

## ELCO Lighting ET530-24W

# ELCO Lighting ET530-24W Low Voltage Round Back with Stem Extension User Manual

BRAND: ELCO LIGHTING

## 1. PRODUCT OVERVIEW

The ELCO Lighting ET530-24W is a low voltage track lighting fixture designed for use with 1 or 2 circuit track systems and compatible accessories. This fixture provides focused illumination, ideal for accent lighting or task lighting applications. It includes a 12V solid state transformer and a 12" - 48" stem extension for adjustable height.

### Key Features:

- Designed for a 12V 50W MR16 lamp (lamp not included).
- Compact dimensions: 4 inches (L) x 2 1/2 inches (W).
- Compatible with 1 or 2 circuit track systems.
- Includes a 12V solid state transformer for safe low voltage operation.
- Features a 12" - 48" adjustable stem extension for versatile placement.





Figure 1: ELCO Lighting ET530-24W Low Voltage Round Back with Stem Extension. This image shows the complete track lighting fixture, including the track adapter, adjustable stem, and the lamp head with an MR16 lamp installed.

## 2. SETUP AND INSTALLATION

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Before beginning installation, ensure all power to the track system is turned off at the circuit breaker. Installation should be performed by a qualified electrician or a knowledgeable individual familiar with electrical wiring and track lighting systems.

### Required Tools (Not Included):

- Screwdriver (flathead or Phillips, depending on track system)
- Wire strippers (if modifying wiring)
- Voltage tester

## Installation Steps:

1. **Safety First:** Turn off power to the track lighting circuit at the main electrical panel. Verify power is off using a voltage tester.
2. **Prepare the Fixture:**
  - Unpack the ET530-24W fixture and inspect for any damage.
  - Adjust the stem extension to the desired length (12" to 48") by loosening the locking mechanism, extending or retracting the stem, and then tightening the mechanism securely.
3. **Insert Lamp:** Carefully insert a 12V 50W MR16 lamp into the lamp head. Ensure the lamp pins are correctly aligned with the socket holes and push gently until seated. *Do not force the lamp.*
4. **Attach to Track:**
  - Align the track adapter on the fixture with the track channel.
  - Push the adapter firmly into the track until it clicks into place.
  - Rotate the locking tab or lever on the track adapter to secure the fixture to the track. Ensure it is firmly locked to prevent accidental dislodgement.
5. **Positioning:** Once secured, you can slide the fixture along the track to the desired position. The lamp head can be swiveled and tilted to direct light as needed.
6. **Restore Power:** Once all fixtures are installed and secured, turn the power back on at the circuit breaker.

## 3. OPERATING INSTRUCTIONS

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The ELCO Lighting ET530-24W fixture operates directly from your track lighting system's power supply. It does not have an individual on/off switch.

### Basic Operation:

- **Turning On/Off:** The fixture will turn on and off with the main switch controlling your track lighting circuit.
- **Adjusting Light Direction:** The lamp head can be rotated horizontally and tilted vertically to direct the light beam precisely where needed. Gently adjust the head by hand.
- **Repositioning on Track:** To move the fixture along the track, ensure the locking tab is disengaged (if applicable) and slide it to the new desired location. Re-engage the locking tab to secure.

## 4. MAINTENANCE

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Regular maintenance ensures optimal performance and longevity of your ELCO Lighting ET530-24W fixture.

### Cleaning:

- **Always turn off power** to the fixture at the circuit breaker before cleaning.
- Allow the fixture and lamp to cool completely before touching.
- Wipe the exterior surfaces with a soft, dry, or slightly damp cloth. Do not use abrasive cleaners, solvents, or polishes as they may damage the finish.
- Avoid spraying liquids directly onto the fixture.

### Lamp Replacement:

- **Turn off power** to the fixture at the circuit breaker and allow the lamp to cool.

- Gently pull the old MR16 lamp straight out from the socket. Avoid twisting.
- Insert a new 12V 50W MR16 lamp, aligning the pins with the socket holes. Push gently until it is fully seated.
- Restore power to test the new lamp.

## 5. TROUBLESHOOTING

If you experience issues with your ELCO Lighting ET530-24W fixture, refer to the following common problems and solutions:

Problem	Possible Cause	Solution
Fixture does not light up.	<ul style="list-style-type: none"><li>• No power to the track.</li><li>• Lamp is burnt out or improperly seated.</li><li>• Fixture not properly connected to the track.</li><li>• Faulty transformer (less common).</li></ul>	<ul style="list-style-type: none"><li>• Check circuit breaker and wall switch.</li><li>• Replace lamp or ensure it is fully seated.</li><li>• Ensure fixture is securely locked onto the track.</li><li>• Contact a qualified electrician or ELCO Lighting support.</li></ul>
Light flickers.	<ul style="list-style-type: none"><li>• Loose lamp connection.</li><li>• Loose connection to the track.</li><li>• Incompatible dimmer (if applicable).</li></ul>	<ul style="list-style-type: none"><li>• Reseat the lamp.</li><li>• Ensure fixture is securely locked onto the track.</li><li>• Consult track system manual for dimmer compatibility.</li></ul>
Fixture is hot to the touch.	<ul style="list-style-type: none"><li>• Normal operation for halogen lamps.</li><li>• Incorrect lamp wattage.</li></ul>	<ul style="list-style-type: none"><li>• This is normal for MR16 halogen lamps. Ensure proper ventilation.</li><li>• Verify you are using a 12V 50W MR16 lamp. Do not exceed 50W.</li></ul>

## 6. SPECIFICATIONS

Attribute	Detail
Model Number	ET530-24W
Lamp Type	12V 50W MR16 (Max)
Dimensions (L x W)	4 inches x 2 1/2 inches
Stem Extension Length	12 inches - 48 inches (Adjustable)
Transformer	Integrated 12V Solid State Transformer
Compatibility	1 or 2 Circuit Track Systems
Manufacturer	Elco Lighting
ASIN	B00VRN8VZK

Attribute	Detail
Date First Available	March 30, 2015

## 7. WARRANTY AND SUPPORT

ELCO Lighting products are manufactured to high standards and undergo rigorous quality control. For specific warranty information regarding your ET530-24W fixture, please refer to the warranty documentation included with your purchase or visit the official ELCO Lighting website.

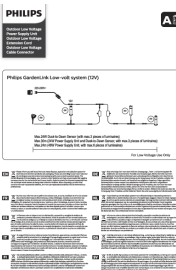
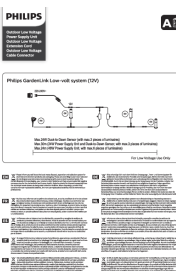
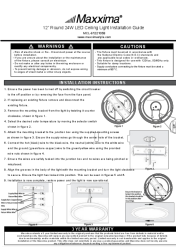
For technical support, replacement parts, or further assistance, please contact ELCO Lighting customer service. Contact details can typically be found on the product packaging or their official website.

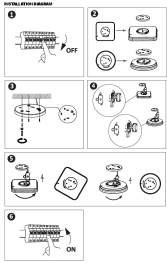

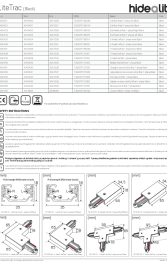
**ELCO Lighting Official Website:** [www.elcolighting.com](http://www.elcolighting.com)



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### Related Documents - ET530-24W

	<p><a href="#">Philips GardenLink Low-Voltage Outdoor Lighting System - Power Supply and Extension</a></p> <p>Information about the Philips GardenLink Low-Voltage outdoor lighting system, including power supply unit, extension cord, and cable connector specifications, and environmental disposal guidelines.</p>
	<p><a href="#">Philips GardenLink Low-Voltage Outdoor Lighting System - Power Supply and Extension</a></p> <p>Explore the Philips GardenLink low-voltage outdoor lighting system. This document details the power supply unit, extension cord, and cable connector specifications, including wattage, cable length, and luminaire capacity. It also provides essential information on responsible product disposal.</p>
	

	<p><a href="#">LED Luminaire Installation Guide</a></p> <p>Step-by-step installation diagram and instructions for surface-mounted LED luminaires, covering power disconnection, component assembly, ceiling mounting, wiring, and final connection.</p>
	<p><a href="#">Juno TRAC 12 Miniature 20-Amp Low Voltage Trac System: Sections, Joiners, Feeds, Monopoints</a></p> <p>Comprehensive guide to the Juno TRAC 12 Miniature 20-Amp Low Voltage Trac System. Details product specifications, ordering information, dimensions, installation instructions, and accessories including track sections, joiners, feeds, monopoints, and extension wands. Features BAA/BABA compliance and warranty information.</p>
	<p><a href="#">Hidealite LiteTrac Black: Lighting Track System Components &amp; Installation</a></p> <p>Explore the Hidealite LiteTrac Black lighting track system. This guide details components, specifications, and installation examples for versatile track lighting solutions from Hidealite, including safety instructions.</p>

Documents - ELCO Lighting – ET530-24W

Project name:  
Fixture type:  
Date:

Electronic Low Voltage Roundback Accent Light with Stem Extension Track Fixture

Features

- Includes 12, 18, 24, 36, 48, and 60" track and accessories.
- Long Life LED 3000K.
- 100% Dimmable with ELCO dimmer.
- 12, 18, 24, 36, 48, and 60" stem extension.
- 100% Dimmable with ELCO dimmer.

Specifications

Material	Aluminum
Finish	Black
Weight	1.5 lbs
Dimensions	12" x 18" x 18"

Options

Black

White

Dimensions

Product Numbers

Item	Description	Material	Finish	Weight
ET530-12	12" Extension	Alu	Black	0.1
ET530-18	18" Extension	Alu	Black	0.1
ET530-24	24" Extension	Alu	Black	0.1
ET530-36	36" Extension	Alu	Black	0.1
ET530-48	48" Extension	Alu	Black	0.1
ET530-60	60" Extension	Alu	Black	0.1

Technical Details

**Construction:** Premium quality aluminum track fixture with a clear powder coated finish for lasting beauty.

**Adjustability:** Track fixture is adjustable 180° vertically with 90° rotation.

**Length:** Compatible with 12, 18, 24, 36, 48, and 60" stems.

**Installation:** Fixtures installed into 1/2" hole from 1/2" to 1" depth. Compatible with single and double ended track. Can be installed on wall or ceiling.

**Material:** Solid state electronic low voltage transformer is compatible with 120V to 240V range or 240V to 100V range. Designed for long life operation.

**Dimmability:** Works with ELCO electronic low voltage dimmer switches. Dimmable to 50%. For full list of dimmers, visit the website [www.elco-lighting.com](#).

**Warranty:**

- 5 Year
- 100% Satisfaction

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[\[pdf\]](#) Specifications Dimension Guide Accessories

Electronic Low Voltage Roundback Accent Light with Stem Extension Track Fixture Elco ET530 36W 50W

Round Back 36 Build elco et530 specifications sheet s1 img b build mediabase 500795 |||

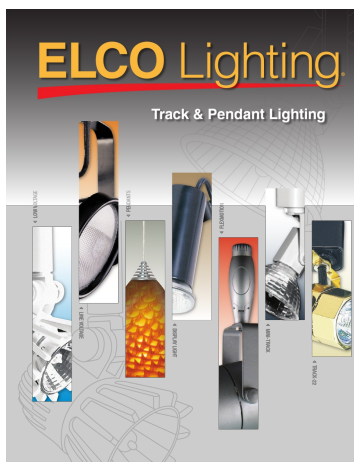
Project name: Fixture type: Date: Electronic Low Voltage Roundback Accent Light with Stem Extension ... 12 12 18 18 24 24 36 36 48 48 Stem Length B Black W White Finish Item ET530-12W ET530-18W **ET530-24W** ET530-36W ET530-48W Description 12 Extension 18 Extension 24 Extension 36 Extension 4...

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[\[pdf\]](#) Catalog

Final Pocket Catalog ELCO Lighting Lamp and hanger bars not included PAR30 PAR38 or A19 200W max lamp rating Trims feature white polycarbonate ring elcolighting sites default files dl resource ||| Founded on the philosophy that highquality commercial and residential lighting should be sold at a ... 49 LLAAMMPP:: 1122VV 5500WW MMRR1166 uunnlleessss nnootteedd ET530-12W, B 12 ET530-18W, B 18 **ET530-24W**, B 24 ET530-36W, B 36 ET530-48W, B 48 ET558-12W, B 12 ET558-18W, B 18 ET558-24W, B 2... lang:en **score:17** filesize: 6.35 M page\_count: 139 document date: 2012-08-22



[\[pdf\]](#) Catalog

Track Pendant Lighting US Electrical Services Line Voltage with optional EP900W B Power Transformer or monopoint installation using EP702 34 62 74 EP901B USESI 550932 catalog assets usesi product media catalogs ||| Track Pendant Lighting LOW VOLTAGE PENDANTS FLEXMOTION TRACK-22 MINI-TRACK DISPLAY LIGHT ... 528-24W, B 24 ET528-36W, B 36 ET528-48W, B 48 Round Back Head ET530-12W, B 12 ET530-18W, B 18 **ET530-24W**, B 24 ET530-36W, B 36 ET530-48W, B 48 Soft Square Head ET532-12W, B 12 ET532-18W, B 1... lang:en **score:13** filesize: 25.6 M page\_count: 92 document date: 2012-08-07



[\[pdf\]](#) Guide Accessories Catalog

Track Pendant Lighting ELCO has become an instant style upgrade to any home or commercial space put a lot of thought and care into the design manufacture USESI 565687 catalog assets usesi product media catalogs

Residential Commercial Track Pendant Lighting LED / Low Voltage / Line Voltage

Track Pendant ... 12V MR16 Fixture: 3 L x 2 1/4 O.D. Lamp not included Round Back  
White ET530-12W 12 ET530-18W 18 **ET530-24W** 24 ET530-36W 36 ET530-48W 48  
Black ET530-12B 12 ET530-18B 18 ET530-24B 24 ET530-36B 36 ET5...

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