Philips Lighting 7388

Philips 7388 20 Watt 6 Volt Halogen Bulb User Manual

Model: 7388

Introduction

This manual provides essential information for the safe and effective use of your Philips 7388 20 Watt 6 Volt Halogen Bulb. Please read these instructions carefully before installation and operation to ensure optimal performance and longevity of the product.
The Philips 7388 halogen bulb is designed to produce a comfortable, warm white light, maintaining its luminous efficiency throughout its operational life. It features a G4 socket and is suitable for various lighting applications.

Safety Information

Always observe the following safety precautions:

- **Power Off:** Always disconnect power to the fixture before installing, removing, or cleaning the bulb.
- **Handle with Care:** Halogen bulbs can become very hot. Allow the bulb to cool completely before handling.
- **Avoid Contact:** Do not touch the glass part of the bulb with bare hands. Oils from your skin can create hot spots, leading to premature failure. Use a clean cloth or gloves if necessary.
- **Correct Voltage:** Ensure the fixture's voltage matches the bulb's voltage (6 Volts). Using an incorrect voltage can damage the bulb or the fixture.
- **Proper Fixture:** Use only in fixtures designed for halogen bulbs and with appropriate wattage ratings.
- **Disposal:** Dispose of used bulbs according to local regulations.

Setup and Installation

Follow these steps for proper installation:

1. **Step 1: Power Disconnection**
   Ensure the power supply to the lighting fixture is turned off at the circuit breaker or by unplugging the fixture.
2. **Step 2: Remove Old Bulb (if applicable)**
   If replacing an existing bulb, allow it to cool completely. Gently pull the old G4 bulb straight out from its socket.
3. **Step 3: Prepare New Bulb**
   Carefully remove the new Philips 7388 bulb from its packaging. Avoid touching the glass envelope with bare hands. If you accidentally touch it, wipe it clean with a lint-free cloth moistened with rubbing alcohol.

4. **Step 4: Insert New Bulb**
   Align the two pins of the G4 bulb with the holes in the socket. Gently push the bulb straight into the socket until it is fully seated. Do not force it.
5. **Step 5: Restore Power**
   Once the bulb is securely installed, restore power to the fixture.
6. **Step 6: Test**
   Turn on the light switch to verify proper operation.

Image 1: Philips 7388 Halogen Bulb. This image shows the clear glass bulb with its two-pin G4 base, ready for installation.

Operating Instructions

The Philips 7388 halogen bulb operates immediately upon receiving power. No special operating procedures are required beyond turning the fixture's power switch on or off.

- **Dimming:** If used with a compatible dimmer switch, the brightness of the bulb can be adjusted. Ensure the dimmer is rated for halogen or incandescent loads and matches the bulb's voltage and wattage.
- **Heat Output:** Halogen bulbs produce heat. Ensure adequate ventilation around the fixture to prevent overheating.

Maintenance

Minimal maintenance is required for the Philips 7388 halogen bulb.

- **Cleaning:** If the bulb becomes dusty, ensure the power is off and the bulb is cool. Gently wipe the glass with a soft, dry, lint-free cloth. Do not use liquid cleaners directly on the bulb.
- **Replacement:** When the bulb reaches the end of its life, replace it following the "Setup and Installation" steps. Always use a bulb with the same specifications (20W, 6V, G4 base) to ensure compatibility and safety.

Troubleshooting

If your Philips 7388 bulb is not functioning as expected, consider the following:

- **Bulb Not Lighting:**
  - Check if the power supply to the fixture is on.
  - Ensure the bulb is correctly seated in the G4 socket.
  - Inspect the bulb for any visible damage or a broken filament. If damaged, replace the bulb.
  - Test the fixture with a known working bulb to rule out a fixture issue.
- **Bulb Flickering:**
  - Ensure the bulb is fully inserted into the socket.
  - Check for loose connections in the fixture or wiring.
  - If using a dimmer, ensure it is compatible with halogen bulbs and not overloaded.
- **Short Bulb Life:**
  - Verify the correct voltage (6V) is being supplied to the bulb. Overvoltage can significantly reduce bulb life.
  - Ensure the bulb is not being touched with bare hands during installation, as skin oils can cause premature failure.
  - Check for excessive vibration or heat in the fixture, which can shorten bulb life.

Specifications

Key technical specifications for the Philips 7388 Halogen Bulb:

Feature	Specification
Brand	Philips Lighting
Model Number	7388
Light Type	Halogen
Wattage	20 Watts
Voltage	6 Volts
Luminous Flux	460 - 475 lm (typical)
Socket/Base	G4
Color Temperature	3200 - 3350 Kelvin (Warm White)

Bulb Shape Size	JC
Color Rendering Index (CRI)	100
Material	Copper (pins)
Product Dimensions	0.35"W x 1.21"H (approx.)
Indoor/Outdoor Usage	Indoor

Image 2: Technical Diagram of G4 Halogen Bulb. This diagram illustrates the dimensions and structure of a typical G4 halogen bulb, similar to the Philips 7388.

Warranty and Support

For warranty information or technical support regarding your Philips 7388 Halogen Bulb, please refer to the official Philips Lighting website or contact their customer service directly. Keep your purchase receipt as proof of purchase.
You can visit the Philips Store for more information:Philips Store on Amazon

Related Documents - 7388

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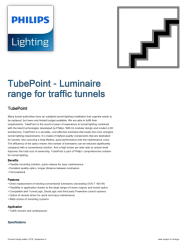	[Philips TubePoint: High-Performance Luminaire Range for Traffic Tunnels] Explore the Philips TubePoint luminaire range, engineered for efficient, cost-effective, and reliable lighting solutions in traffic tunnels. This product family leaflet details features, benefits, technical specifications, and model variations for optimal tunnel illumination.
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