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Goodlite G-96023

Goodlite 3-inch HO 15W LED Module (G-96023) User Manual

Model: G-96023 | Brand: Goodlite

1. INTRODUCTION

This manual provides detailed instructions for the installation, operation, and maintenance of the Goodlite 3-inch HO 15W LED Module, model G-96023. This high-output LED module is designed for recessed lighting applications, offering adjustable color temperature (5CCT), high lumen output, and versatile dimming capabilities. Please read this manual thoroughly before installation and operation to ensure proper use and safety.

2. SAFETY INFORMATION

WARNING: Risk of electric shock. Disconnect power at the fuse or circuit breaker before installation or servicing.

- Installation must be performed by a qualified electrician in accordance with all national and local electrical codes.
- Ensure the supply voltage is compatible with the fixture (120-277V).
- Do not modify the fixture or use it for purposes other than its intended use.
- This product is IC rated, allowing direct contact with insulation.
- This product is ETL rated, indicating compliance with North American safety standards.
- Avoid looking directly into the LED light source when illuminated.
- Keep packaging materials away from children.

3. PACKAGE CONTENTS

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

- LED Module (G-96023)
- 60° LED Lens (pre-installed or included)
- LED Driver

Note: Compatible 3-inch trims and additional lenses are sold separately.

4. SPECIFICATIONS

Feature	Detail
Model Number	G-96023
Wattage	15W
Brightness	1400 Lumens
Color Temperature (CCT)	2700K, 3000K, 3500K, 4100K, 5000K (Selectable)
Voltage	120-277V
Dimming	Triac (Forward-Phase) / 0-10V
Color Rendering Index (CRI)	90+
Beam Angle	60°
Certifications	IC Rated, ETL Rated
Material	Aluminum
Product Dimensions	3.7" L x 3.7" W x 5.48" H
Installation Type	Recessed, Semi Flush Mount

5. SETUP AND INSTALLATION

Follow these steps for safe and correct installation of your LED module.

5.1 Pre-Installation

- Turn off power:** Ensure power to the installation area is completely disconnected at the circuit breaker or fuse box.
- Inspect components:** Unpack the LED module and driver. Check for any damage.
- Prepare opening:** Ensure the ceiling opening is appropriate for a 3-inch recessed fixture.

5.2 Wiring Instructions

The LED module is hardwired and compatible with 120-277V systems. Refer to the wiring diagram on the LED driver for specific connections.

- Connect the **black** wire from the LED driver to the **hot (L)** wire from the power supply.
- Connect the **white** wire from the LED driver to the **neutral (N)** wire from the power supply.
- Connect the **green or bare copper** wire from the LED driver to the **ground** wire from the power supply.
- For 0-10V dimming, connect the purple (+) and gray (-) wires from the LED driver to the corresponding dimmer control wires. If not using 0-10V dimming, cap these wires individually.
- Connect the output wires from the LED driver to the LED module. Ensure polarity is correct (positive to positive, negative to negative).
- Secure all connections with appropriate wire connectors.

5.3 Mounting the LED Module



Figure 1: Goodlite 3-inch HO 15W LED Module. This image shows the black aluminum housing with heat sink fins and the white LED lens at the bottom, ready for recessed installation.

1. Once wiring is complete and secured, carefully place the LED driver into the junction box or ceiling cavity.
2. Insert the LED module into the 3-inch recessed housing (sold separately). Ensure the module is seated firmly and flush with the ceiling surface.
3. If using swappable trims (sold separately), attach the desired trim according to its specific instructions.

5.4 Swappable Trims and Lenses

The G-96023 module supports swappable trims and lenses (sold separately) to customize appearance and

light distribution. Refer to the instructions provided with your specific trim or lens for attachment and removal procedures.

6. OPERATING INSTRUCTIONS

6.1 Adjusting Color Temperature (5CCT)

The Goodlite G-96023 module features 5CCT adjustable technology, allowing you to select from five color temperatures: 2700K (Warm White), 3000K (Soft White), 3500K (Neutral White), 4100K (Cool White), and 5000K (Daylight). The CCT selection switch is typically located on the LED driver or the module itself.

1. Ensure power is supplied to the fixture.
2. Locate the CCT selection switch. This is often a small toggle switch.
3. Move the switch to the desired color temperature setting. The light will change immediately.
4. Test each setting to find the preferred ambiance for your space.

Note: It is recommended to select the desired CCT before final installation if the switch is difficult to access once installed.

6.2 Dimming Functionality

This LED module is compatible with both Triac (forward-phase) and 0-10V dimming systems. Use a compatible dimmer switch for optimal performance.

- **Triac Dimming:** Connect the module to a standard Triac dimmer switch. Ensure the dimmer is rated for LED loads.
- **0-10V Dimming:** Connect the purple and gray wires from the LED driver to a compatible 0-10V dimmer control.
- Adjust the dimmer switch to achieve the desired light intensity.

Note: Using an incompatible dimmer may result in flickering, reduced dimming range, or damage to the LED module.

7. MAINTENANCE

The Goodlite LED module requires minimal maintenance due to its long operational life.

- **Cleaning:** Ensure power is off before cleaning. Wipe the fixture with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners or solvents.
- **LED Longevity:** The integrated LED is designed for long-term use and is not user-replaceable.
- **Inspection:** Periodically check for any loose connections or visible damage. If any issues are found, consult a qualified electrician.

8. TROUBLESHOOTING

If you experience issues with your LED module, refer to the following common troubleshooting steps:

Problem	Possible Cause	Solution
Light does not turn on.	No power supply; Loose wiring; Faulty switch/dimmer; Incorrect CCT setting.	Check circuit breaker/fuse. Verify all wire connections are secure. Test switch/dimmer. Ensure CCT switch is set to a valid position.

Problem	Possible Cause	Solution
Light flickers or dims improperly.	Incompatible dimmer; Loose wiring; Overloaded circuit.	Ensure dimmer is compatible with LED (Triac or 0-10V). Check wiring connections. Reduce load on circuit if overloaded.
Incorrect color temperature.	CCT switch set incorrectly.	Adjust the CCT selection switch to the desired setting.
Light output is lower than expected.	Dimmer setting too low; Incorrect voltage.	Adjust dimmer to maximum brightness. Verify supply voltage is within 120-277V range.

If troubleshooting steps do not resolve the issue, contact Goodlite customer support or a qualified electrician.

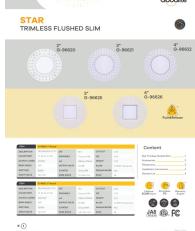
9. WARRANTY AND SUPPORT

Goodlite products are manufactured to high-quality standards. For warranty information, technical support, or assistance with your Goodlite 3-inch HO 15W LED Module (G-96023), please contact Goodlite customer service through their official website or the retailer where the product was purchased.

Please have your model number (G-96023) and purchase date available when contacting support.

Related Documents - G-96023

	<p>Goodlite ASTER 3" Interchangeable Module: Product Specifications and Options</p> <p>Explore the Goodlite ASTER 3" Interchangeable Module series, featuring models like G-96012, G-96022, G-96023, and G-96024. This catalog details specifications, lens options, trims, accessories, and multi-head configurations for versatile commercial and residential lighting solutions.</p>
	<p>Goodlite REGULUS 2" Trimless Recessed Slim LED Downlight G-96720 - Specifications & Installation</p> <p>Detailed specifications, installation guide, and dimmer compatibility for the Goodlite REGULUS 2" Trimless Recessed Slim LED downlight (Model G-96720). Features selectable CCT, 120° beam angle, and 50,000-hour lifespan.</p>
	<p>Goodlite ASTER 2" Interchangeable Module: Specifications, Options, and Accessories</p> <p>Discover the Goodlite ASTER 2" Interchangeable Module. This document details product specifications for models G-48340, G-20215, and G-20213, along with comprehensive options for lenses, trims, trimless kits, multi-head configurations, and compatible accessories.</p>

	<p>Goodlite T8 4 FT LED Universal Tube Series Specifications</p> <p>Detailed specifications for Goodlite T8 4 FT LED Universal tubes, including frosted and clear options, selectable color temperatures (5CCT and 3CCT), wattage, lumens, input voltage, dimmability, and compatibility information for accessories and dimmers.</p>
	<p>Goodlite STAR Trimless Flushed Slim LED Fixtures: Specifications & Installation Guide</p> <p>Comprehensive guide to Goodlite's STAR Trimless Flushed Slim LED lighting series. Features detailed specifications, dimensions, installation instructions, and dimmer compatibility for round and square models (G-96620, G-96621, G-96622, G-96625, G-96626).</p>
	<p>Goodlite ASTER 3.5" Interchangeable Module Product Specifications and Options</p> <p>Detailed specifications, lens options, trim styles, accessories, and multi-head kits for the Goodlite ASTER 3.5" Interchangeable LED Module (G-23500, G-23505).</p>

Documents - Goodlite – G-96023



[\[pdf\] Accessories](#)

ASTER 3 INTERCHANGEABLE MODULE New Spec Sheet Goodlite Changeable Trim for Aster 9W 15W 24W Regress Luminaire Sel COMMUNITY LIGHTING ELECTRIC SUPPLY v 1734629849 cdn shopify s files 1 0602 1038 1031 |||

ASTER 3 INTERCHANGEABLE MODULE G-96022 **G-96023** G-96024 ITEM G-96022 9W DESCRIPTION M3/9W/LED/5CCT COLOR TEMP 27, 30, 35, 41, 50k OUTPUT LUMEN 850 BEAM ANGLE 40 Clear Default WATTAGE 9W INPUT VOLTS EQUIV. WATTAGE 120/277V 75W OUTPUT VOLTS IC RATED 33-38V YES CRI 90 PACKED 18...

lang:en score:30 filesize: 3.23 M page_count: 8 document date: 2024-12-18



[pdf] Warranty

aster444 Spec Sheet Goodlite Changeable Trim for Aster 3W 15W 24W Regress Luminaire Sel COMMUNITY LIGHTING ELECTRIC SUPPLY v 1732048089 cdn shopify s files 1 0602 1038 1031 ||| ASTER 3 INTERCHANGEABLE MODULE ITEM G-96022 DESCRIPTION COLOR TEMP OUTPUT LUMEN BEAM ANGLE WATTAGE INPUT VOLTS EQUIV. WATTAGE CRI DIMMABLE mA OUTPUT VOLTS IC-Rated Pack M3/9W/LED/5CCT 27, 30, 35, 41, 50k 850 40 9W 120/277V 75W 90 Triac or 0-10 Dimming 210mA 33-38V YES 18 ITEM **G-96023** DESCRI...

lang:en score:29 filesize: 3.48 M page_count: 6 document date: 2024-11-18



[pdf] Warranty

ASTER 3 INTERCHANGEABLE MODULE 7 25 24 Goodlite Millwork Trims for Aster Regress Luminaires Selectable CCT COMMUNITY LIGHTING ELECTRIC SUPPLY 1 v 1722959149 u003eSpec cdn shopify s files 0602 1038 1031 |||

ASTER 3 INTERCHANGEABLE MODULE ITEM G-96022 DESCRIPTION COLOR TEMP OUTPUT LUMEN BEAM ANGLE WATTAGE INPUT VOLTS EQUIV. WATTAGE CRI DIMMABLE mA OUTPUT VOLTS IC-Rated Pack M3/9W/LED/5CCT 27, 30, 35, 41, 50k 850 40 9W 120/277V 75W 90 Triac or 0-10 Dimming 210mA 33-38V YES 18 ITEM **G-96023** DESCRI...

lang:en score:29 filesize: 2.43 M page_count: 5 document date: 2024-08-01



[Goodlite ASTER 3" LED Interchangeable Module: Specs, Options, and Dimmers](#)

Explore the Goodlite ASTER 3" LED interchangeable module series. Find detailed specifications, lens options, trim styles, accessories, and dimmer compatibility for models G-96012, G-96022, G-96023, and G-96024.

lang:en score:28 filesize: 4.73 M page_count: 10 document date: 2025-08-12



[Goodlite ASTER 3" Interchangeable Module: Product Specifications and Options](#)

Explore the Goodlite ASTER 3" Interchangeable Module series, featuring models like G-96012, G-96022, G-96023, and G-96024. This catalog details specifications, lens options, trims, accessories, and multi-head configurations for versatile commercial and residential lighting solutions.

lang:en score:24 filesize: 5.37 M page_count: 12 document date: 2025-10-23

[Goodlite ASTER 3" Interchangeable RGBWW LED Module - Specifications and Options](#)

Detailed product catalog for the Goodlite ASTER 3" Interchangeable RGBWW LED Module (Model G-30330). Includes specifications, lens options, trims, accessories, dimmers, and multi-head kit configurations.

lang:nl score:21 filesize: 4.38 M page_count: 12 document date: 2025-09-10

[pdf] Accessories

Aster Sell Sheet Goodlite 1 Accessory Lenses COMMUNITY LIGHTING ELECTRIC SUPPLY Aster
fddd2686 cd6d 4e29 962e 96dcdedda3b2cdn shopify s files 0602 1038 1031 96dcdedda3b2 v
1741207069 SUPPLY Goodlite Changeable Trim for 2 8W 14W 20W Recessed Luminaire Sel
1741207069cdn 1732045679 ||| ||| ADVANCED LIGHTING MODULE LED Module Optic Reflector Lens
fastener Field Changeable Lens Aster Series - Interchangeable Modules FLEXIBLE ILLUMINATION
SOLUTION Our innovative LED module boasts a versatile modular design, allowing for effortless
ADVANCED LIGHTING MODULE LED Module Optic Reflector Lens fastener Field
Changeable Lens Aster Series ... 13 M2/20W/14W/WS2/LED/5CCT Output lumens:
1700/1200 3 G-96022 M3/9W/LED/5CCT Output lumens: 850 **G-96023**
M3/15W/LED/5CCT Output lumens: 1400 G-96024 M3/24W/LED/5CCT NON-IC
Output lumens: 1800 4 ...

lang:de score:13 filesize: 3.71 M page_count: 4 document date: 2024-03-20