

Q-RAY™



LED Bulb

(Incandescent Bulb Replacement)

Product Description

Since its invention, the incandescent light bulb has become one of the most widely used light sources. However, with the onset of global warming, governments all over the world have started banning the incandescent technology as it is not energy-efficient. Q-RAY™ LED Bulb provides a perfect solution. Using the same form factor as the light bulb, Q-RAY™ LED Bulb is a direct replacement for the incandescent bulb. This energy saving eye-candy, just like any conventional bulb, is powered by 110 - 240V AC. Aside from ease of use, our Q-RAY™ LED Bulb is long lasting and saves up to 80% energy as compared to incandescent light bulb.

Up to
80%
Energy Saving
Long lasting, No mercury, No UV.
Environmental Friendly

www.qrayled.com

Application

The incandescent bulb is one of the most versatile lighting product and is used in many applications. Q-RAY™ LED Bulb is a perfect and direct replacement, allowing you to use your existing fixtures. With up to 80% energy savings as compared to the incandescent bulb, Q-RAY™ LED Bulb not only helps you to reduce your energy consumption but also reduces your carbon footprint to protect the environment.

Design Concept

With wide adoption of the conventional incandescent bulb, any change in the design of the LED bulb will cause complications during installation. Our Q-RAY™ Product Team develops products with ease-of-installation in mind. This design concept means that you do not need to change your existing fixture; making converting to Q-RAY™ LED Bulb as simple as unplugging the old incandescent bulb and plugging in the new Q-RAY™ LED Bulb.

Application Requirements

Q-RAY™ LED Bulb is a direct replacement, powered by standard 110 - 240V AC via E27 connection. Do note however that not all dimmers support LED technology and depending on the type of installation.

The Hazards of Mercury

The possibility of airborne mercury into small, little droplets and breathed into the lungs can be deadly. This can often occur by mistake when people try to vacuum up mercury that has spilled onto the ground or even when it flows into water stream. Depending on how much mercury is inhaled, permanent lung damage and death may occur. One may also have some long-term brain damage from inhaled elemental mercury.

Ordering Information

Model Part Number

QXA07-RWA-Cool

QXA07-RWA-Neutral

QXA07-RWA-Warm

Manufacturing Part Number

QXA07-RWA-65E27A Q-RAY™ LED Bulb, Cool White

QXA07-RWA-45E27A Q-RAY™ LED Bulb, Neutral White

QXA07-RWA-30E27A Q-RAY™ LED Bulb, Warm White

Note: While every effort has been made to ensure that the information contained herein is correct at the time of publication, specifications may change without prior notice.

Body & Material Construction

Its body is constructed via a combination of aluminium alloy and thermal conductive plastic material. With its unique design philosophy, thermal management is well taken care of to provide longer lasting illumination.

Optical Properties

The design of the optical system takes into account the need for a wide angle of illumination, similar to the illumination pattern of the incandescent bulb, whilst cutting out the unwanted, wasted back light that is produced by the incandescent bulb. By cutting out unwanted back light, we are able to enhance the effectiveness of the LED bulb by channeling the light in the right directions.

That's why we say: "Not all LED bulbs are created equal".

Technical Specifications

| LED Bulb | Cool | Neutral | Warm |
|-----------------------------------|---------------------------------------|---------|------|
| Total Flux Produced | 500 lumens | | |
| Typical Power | 7W* | | |
| Power Factor | > 0.8 | | |
| CCT Level (Kelvin) | 6500 | 4500 | 3000 |
| System Efficacy (lumens per Watt) | 71 lm/W | | |
| Color Rendering Index , CRI | >80 | | |
| Illumination Angle | 205° | | |
| Dimension (mm) | H110 x D58 inclusive of E27 connector | | |
| Packing Type | Sleeve, Closed End | | |
| Packing Configuration | 16 bulbs per level, 2 levels | | |
| Carton Box Dimension (mm) | 270L x 275W x 265H | | |

*Typically used for 40W/60W incandescent bulb replacement.

Q-RAY™ LED Bulb Mechanical Dimension

