

PHILIPS 196074

Philips 196074 SF100-SCT-T-G2 Outdoor Flood LED Fixture Instruction Manual

Model: 196074 | Part Number: SF100-SCT-T-G2-10-PCB-BZ

1. INTRODUCTION

Thank you for choosing the Philips 196074 SF100-SCT-T-G2 Outdoor Flood LED Fixture. This manual provides essential information for the safe installation, operation, and maintenance of your new LED floodlight. Please read these instructions thoroughly before installation and retain them for future reference.

This fixture is designed for outdoor use, providing powerful and efficient illumination with selectable lumen output and color temperature options. It features a durable construction and an integrated photocell for automatic operation.

2. SAFETY INSTRUCTIONS

WARNING: To reduce the risk of death, personal injury, or property damage from fire, electric shock, falling parts, cuts/abrasions, and other hazards, read all warnings and instructions included with and on the fixture box and all fixture labels.

- Installation must be performed by a qualified electrician in accordance with all applicable national and local electrical codes.
- Disconnect power at the fuse or circuit breaker before installation or servicing.
- Ensure the supply voltage is compatible with the fixture's requirements (120 to 347V AC).
- Do not handle energized fixtures with wet hands or when standing on wet or damp surfaces.
- Use only UL-approved wire for connections.
- This fixture is rated IP65 for protection against dust and water jets. Do not submerge.
- Do not look directly into the operating LED light source.

3. PACKAGE CONTENTS

Verify that all components are present and undamaged before proceeding with installation.

- Philips 196074 SF100-SCT-T-G2 Outdoor Flood LED Fixture (1 unit)
- Yoke/Trunnion Mount (pre-attached or separate)

- Installation Hardware (screws, washers, nuts)
- Instruction Manual (this document)



Image 1: Philips 196074 Flood LED Fixture with included mounting hardware. The fixture is a rectangular bronze unit with an integrated LED panel and a U-shaped yoke mount.

4. SETUP AND INSTALLATION

This fixture is designed for ground, pole, or wall mounting using the provided yoke/trunnion mount.

4.1 Pre-Installation

1. **Turn off power:** Ensure power to the installation area is disconnected at the circuit breaker or fuse box.
2. **Select mounting location:** Choose a sturdy surface capable of supporting the fixture's weight. Ensure adequate clearance for light distribution.
3. **Prepare wiring:** Run appropriate electrical wiring (120-347V AC) to the chosen mounting location.

4.2 Mounting the Fixture

1. Position the yoke/trunnion mount against the desired surface. Mark the drilling points.
2. Drill pilot holes as marked.
3. Secure the yoke/trunnion mount to the surface using the provided hardware. Ensure it is firmly attached.
4. Adjust the angle of the fixture as needed and tighten the pivot bolts on the yoke to secure its position.

4.3 Electrical Connection

1. Open the wiring compartment on the fixture (if applicable) or access the wiring leads.
2. Connect the fixture's black wire to the supply's live/hot wire.
3. Connect the fixture's white wire to the supply's neutral wire.
4. Connect the fixture's green or bare copper wire to the supply's ground wire.
5. Ensure all connections are secure using UL-approved wire connectors.
6. Close and seal the wiring compartment to maintain the IP65 rating.

5. OPERATING INSTRUCTIONS

The Philips 196074 fixture features selectable lumen output and color temperature, along with an integrated photocell for automatic dusk-to-dawn operation.

5.1 Lumen and Color Temperature Selection

Before powering on the fixture, locate the selector switches on the side or back of the unit. These switches allow you to choose the desired lumen output and color temperature.

- **Lumen Output Options:** 9,540 lm, 12,320 lm, 14,800 lm
- **Color Temperature Options:** 3000K (Warm White), 4000K (Cool White), 5000K (Daylight)

Set the switches to your preferred combination. Changes made while the fixture is powered may not take effect immediately or may require a power cycle.

5.2 Photocell Operation

The integrated photocell automatically turns the fixture ON at dusk and OFF at dawn. Ensure the photocell sensor is not obstructed by objects, dirt, or debris, as this can interfere with its operation.

Once power is restored to the fixture, it will operate according to the photocell's light detection. There is no manual override for the photocell unless specified in advanced models (not applicable to this model).

6. MAINTENANCE

The Philips 196074 LED Flood Fixture requires minimal maintenance. Regular cleaning and inspection will ensure optimal performance and longevity.

- **Cleaning:** Periodically clean the lens and housing with a soft, damp cloth. Do not use abrasive cleaners or solvents, as these can damage the finish or lens. Ensure power is off before cleaning.
- **Inspection:** Annually inspect the fixture for any signs of damage, loose wiring, or corrosion. Ensure mounting hardware remains secure.
- **LEDs:** The LED light source is integrated and not user-replaceable. Do not attempt to open the sealed LED compartment.

7. TROUBLESHOOTING

If you experience issues with your fixture, refer to the following troubleshooting guide:

Problem	Possible Cause	Solution
Fixture does not turn on.	No power supply. Faulty wiring connection. Photocell detecting too much light.	Check circuit breaker/fuse. Verify all electrical connections are secure (power off first). Ensure photocell is not obstructed and it is dark enough for activation.
Fixture stays on during the day.	Photocell obstructed or faulty.	Clean photocell sensor. Ensure no external light source is shining directly on the photocell.
Light output is lower than expected.	Lumen selection switch set to lower output.	Verify the lumen selection switch is set to the desired output (power off first).
Incorrect color temperature.	Color temperature selection switch set incorrectly.	Verify the color temperature selection switch is set to the desired setting (power off first).

If the problem persists after attempting these solutions, contact Philips customer support.

8. SPECIFICATIONS

Feature	Detail
Model Number	196074
Part Number	SF100-SCT-T-G2-10-PCB-BZ
Brand	Philips
Type	Outdoor Flood LED Fixture
Lumen Output (Selectable)	9,540 lm, 12,320 lm, 14,800 lm
Fixture Wattage	150 W
Voltage	120 to 347V AC
Light Distribution Shape	110 degrees
Fixture Sensor Type	Photocell
Mounting Location	Ground, Pole, Wall
Mount Type	Yoke/Trunnion
Color Temperature (Selectable)	3000K, 4000K, 5000K
Fixture Housing Color	Bronze
Fixture Lens Material	Polycarbonate
IP Rating	IP65

Feature	Detail
Item Weight	8 pounds
UPC	190096196074

9. WARRANTY AND SUPPORT

Philips products are manufactured to the highest quality standards. For information regarding warranty coverage, please refer to the warranty card included with your product or visit the official Philips lighting website. For technical support, troubleshooting assistance, or to inquire about replacement parts, please contact Philips customer service:

- **Website:** www.lighting.philips.com
- **Phone:** Refer to your regional Philips support contact information.

Please have your model number (196074) and part number (SF100-SCT-T-G2-10-PCB-BZ) available when contacting support.

