

[manuals.plus](#) /› [Sunco Lighting](#) /› [Sunco PAR20 LED Bulb User Manual](#)

Sunco Lighting PAR20-7W-27K-10PK

Sunco PAR20 LED Bulb User Manual

Model: PAR20-7W-27K-10PK

Brand: Sunco Lighting

1. INTRODUCTION

This manual provides essential information for the safe and effective use of your Sunco PAR20 LED Bulbs. Please read this manual thoroughly before installation and operation, and retain it for future reference. The Sunco PAR20 LED Bulbs are designed for both indoor and outdoor applications, offering energy-efficient, dimmable lighting with a soft white glow. Their durable, wet-rated construction ensures reliable performance in various environments.

2. SAFETY INFORMATION

WARNING: To reduce the risk of electric shock, fire, or injury, always turn off the power to the fixture at the circuit breaker or fuse box before installation, removal, or inspection.

- Do not use with standard dimmers unless specified as compatible. Refer to the "Recommended Compatible Dimmers" section for approved models.
- Ensure the bulb is suitable for the fixture and environment. These bulbs are wet-rated and suitable for damp and wet locations, but the fixture itself must also be rated for the intended use.
- Do not disassemble or modify the bulb. There are no user-serviceable parts inside.
- Avoid direct exposure to water jets or submersion. While wet-rated, they are not designed for underwater use.
- Do not install in totally enclosed fixtures that restrict airflow, as this may shorten bulb life.
- Dispose of bulbs according to local regulations.

3. PRODUCT FEATURES

- **Energy Efficient:** 7W LED equivalent to 50W incandescent bulbs, significantly reducing energy consumption.
- **Dimmable:** Smooth dimming from 10% to 100% to create the desired ambiance.
- **Wet Rated:** Suitable for both indoor and outdoor applications, including damp and wet locations.

- **Soft White Light:** 2700K color temperature provides a warm and inviting soft white illumination.
- **Standard Base:** E26 medium screw base for easy installation in most standard fixtures.
- **Instant On:** Provides full brightness immediately with no warm-up time.
- **Flicker-Free:** Designed for maximum eye comfort without noticeable flickering.
- **High Color Rendering Index (CRI):** CRI of 90 ensures accurate and vibrant color representation.
- **UL Certified:** Tested and certified for safety and performance standards.
- **Long Lifespan:** Rated for 25,000 hours, reducing the need for frequent replacements.



Image: A 10-pack of Sunco PAR20 LED bulbs, showcasing the product's design and quantity.



One Bulb, Countless Uses

Accent beautiful landscapes, light up hard to reach areas, and more

Image: Illustration showing the versatility of Sunco PAR20 LED bulbs in various lighting applications, including track lighting, outdoor flood lights, and recessed lighting.

4. SETUP AND INSTALLATION

- Turn Off Power:** Before beginning installation, ensure the power to the light fixture is completely turned off at the circuit breaker or fuse box.
- Remove Old Bulb:** Carefully unscrew the existing bulb from the fixture. Allow it to cool if it has been recently in use.
- Inspect Fixture:** Check the light fixture for any damage or loose wiring. Ensure the fixture is clean and dry.
- Install New Bulb:** Gently screw the Sunco PAR20 LED bulb into the E26 medium base socket. Do not overtighten.
- Restore Power:** Once the bulb is securely installed, turn the power back on at the circuit breaker.

Upgrade Your Lights

Fits most 4" recessed lighting cans



Image: Diagram illustrating the dimensions of the PAR20 LED bulb (2.48" width, 3.19" height) and its E26 base, showing how it fits into a 4" recessed lighting can.



Image: A person installing a Sunco PAR20 LED bulb into a track light fixture, highlighting the universal E26 base compatibility with most track lights and recessed can housings.

5. OPERATING INSTRUCTIONS

5.1 Standard Operation

Once installed and power is restored, the Sunco PAR20 LED bulb will illuminate when the light switch is turned on. These bulbs provide instant full brightness without any warm-up period.

5.2 Dimming Functionality

The Sunco PAR20 LED bulbs are fully dimmable from 10% to 100%. For optimal performance and to avoid flickering or buzzing, use with compatible LED dimmers. Refer to the list of recommended dimmers below.

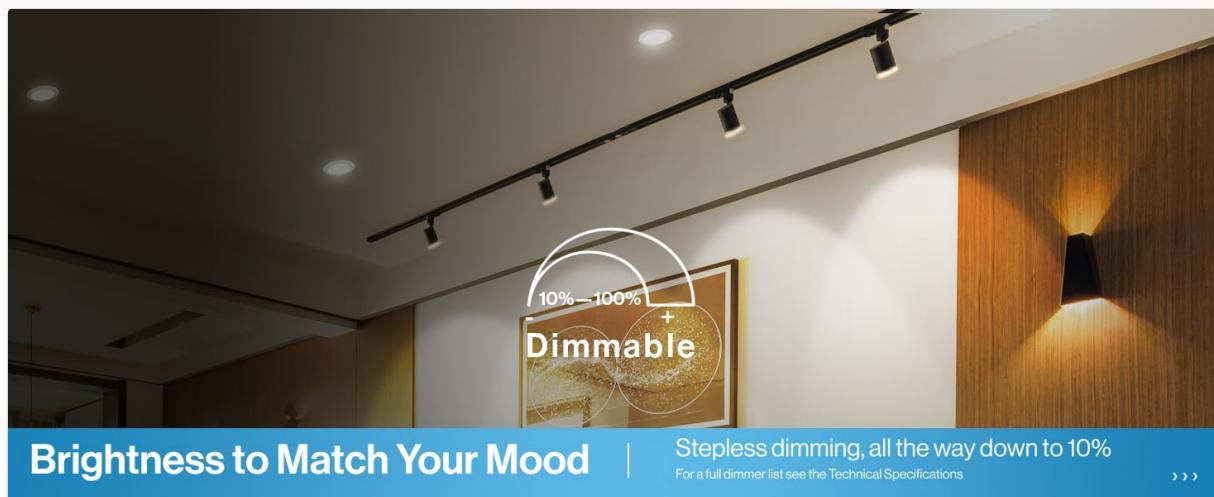


Image: An illustration demonstrating the dimmable range of the LED bulb, from 10% to 100% brightness, allowing users to adjust the light to match their mood.

5.3 Recommended Compatible Dimmers

For best dimming performance, Sunco recommends using the following dimmer models:

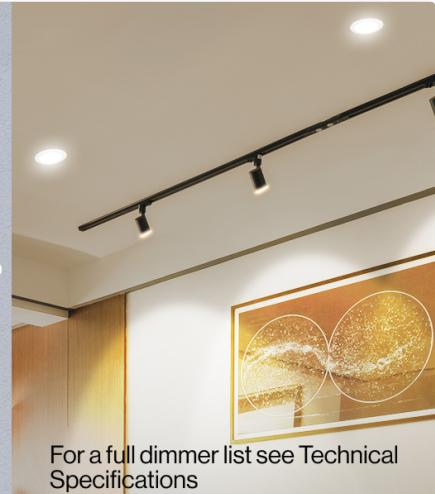
Brand	Model
LUTRON	MACL153M-WH, DVCL-153P-WH, PD-6WCL-WH-P, AYCL-153P-WH, P-PKG1WB-WH, SCL-153P-WH
TP LINK	Kasa Smart HS220

Brand	Model
Leviton	D26HD-2RW
Cloudy Bay	CBLDOO1WH
Amazon Basics	Smart
GE	93120079

Recommended Compatible Dimmers

Brand Model

LUTRON	MACL153M-WH	DVCL-153P-WH	PD-6WCL-WH-P
LUTRON	AYCL-153P-WH	P-PKG1WB-WH	SCL-153P-WH
TP LINK	Kasa Smart HS220		
Leviton	D26HD-2RW		
Cloudy Bay	CBLDOO1WH		
Amazon Basics	Smart		
GE	93120079		



For a full dimmer list see [Technical Specifications](#)

Image: A visual guide showing a hand adjusting a dimmer switch, with a Sunco PAR20 LED bulb and a list of recommended compatible dimmer brands and models.

6. MAINTENANCE

Sunco PAR20 LED bulbs are designed for long-term, maintenance-free operation. No regular maintenance is required beyond occasional cleaning.

- **Cleaning:** Ensure the bulb is cool and the power is off before cleaning. Wipe the bulb with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **Replacement:** Replace the bulb when it reaches the end of its operational life. Follow the installation steps in Section 4 for replacement.

Indoor



Dual use



Outdoor

Image: A split image demonstrating the dual use of Sunco PAR20 LED bulbs, showing them installed in an indoor setting (recessed lighting) and an outdoor setting (patio lighting), highlighting their versatility.

Wet Weather Ready

Safe for outdoor covered patios and enclosed fixtures

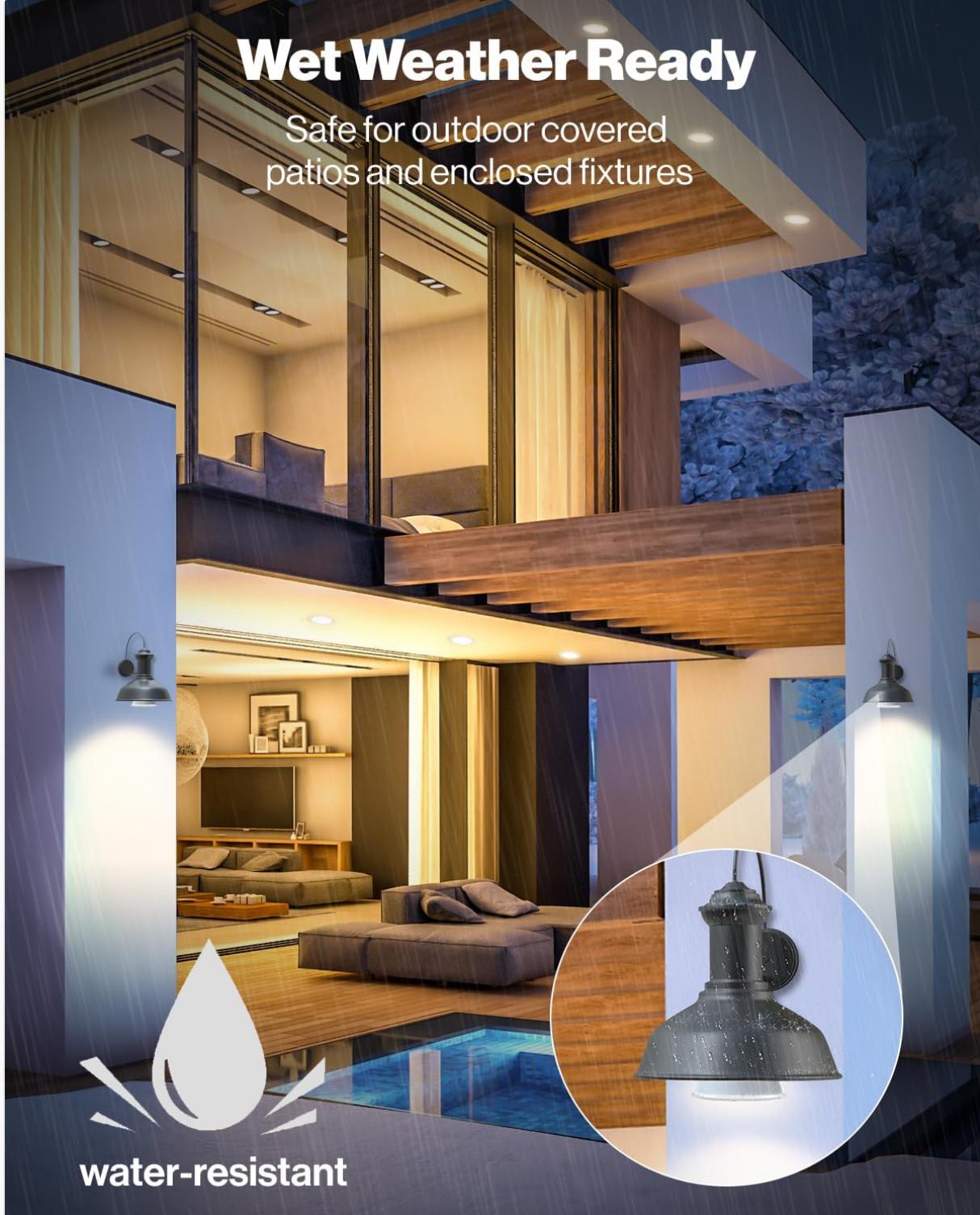


Image: A scene depicting a modern home with outdoor lighting, emphasizing that Sunco PAR20 LED bulbs are wet weather ready and safe for outdoor covered patios and enclosed fixtures, even in rainy conditions.

7. TROUBLESHOOTING

Problem	Possible Cause	Solution
Bulb does not light up.	No power to the fixture, loose connection, faulty bulb.	Check circuit breaker. Ensure bulb is screwed in tightly. Test bulb in another working fixture.

Problem	Possible Cause	Solution
Bulb flickers or buzzes when dimmed.	Incompatible dimmer switch.	Ensure you are using a compatible LED dimmer. Refer to Section 5.3 for recommended models.
Bulb life is shorter than expected.	Installed in an enclosed fixture without proper ventilation, high ambient temperature, power surges.	Ensure adequate ventilation around the bulb. Consider a surge protector if power surges are common.
Light output is too low.	Bulb is dimmed, incorrect bulb for application.	Adjust dimmer to full brightness. Verify the bulb's lumen output meets your lighting needs.

8. SPECIFICATIONS

Attribute	Value
Model Number	PAR20-7W-27K-10PK
Bulb Type	LED
Bulb Shape Size	PAR20
Base Type	E26 Medium Base
Wattage	7 Watts
Incandescent Equivalent	50 Watts
Brightness	500 Lumens (approx. 470 Lumens listed in specs)
Color Temperature	2700K (Soft White)
Dimmable	Yes (10%-100%)
Voltage	120 Volts
Lifespan	25,000 Hours
CRI (Color Rendering Index)	90
Indoor/Outdoor Usage	Indoor, Outdoor (Wet Rated)
Certifications	UL Listed
Product Dimensions	2.5"W x 3.2"H
Item Weight	1.23 pounds (for 10-pack)
UPC	726630039233

Next Generation LED



Image: An exploded view diagram of the PAR20 LED bulb, highlighting its advanced features such as energy saving (7W/50W equivalent), durable high-quality build, zero flickering, instant-on capability, 90 CRI, and E26 base.

Save Some Green

Lower energy consumption with decades of maintenance-free lighting. Save money and the environment.



Sunco's PAR20 LED



\$0.84 / Year

Electricity bill



22+ years

Lifespan



Image: A comparison graphic showing the energy and cost savings of Sunco's PAR20 LED bulb (\$0.84/year, 22+ years lifespan) versus other PAR20 bulbs (\$4.82/year, 5 years lifespan), demonstrating lower energy consumption and longer life.

9. WARRANTY AND SUPPORT

Sunco Lighting provides a **5-Year Protection** for these PAR20 LED bulbs. This warranty covers defects in materials and workmanship under normal use and service conditions.

For warranty claims, technical support, or any inquiries, please contact Sunco Lighting customer service. As a USA-based company, Sunco is committed to providing knowledgeable support specialists and industry-leading warranties.

- **Contact Information:** Please refer to the official Sunco Lighting website or product packaging for the most current contact details.

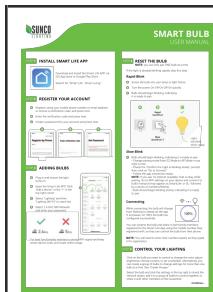
- **Online Resources:** Additional information, FAQs, and support resources may be available on the Sunco Lighting website.

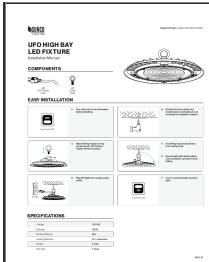


Image: A graphic highlighting the quality and certifications of Sunco products, including durable high-quality build, 5-year safeguard, Intertek ETL certification, FCC compliance, RoHS compliance, and being an American company.

© 2024 Sunco Lighting. All rights reserved.
This manual is subject to change without notice.

Related Documents - PAR20-7W-27K-10PK

	<p><u>Sunco Lighting Smart Bulb User Manual: Setup, Control, and Voice Integration</u></p> <p>Comprehensive user manual for Sunco Lighting Smart Bulbs. Learn how to install the Smart Life app, register your account, add bulbs, reset them, control lighting, and use voice commands with Google Home and Amazon Alexa.</p>
	<p><u>Sunco Lighting REMODEL CAN 6" Install Guide and Manual</u></p> <p>Comprehensive installation guide and manual for the Sunco Lighting REMODEL CAN 6-inch recessed lighting fixture. Includes easy installation steps, safety warnings, and technical specifications.</p>
	<p><u>Sunco Lighting 150W White UFO High Bay LED - Wet Rated, AC120-277V</u></p> <p>Comprehensive information on the Sunco Lighting 150W White UFO High Bay LED fixture, highlighting its wet-rated durability, AC120-277V voltage compatibility, and suitability for various commercial and industrial environments.</p>



[Sunco Lighting UFO High Bay LED Fixture Installation Manual](#)

Installation manual for the Sunco Lighting UFO High Bay LED Fixture, detailing components, step-by-step installation, specifications, safety warnings, and FCC compliance notes.



[LED Canopy Light Installation Guide](#)

Comprehensive installation guide for the Sunco Lighting LED Canopy Light, detailing surface mounting, pendant mounting, and power/CCT selection. Includes wiring diagrams and safety warnings.



[LED Wall Pack Installation Guide - Sunco Lighting](#)

Comprehensive installation guide for Sunco Lighting LED Wall Pack fixtures, covering junction box and conduit mounting, wiring, photocell installation, and troubleshooting.