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› [Technical Precision](#) /

› Instruction Manual for SCHERR TUMICO 20-3500 SERIES SURFACE ILLUM Light Bulb

Technical Precision 20-3500 SERIES SURFACE ILLUM

Instruction Manual for SCHERR TUMICO 20-3500 SERIES SURFACE ILLUM Light Bulb

Model: 20-3500 SERIES SURFACE ILLUM | Brand: Technical Precision

1. PRODUCT OVERVIEW

This manual provides essential information for the safe and effective use of the Technical Precision Replacement SCHERR TUMICO 20-3500 SERIES SURFACE ILLUM Light Bulb. This incandescent bulb is designed for specific surface illumination applications, offering reliable performance and consistent light output.



Figure 1: Front view of the Technical Precision SCHERR TUMICO 20-3500 SERIES SURFACE ILLUM Light Bulb.

2. SAFETY INFORMATION

Please read and understand all safety precautions before installing or operating the light bulb.

- **Electrical Hazard:** Always disconnect power to the fixture before installing or removing the bulb to prevent electric shock.
- **Burn Hazard:** Light bulbs can become extremely hot during operation. Allow the bulb to cool completely before handling.
- **Fragile:** Handle the bulb with care. Avoid dropping or subjecting it to impact, as this may cause breakage.
- **Proper Disposal:** Dispose of used or broken bulbs according to local regulations.
- **Compatibility:** Ensure the bulb's voltage and wattage match the fixture's requirements. This bulb is 150 Watts.

3. SETUP AND INSTALLATION

Follow these steps for proper installation of the light bulb:

1. **Power Disconnection:** Turn off the power supply to the lighting fixture at the circuit breaker or wall switch.
2. **Cool Down:** If replacing an existing bulb, ensure it has cooled down completely before touching.
3. **Remove Old Bulb:** Carefully unscrew or unclip the old bulb from the fixture.
4. **Inspect Fixture:** Check the fixture for any damage or debris that might interfere with the new bulb.
5. **Install New Bulb:** Gently insert the Technical Precision 20-3500 SERIES SURFACE ILLUM Light Bulb into the socket. Ensure it is securely seated. Avoid overtightening.
6. **Restore Power:** Turn the power supply back on.
7. **Test:** Turn on the light switch to confirm the bulb is functioning correctly.



Figure 2: Various views of the light bulb, illustrating its pin base for proper insertion.

4. OPERATING INSTRUCTIONS

The Technical Precision 20-3500 SERIES SURFACE ILLUM Light Bulb operates as a standard incandescent bulb. Once installed and power is supplied, it will illuminate when the connected switch is activated.

- **On/Off Control:** Use the existing light switch or control mechanism of your fixture to turn the bulb on or off.
- **Dimming:** If your fixture is equipped with a compatible dimmer switch, this incandescent bulb may be dimmable. Refer to your dimmer switch's instructions for compatibility.
- **Intended Use:** This bulb is specifically designed for surface illumination applications as a replacement for SCHERR TUMICO 20-3500 SERIES.

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Video: Technical Precision 2024 - An overview of Technical Precision's lighting and energy solutions, demonstrating the brand's commitment to various applications including home, outdoor, appliances, medical facilities, schools, and offices. This video highlights the broad range of lighting products offered by Technical Precision.

5. MAINTENANCE

Minimal maintenance is required for this light bulb. Follow these guidelines to ensure optimal performance and longevity:

- **Cleaning:** Ensure the bulb is cool and power is disconnected before cleaning. Wipe the bulb gently with a soft, dry cloth. Do not use liquid cleaners or abrasive materials.
- **Regular Inspection:** Periodically check the bulb and fixture for any signs of wear, damage, or loose connections.

- **Replacement:** Replace the bulb when it burns out or if its light output significantly diminishes. Always use a compatible replacement bulb.

6. TROUBLESHOOTING

If you encounter issues with your light bulb, refer to the table below for common problems and solutions:

Problem	Possible Cause	Solution
Bulb does not light up.	No power to fixture, loose connection, faulty bulb, faulty switch.	Check circuit breaker. Ensure bulb is securely screwed in. Test with a known working bulb. Inspect or replace switch.
Bulb flickers.	Loose connection, incompatible dimmer, voltage fluctuations.	Tighten bulb. Ensure dimmer is compatible with incandescent bulbs. Consult an electrician for voltage issues.
Bulb burns out quickly.	Over-voltage, excessive vibration, frequent switching, faulty fixture.	Verify fixture voltage. Ensure bulb is not exposed to excessive vibration. Reduce frequency of on/off cycles. Inspect fixture for issues.

7. SPECIFICATIONS

Key specifications for the Technical Precision Replacement SCHERR TUMICO 20-3500 SERIES SURFACE ILLUM Light Bulb:

Attribute	Value
Brand	Technical Precision
Model Number	20-3500 SERIES SURFACE ILLUM
Light Type	Incandescent
Wattage	150 Watts
Unit Count	1.0 Count
Color Temperature	3500 Kelvin
Material	Glass
Shape	Tubular (T)
Connectivity Technology	Normal bulb

8. WARRANTY AND SUPPORT

For warranty information or technical support regarding your Technical Precision light bulb, please contact the manufacturer directly. Details can typically be found on the product packaging or the official Technical Precision website. You can also visit the [Technical Precision Store on Amazon](#) for more information and product offerings.

