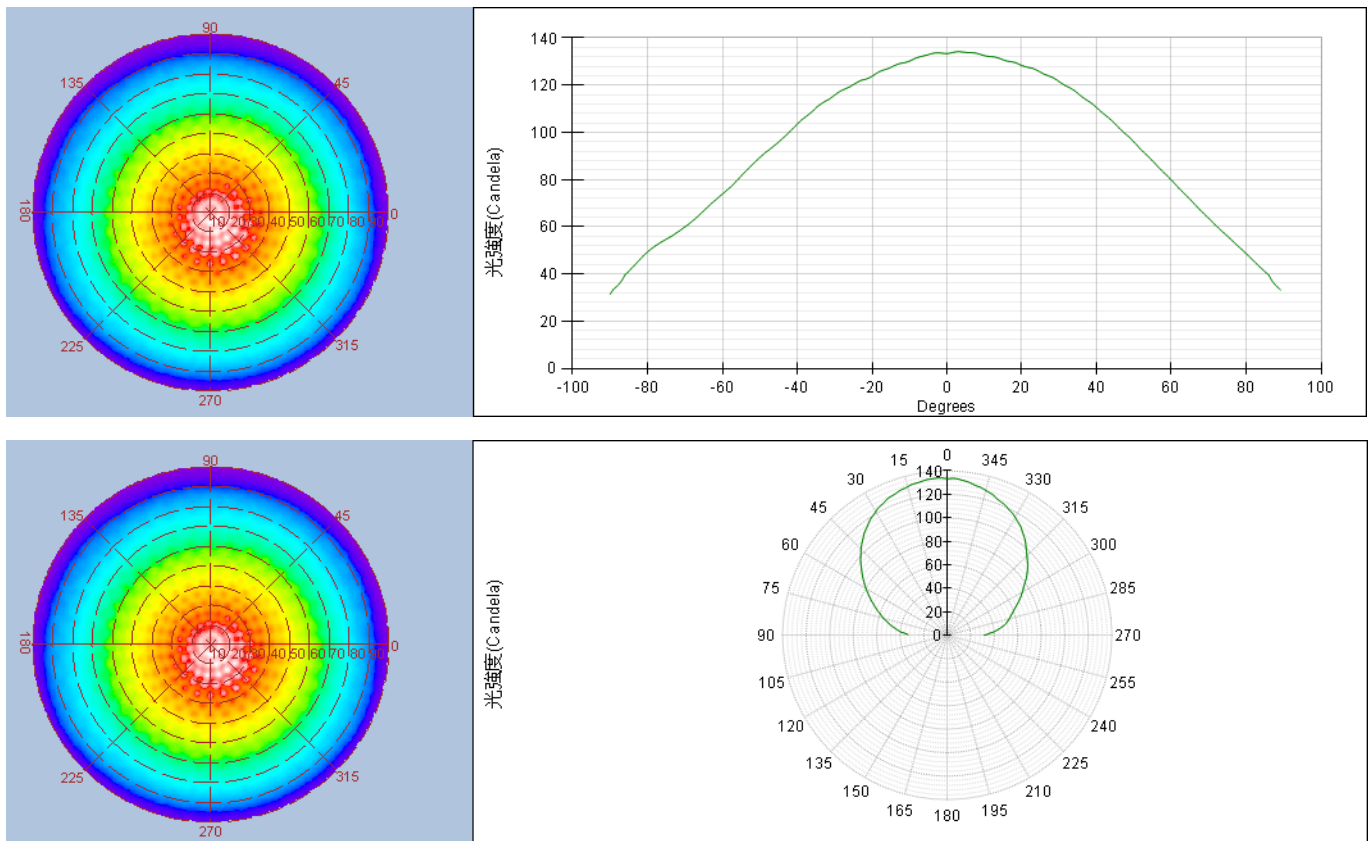
- No UV, no IR, & no mercury
- 2 Years Warranty 2 Years Warranty

◆ Specifications

Type	A19-WW		A19-CW	
Energy Used	9 Watts			
Rated Life	30,000 Hours			
Input Voltage	100-240V AC			
CCT	3000K		6000K	
Luminous Flux (lm)	500lm		640lm	
Luminous Efficacy	56lm/W		71lm/W	
Base	E26 /E27 /B22 /GU10			
CRI	>80		>70	
Dimension	ϕ60 x 112mm	ϕ60 x 113.6mm	ϕ60 x 110mm	
Beam Angle	Spot - 120°			

◆ Luminous Intensity Distribution Diagram

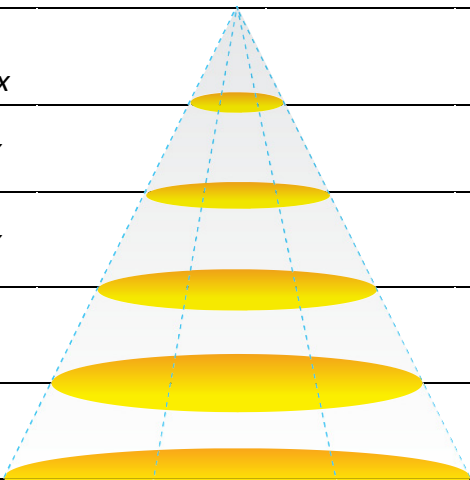
GL-A19 / CCT : 3000K



◆ **Luminous Intensity Distribution Diagram**

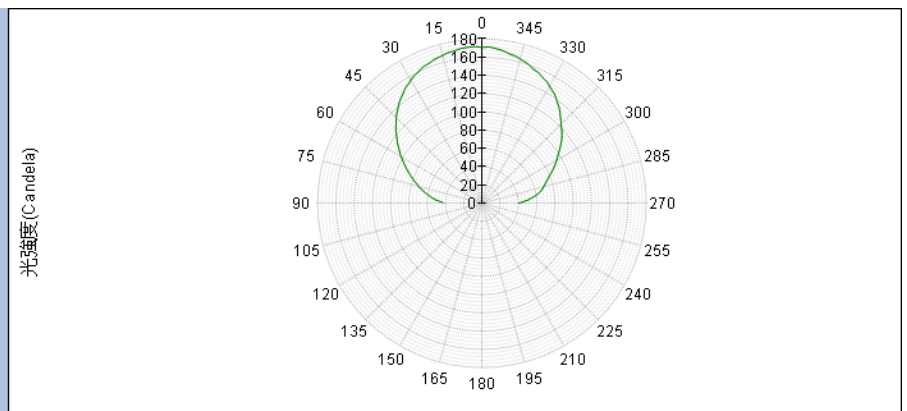
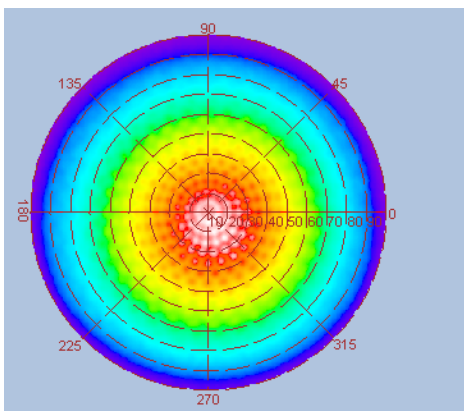
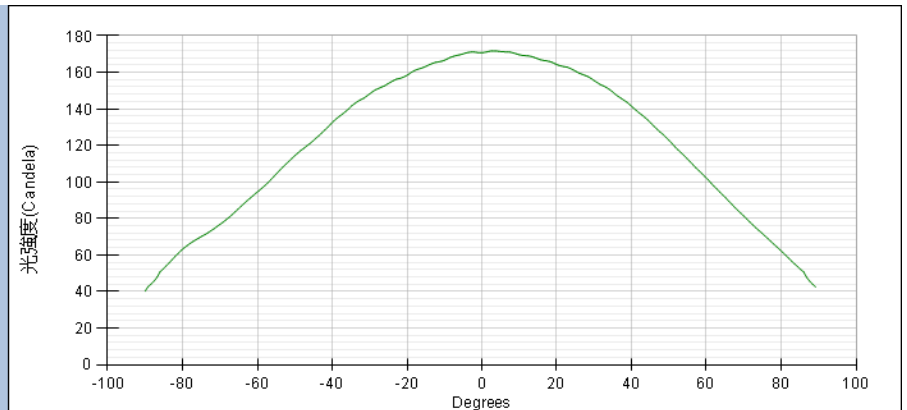
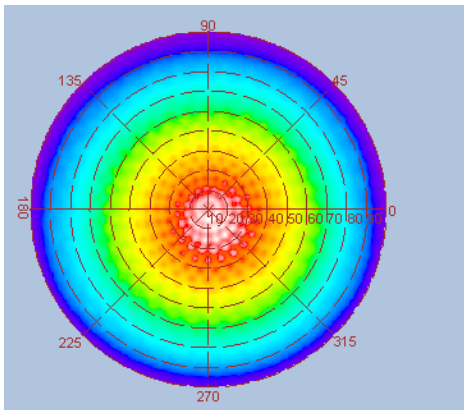
GL-A19 / CCT : 3000K

Height	E Avg.	E Max.	Diameter
1.0M	44.0 Lx	143.2 Lx	458cm
2.0M	11.0 Lx	35.8 Lx	916cm
3.0M	4.9 Lx	15.9 Lx	1374cm
4.0M	2.8 Lx	9.0 Lx	1832cm
5.0M	1.8 Lx	5.7 Lx	2290cm



◆ **Luminous Intensity Distribution Diagram**

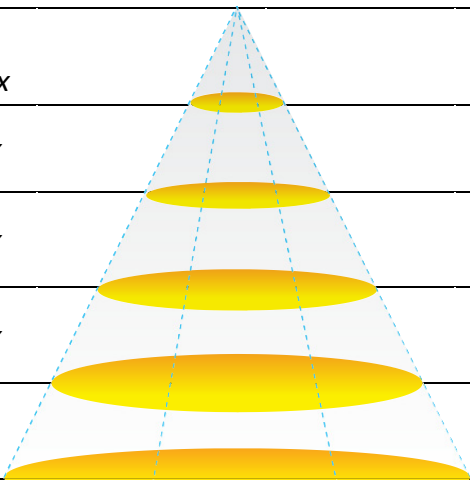
GL-A19 / CCT : 6000K



◆ **Luminous Intensity Distribution Diagram**

GL-A19 / CCT : 6000K

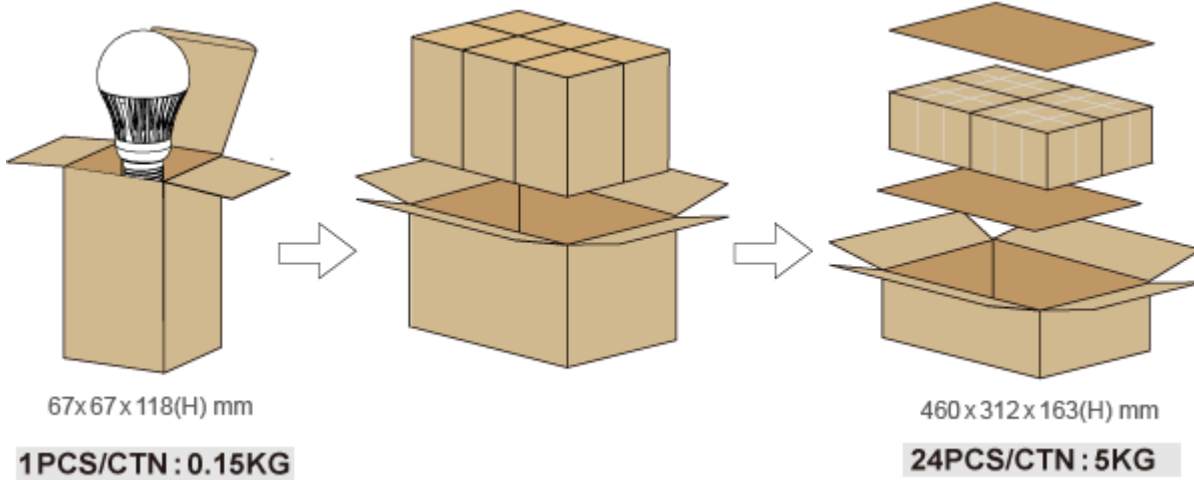
Height	E Avg.	E Max.	Diameter
1.0M	56.4Lx	183.3 Lx	458cm
2.0M	14.1 Lx	45.8 Lx	916cm
3.0M	6.3 Lx	20.3 Lx	1374cm
4.0M	3.5 Lx	11.5 Lx	1832cm
5.0M	2.3 Lx	7.3 Lx	2290cm



◆ **Illuminance(lux)**

Model No	1M	2M
GL-A19-CW	197	45
GL-A19-WW	159	36

◆ **Package**






◆ Applications

Hospital/Office/School/Factory/Shopping Mall/supermarket/Airport/Hallway and Household lighting



◆ GL-A19 LED Lyra series vs. A19 Incandescent Bulbs Comparison Table

Item	Picture	Manufacturer	P(Watt)	Input Voltage	Luminous Flux (lm)	Efficacy (lm/W)	CCT	CRI	Beam Angle	Illuminance(lux)	
										1m	2m
1		GlacialLight LED A19	9W	110~240V	483.9	52.60	3177	78.6	132	159.20	36.50
2		PxxxxxS CLASSICTONE	34.9W	110V	331.4	9.50	2624	99.8	270	56.08	13.23
3		TxA CLEAR	36.3W	110V	343.8	9.47	2624	99.8	270	74.17	17.82