**EZI-LED™ SHELF LIGHTING**

**INSTALLATION INSTRUCTIONS**

Please read through and understand each section before commencing any LED installation.

**Product Specifications**

**A** - LED Light Bar: 6500K (Cool White)

- **Lengths:** 550mm, 850mm, 1150mm
- **Power:** 6W, 9W, 12W
- **SKU:** LED-FL-65K-550, LED-FL-65K-850, LED-FL-65K-1150

**B** - Power Track: with Magnetic Backing

- **Lengths:** 600mm, 900mm, 1200mm, 1800mm
- **SKU:** LED-PT-600-xx, LED-PT-900-xx, LED-PT-1200-xx, LED-PT-1800-xx
- **Colours:** Black (BK) / White (WT)

**C** - Power Track to Power Track Connector:

- **Cable Length:** 200mm
- **Colour:** Black / White
- **SKU:** LED-PC-TT-BK, LED-PC-TT-WT

**D** - Power Track to LED Light Bar Connector:

- **Cable Length:** 500mm
- **Colour:** Black / White
- **SKU:** LED-PC-TL-500-BK, LED-PC-TL-500-WT

**E** - Power Track to Power Supply Connector:

- **Cable Length:** 1000mm
- **Colour:** Black / White
- **SKU:** LED-PC-MWTF-BK, LED-PC-MWTF-WT

**F** - Power Supply: 24V Aluminium Case

- **MeanWell Model:**
  - 24V-100W: LED-TF-MW24-100W, ELG-100-24

**Other accessories**

- **LED Flat Surface Mount U-Clip**
  - **SKU:** LED-FL-UCLIP

**IMPORTANT:** Maximum LED Light Loading per Power Supply -

<table>
<thead>
<tr>
<th>Power Supply</th>
<th>MeanWell Model</th>
<th>550mm (6W)</th>
<th>850mm (9W)</th>
<th>1150mm (12W)</th>
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<tbody>
<tr>
<td>24V-100W</td>
<td>ELG-100-24</td>
<td>16</td>
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<td>8</td>
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<tr>
<td>24V-150W</td>
<td>ELG-150-24</td>
<td>25</td>
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<td>24V-200W</td>
<td>ELG-200-24</td>
<td>32</td>
<td>22</td>
<td>16</td>
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</tbody>
</table>

The image shown above is not to scale and is for demonstration purposes only.
Power Track Layout Options

1 Bay

LED Light Bar
Power Track

2 Bays

3 Bays

Option 1
Option 2

4 Bays

For instances where the shelf heights are uneven, the Power Track should be positioned more centrally for easier installation. (Refer also to Option 1 of the 3 Bay layout)

A maximum of 4 LED Light Bars should be linked together in series.

PLEASE NOTE:
The layouts on this page are for conceptual purposes only.

Refer to the “Maximum LED Light Loading” Table on page 1 for the recommended LED Light Bar quantities per Power Supply.
**Pelmet & In-Series Options**

### Accessories required -

**Splitter Cable:**
- **Cable Length:** 1000mm
- **Colour:** Black, White
- **SKU:**
  - LED-PC-MW-4SPL-BK
  - LED-PC-MW-4SPL-WT
  - LED-PC-MW-2SPL-BK
  - LED-PC-MW-2SPL-WT

**PLEASE NOTE:**
The layouts on this page are for conceptual purposes only.

Refer to the “Maximum LED Light Loading” Table on page 1 for the recommended LED Light Bar quantities per Power Supply.

### Extension Cables:

<table>
<thead>
<tr>
<th>Cable Length</th>
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<th>White</th>
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<tbody>
<tr>
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<td>LED-PC-LL-125-WT</td>
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<tr>
<td>6000mm</td>
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<td>LED-PC-LL-6000-WT</td>
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</tbody>
</table>

A maximum of 4 LED Light Bars should be linked together in series.

### 2 Way Splitter

- **Power Supply**
- **Splitter Cable**
- **Extension Cable**
- **LED Light Bar**

Refer to the “Maximum LED Light Loading” Table on page 1 to match the most suitable power supply to the specific amount of LED light bars required.

### 3 Way Splitter

- **Extension Cable**
- **Splitter Cable**
- **Extension Cable**

### 4 Way Splitter

- **Extension Cable**

Refer to the “Maximum LED Light Loading” Table on page 1 to match the most suitable power supply to the specific amount of LED light bars required.
Step 1 - Identify Power Tracks required

Based on the height of the gondola, identify what lengths of Power Tracks are required. Examples below:

1200mm high
Gondola:
1x LED-PT-600
or LED-PT-1200

1500mm high
Gondola:
1x LED-PT-1200

1800mm high
Gondola:
1x LED-PT-1200

2100mm high
Gondola:
1x LED-PT-1200
and LED-PT-600
or 1x LED-PT-1800

2400mm high
Gondola:
1x LED-PT-1200
and LED-PT-600
or 1x LED-PT-1800

Step 2 - Attach Power Track(s)

Assemble the Power Track(s) to the back wall of the gondola. Starting from the top, slide the Power Track down behind the existing shelves.

Metal Backing:

Timber Backing:

2.1- For gondolas with a sheetmetal backing, use the magnetic tape to stick the Power Track on.

2.2- For gondolas with a timber backing, use self-tapping screws the assemble the Power Track. (Pilot holes recommended)
Step 3 - Attach Connectors

3.1- Connect LED-PC-TF-xx (Power Track to Power Supply Connector) to the Power Track.

3.2- Connect LED-PC-TT-xx (Power Track to Power Track Connector) - if required.

Step 4 - Attach LED Light Bars

Attach the LED Light Bars to the shelf.

4.1- For metal and wire shelves, use the integrated magnets supplied.

4.2- For timber shelves, use the U-Clips (LED-FL-U-CLIP). Pre-screw the clips into the timber shelf before attaching the LED Light Bars.
Step 5 - Assemble the LED Light Bar Connectors

5.1 - Attach the LED Light Bar plugs to LED-PC-TL-500-xx (Power Track to LED Light Bar Connector).

5.2 - Attach LED-PC-TL-500-xx (Power Track to LED Light Bar Connector) to the Power Track.

All connector tabs should face the same direction.

Step 6 - Attach Power Supply

6.1 - Attach LED-PC-MWTF-xx (Power Track to Power Supply Connector) to the Power Supply plug. Use the Locking Clip to secure the 2 plugs together; preventing them from coming apart.

6.2 - The Power Supply should be sitting/resting on a safe and level location.

6.3 - Connect the 3-pin plug into the retail outlet plug and turn on.

6.4 - Check that all LED Light Bars are on and working.
Installation Checklist

1. Before installation, check that all parts have been unpacked and checked for any damage.

2. Check that no more than the recommended LED Light Bars are attached to the one Power Supply. (Refer to the Table below)

3. Check that no more than 4 LED Light Bars are linked together in the same direction.

4. Check that all connector tabs attached to the Power Track are all facing the same direction.

5. Check that the plugs for the LED-PC-MWTF-xx (Power Track to Power Supply Connector) and Power Supply are secured together with a locking clip.

6. Check that the Power Supply is sitting in a safe and level location.

7. Check that no wires (or cables) are installed under tension.

8. Check that all the LED Light Bars are on and working

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Installation Sign-off

<table>
<thead>
<tr>
<th>Installation Contractor Name:</th>
<th>Signature:</th>
<th>Date:</th>
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<table>
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<tr>
<th>Electrician Name:</th>
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<tbody>
<tr>
<td>Electrician Licence No.:</td>
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<table>
<thead>
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<th>Location:</th>
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<tbody>
<tr>
<td>Store Manager/Representative Name:</td>
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