

Tecnolite HEL-20W/BLB

Tecnolite HEL-20W/BLB Black Light Fluorescent Spiral Bulb User Manual

Model: HEL-20W/BLB

1. INTRODUCTION

Thank you for choosing the Tecnolite HEL-20W/BLB Black Light Fluorescent Spiral Bulb. This bulb is designed to produce ultraviolet (UV) light, creating a distinctive black light effect that causes white or neon materials to fluoresce. It is suitable for various applications, including special occasions, themed events, and enhancing specific environments.

Key features include a 20-watt power output, an E27 base for broad compatibility, and an estimated lifespan of 6,000 hours. The light emitted is considered safe for eyes, skin, and pets under normal usage conditions.



Image 1.1: Tecno Lite HEL-20W/BLB Black Light Fluorescent Spiral Bulb and its packaging.

2. SAFETY INFORMATION

- **Electrical Safety:** Always ensure the power supply is turned off before installing, removing, or cleaning the bulb to prevent electric shock.
- **Proper Handling:** Handle the bulb by its base, not the glass spiral, to avoid damage.
- **Ventilation:** Ensure adequate ventilation around the bulb to prevent overheating.
- **Indoor/Outdoor Use:** This bulb is rated for both indoor and outdoor use. When used outdoors, ensure it is protected from direct exposure to water and extreme weather conditions unless installed in a suitable weatherproof fixture.
- **Disposal:** Dispose of fluorescent bulbs according to local regulations, as they may contain small amounts of mercury.

3. PACKAGE CONTENTS

The package contains:

- One (1) Tecnolite HEL-20W/BLB Black Light Fluorescent Spiral Bulb

4. SETUP AND INSTALLATION

Follow these steps to install your Tecnolite Black Light Bulb:

1. **Turn Off Power:** Locate the light switch or circuit breaker controlling the fixture where the bulb will be installed and turn off the power.
2. **Prepare Fixture:** Ensure the light fixture is clean and dry. If replacing an old bulb, carefully unscrew it counter-clockwise.
3. **Install Bulb:** Gently screw the Tecnolite HEL-20W/BLB bulb clockwise into a standard E27 socket until it is snug. Do not overtighten.
4. **Restore Power:** Turn the power back on at the switch or circuit breaker.



5. OPERATING INSTRUCTIONS

Once installed, operating the bulb is straightforward:

1. **Turn On:** Flip the light switch to the 'ON' position. The bulb will emit a purple-blue light, indicating the black light effect is active.
2. **Observe Effect:** The UV light will cause fluorescent materials (such as certain paints, fabrics, and neon colors) to glow brightly.
3. **Turn Off:** Flip the light switch to the 'OFF' position when the black light effect is no longer desired.



Image 5.1: The black light bulb in operation, emitting its characteristic purple glow.

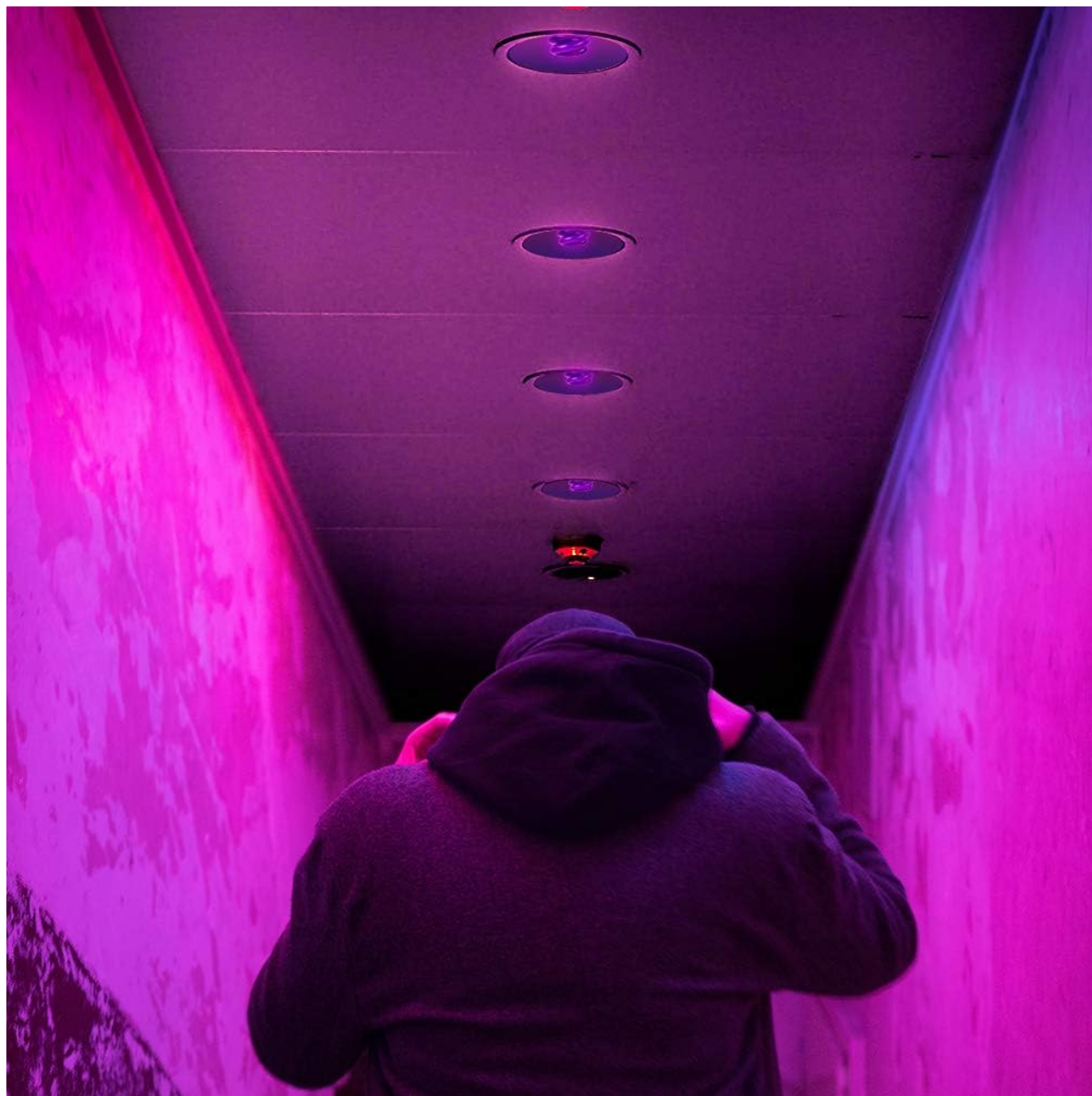


Image 5.2: Example of a space illuminated by black light, highlighting fluorescent elements.

Demonstration Video

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Video 5.1: A demonstration of a black light LED bulb's effect, showing how it makes fluorescent items glow. This video illustrates the general black light phenomenon.

6. MAINTENANCE

To ensure the longevity and optimal performance of your bulb:

- **Cleaning:** Before cleaning, always turn off the power and allow the bulb to cool completely. Wipe the bulb with a dry, soft cloth. Do not use liquid or abrasive cleaners.
- **Storage:** If storing the bulb, keep it in its original packaging or a protective container in a cool, dry place.

7. TROUBLESHOOTING

If your Tecnolite Black Light Bulb is not functioning as expected, consider the following:

• **Bulb Not Lighting:**

- Ensure the power supply to the fixture is active.
- Check that the bulb is securely screwed into the E27 socket.
- Test the fixture with another working bulb to confirm the fixture itself is operational.
- If the bulb is old, it may have reached the end of its lifespan (approximately 6,000 hours).

• **Dim or Inconsistent Light:**

- Verify the bulb is fully screwed in.
- Ensure the voltage supplied to the fixture matches the bulb's requirements (127 Volts).

8. SPECIFICATIONS

Specification	Detail
Model Number	HEL-20W/BLB
Brand	Tecnolite
Power (Wattage)	20 Watts
Voltage	127 Volts
Base Type	E27
Bulb Type	Compact Fluorescent Lamp (CFL)
Light Type	Fluorescent (Black Light)
Material	Glass
Shape	Spiral
Color	Black
Dimensions (L x W x H)	6.4 x 6.4 x 14.6 cm
Weight	100 g
Lifespan	6,000 hours
Special Features	Low power consumption
Usage	Indoor and Outdoor




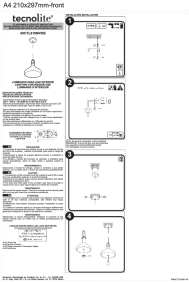
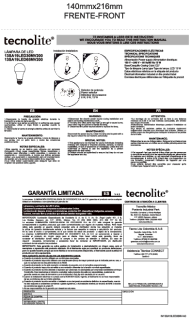
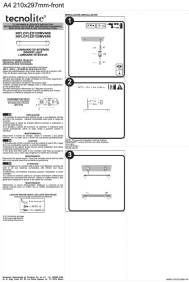
Image 8.1: Dimensions of the Tecnolite HEL-20W/BLB Black Light Fluorescent Spiral Bulb.

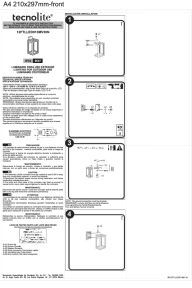
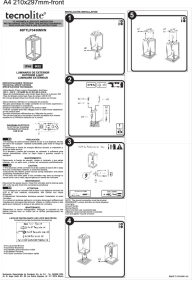
9. WARRANTY AND SUPPORT

The Tecnolite HEL-20W/BLB Black Light Fluorescent Spiral Bulb comes with a **two-year warranty** from the date of purchase.

For technical support, warranty claims, or any inquiries regarding your product, please contact Tecnolite customer service. You can find more information and contact details by visiting the official Tecnolite store or website.

Tecnolite Store: [Visit Tecnolite Store on Amazon.com.mx](https://www.amazon.com.mx/stores/Tecnolite)

	<p>Tecnolite 20LHBLED MVTCR GBCBW Smart LED Bulb: Instructions & Limited Warranty</p> <p>User manual and limited warranty for the Tecnolite 20LHBLED MVTCR GBCBW Smart LED Bulb, covering installation, maintenance, technical specifications, and customer support.</p>
	<p>Tecnolite 60CTL818 MVDB Indoor Pendant Light: Installation and Warranty Guide</p> <p>Comprehensive guide for the Tecnolite 60CTL818 MVDB indoor pendant light, covering installation steps, technical specifications, safety precautions, maintenance, and limited warranty details.</p>
	<p>Tecnolite LED Lamp 13W E27 - Installation, Specifications, and Warranty</p> <p>Comprehensive guide for Tecnolite LED Lamp models 13SA19LED30MV200 and 13SA19LED65MV200, covering installation, electrical specifications, safety precautions, maintenance, and limited warranty information. Features adjustable wattage (6W, 9W, 13W) and E27 base.</p>
	<p>Tecnolite Indoor Light Fixture Installation Guide and Limited Warranty</p> <p>Comprehensive installation instructions, technical specifications, and limited warranty details for Tecnolite indoor LED light fixtures, model numbers 36FLCPL120MV40B and 36FLCPL120MV65B.</p>

	<p>TecnoLite 12FTLLED013MV30N Outdoor LED Light Fixture Installation and Warranty Guide</p> <p>Installation guide and limited warranty details for the TecnoLite 12FTLLED013MV30N outdoor LED light fixture. Includes technical specifications, safety precautions, parts list, and customer support information.</p>
	<p>TecnoLite 60FTLP3430MVN Outdoor Light Installation and Warranty Guide</p> <p>Comprehensive installation instructions and limited warranty details for the TecnoLite 60FTLP3430MVN outdoor light fixture. Includes technical specifications, safety precautions, and maintenance advice.</p>