

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	1200mm	1800mm
SKU:	LED-PT-600-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

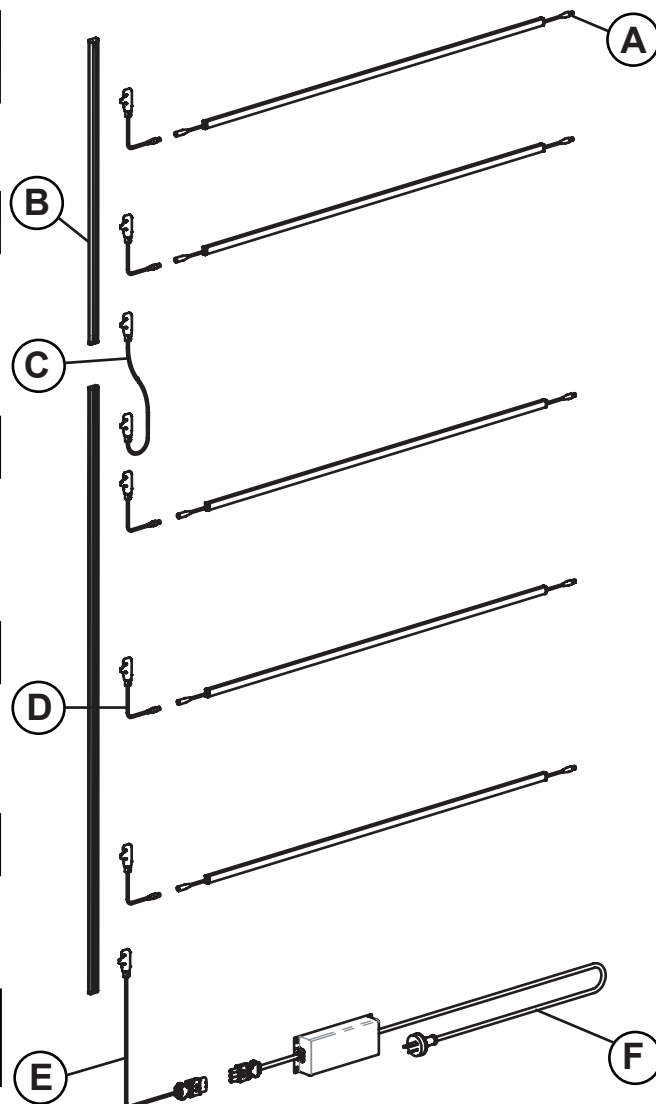
E - Power Track to Power Supply Connector:

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

F - Power Supply: 24V Aluminium Case

Wattage: SKU: MeanWell Model:

24V-100W	LED-TF-MW24-100W	ELG-100-24
24V-150W	LED-TF-MW24-150W	ELG-150-24
24V-200W	LED-TF-MW24-200W	ELG-200-24

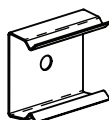


*The image shown above is not to scale
and is for demonstration purposes only*

Other accessories -

LED Flat Surface Mount U-Clip:

SKU: LED-FL-UCLIP

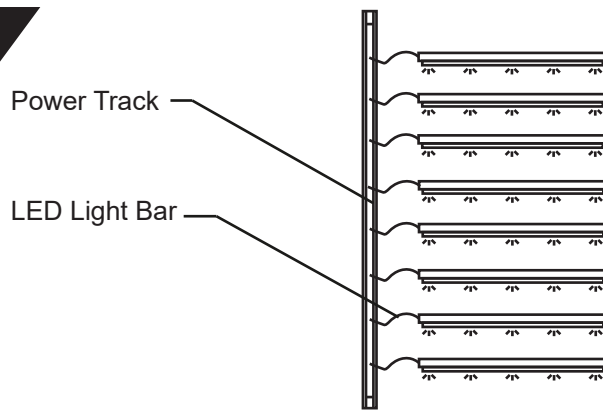


IMPORTANT: Maximum LED Light Loading per Power Supply -

			LED Light Bars		
		MeanWell Model:	550mm (6W)	850mm (9W)	1150mm (12W)
Power Supply	24V-100W	ELG-100-24	16	11	8
	24V-150W	ELG-150-24	25	16	14
	24V-200W	ELG-200-24	32	22	16

Power Track Layout Options

1 Bay

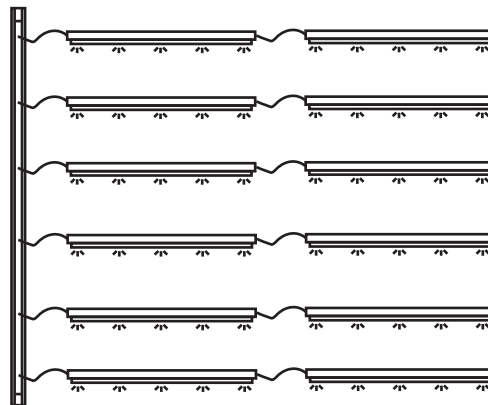


PLEASE NOTE:

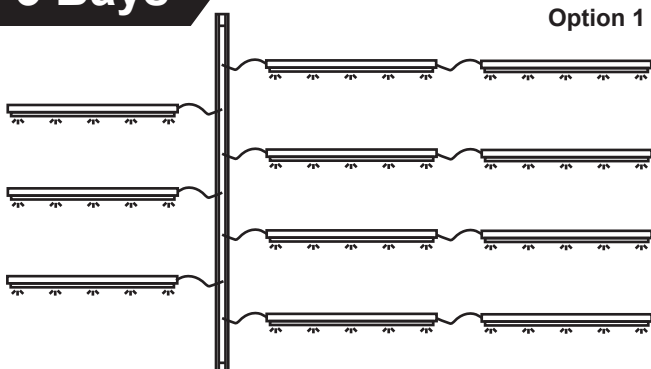
The layouts on this page are for conceptual purposes only.

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

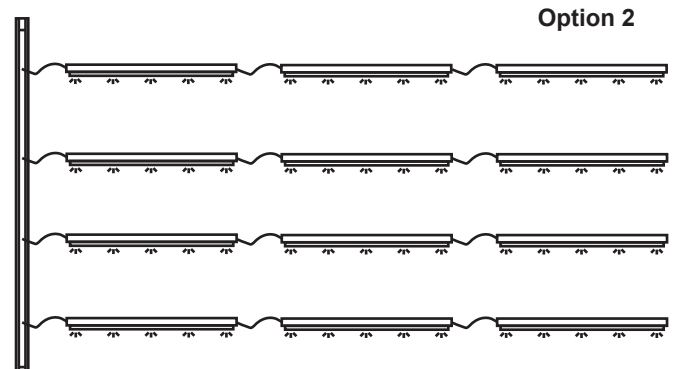
2 Bays



3 Bays

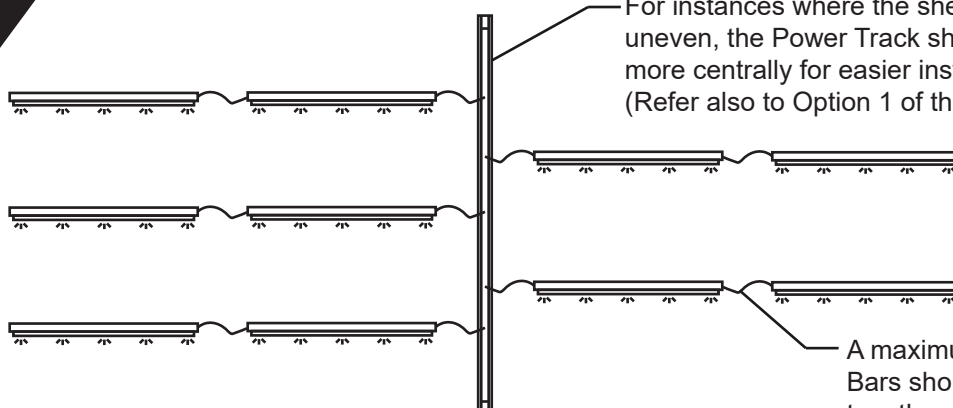


Option 1



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.

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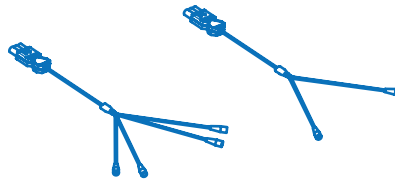


Pelmet & In-Series Options

Accessories required-

Splitter Cable:

Cable Length:	400mm
Colour:	Black
SKU:	LED-PC-MW-4SPL-BK
	LED-PC-MW-2SPL-BK



PLEASE NOTE:

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

Extension Cables:

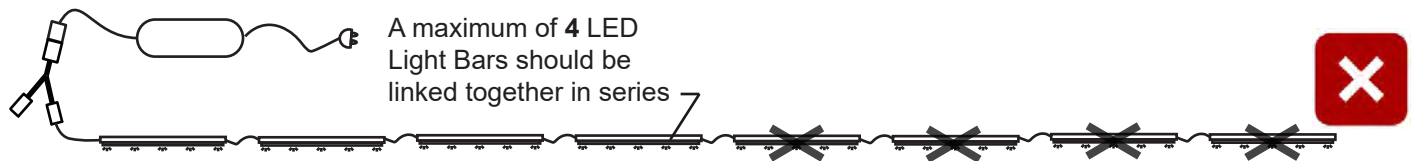
800mm



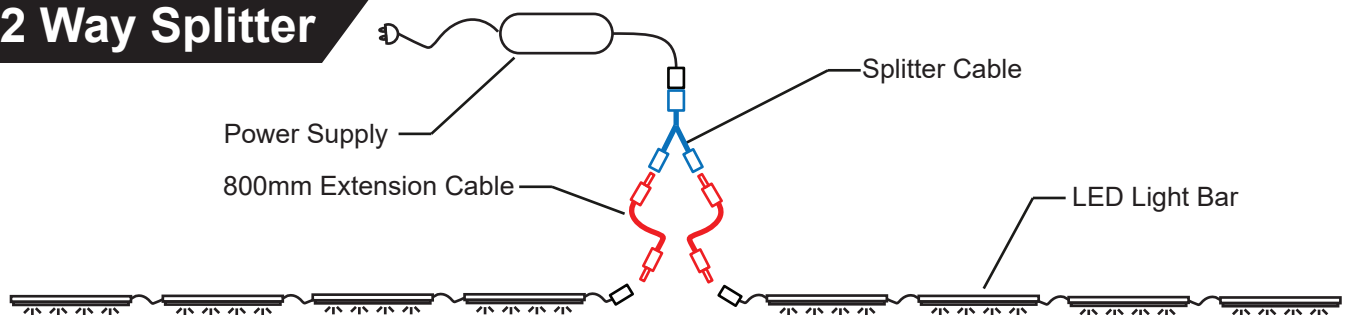
6000mm



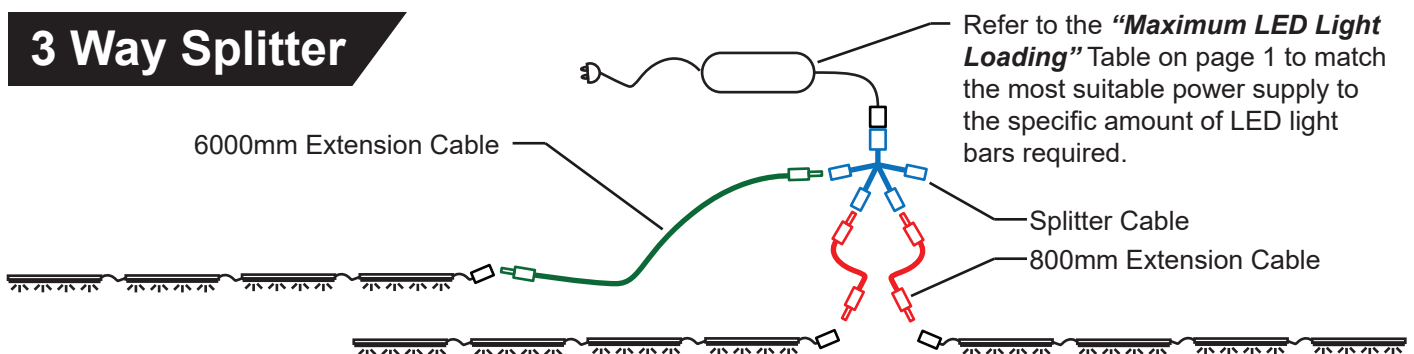
Colour:	Black		White	
Cable Length:	800mm	6000mm	800mm	6000mm
SKU:	LED-PC-PL-800-BK	LED-PC-PL-6000-BK	LED-PC-PL-800-WT	LED-PC-PL-6000-WT



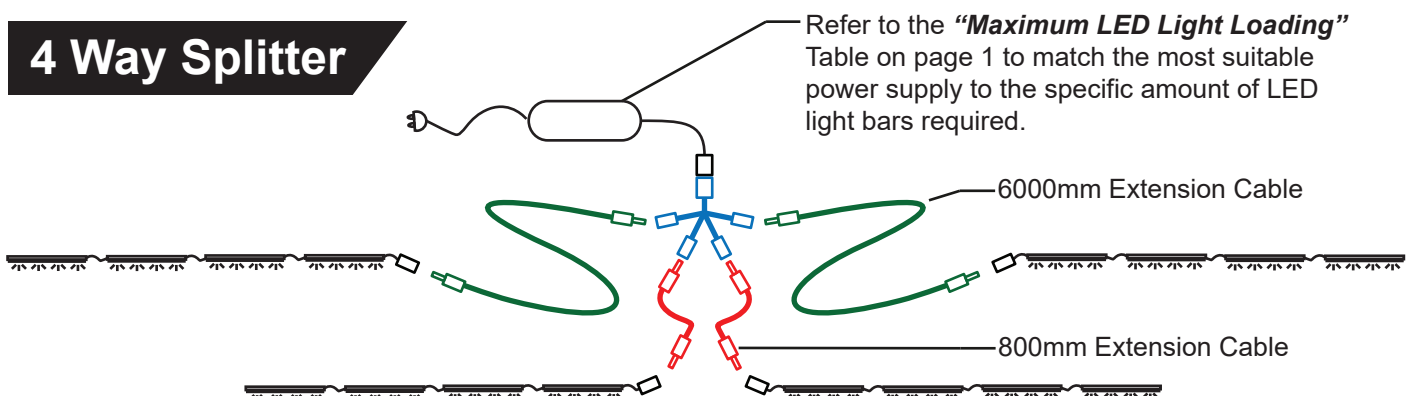
2 Way Splitter



3 Way Splitter

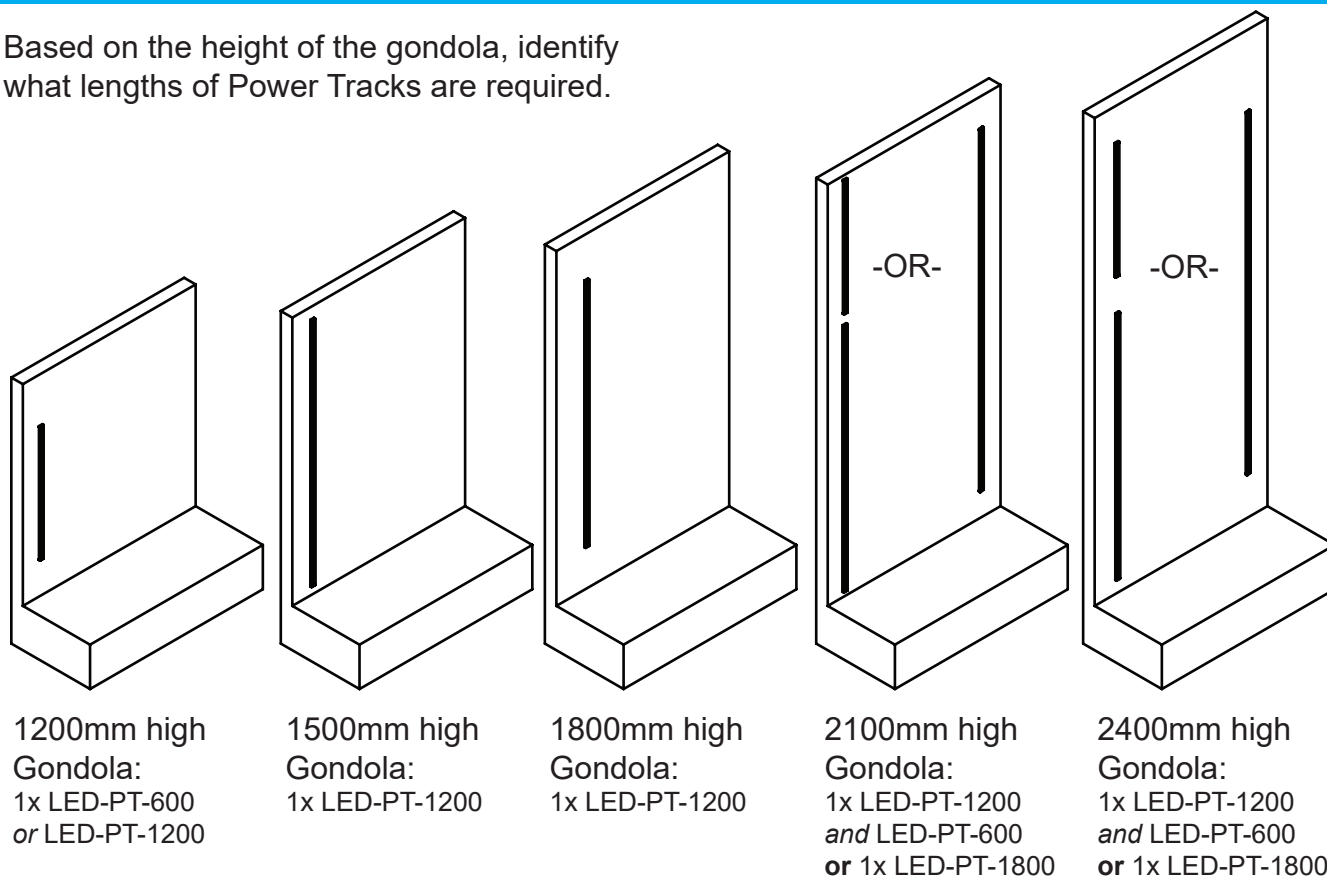


4 Way Splitter



Step 1 - Identify Power Tracks required

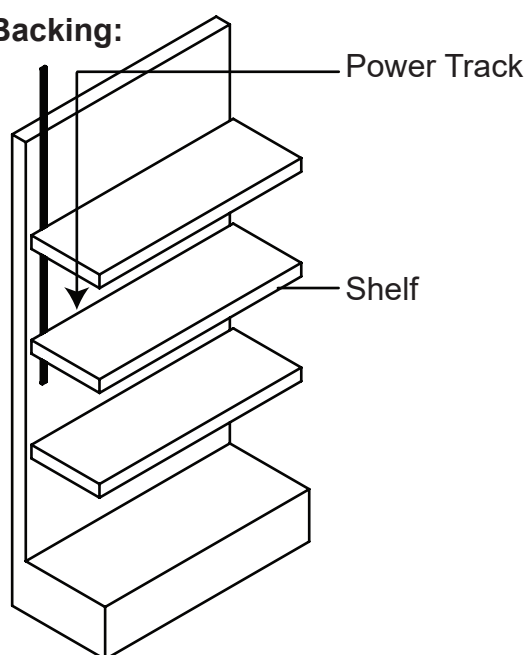
Based on the height of the gondola, identify what lengths of Power Tracks are required.



Step 2 - Attach Power Track(s)

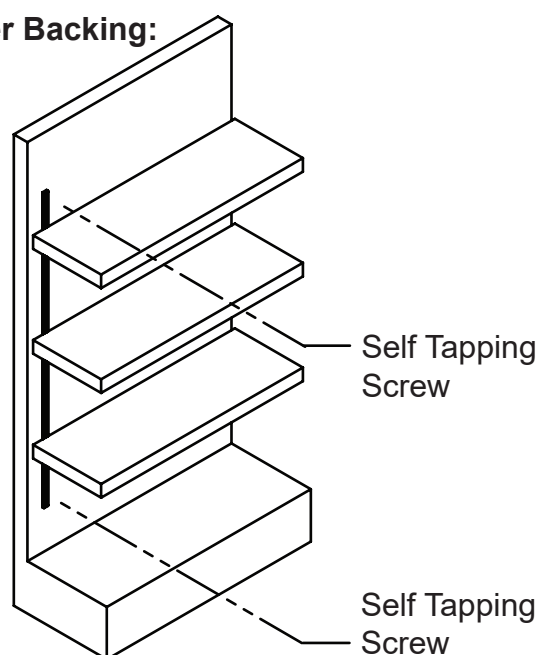
Assemble the Power Track(s) to the back wall of the gondola. Starting from the top, slide the Power Track down behind the existing shelves.

Metal Backing:



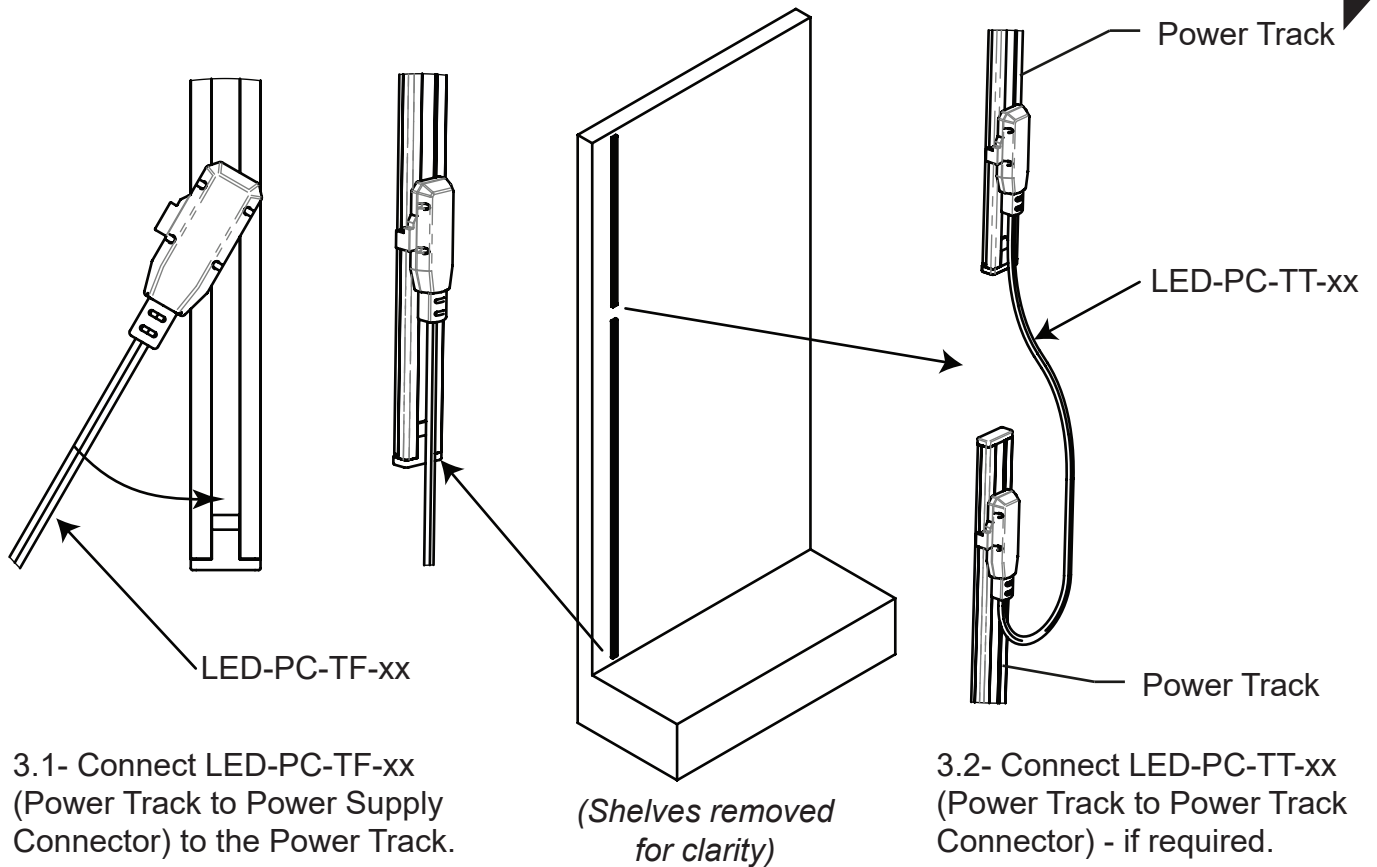
2.1- For gondolas with a sheetmetal backing, use the magnetic tape to stick the Power Track on.

Timber Backing:



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

Step 3 - Attach Connectors

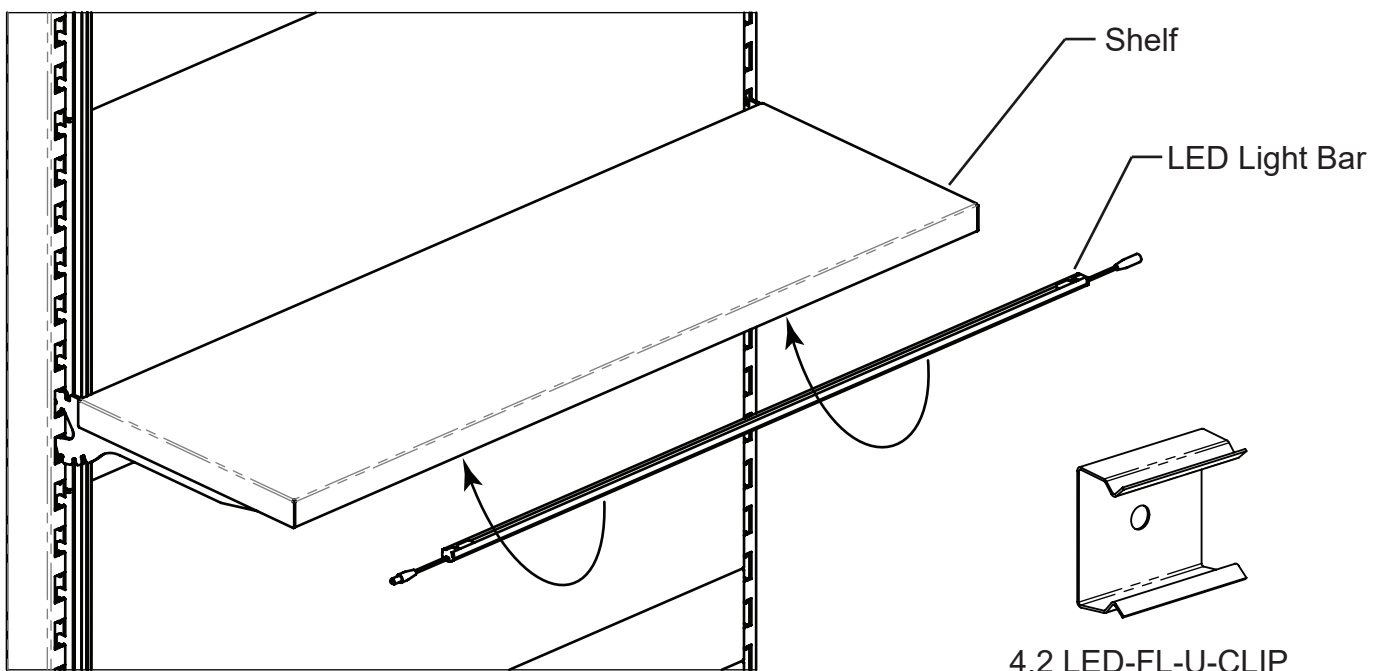


Step 4 - Attach LED Light Bars

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.

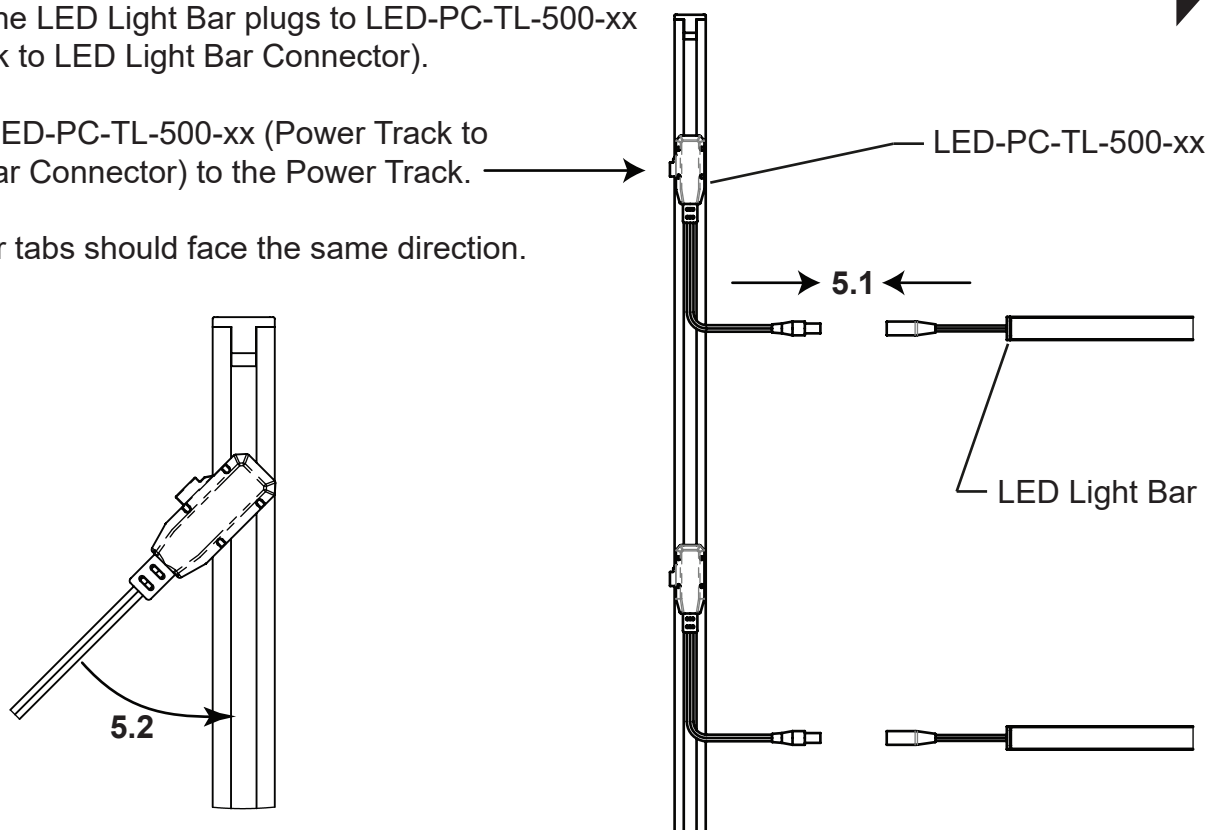


Step 5 - Assemble the LED Light Bar Connectors

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

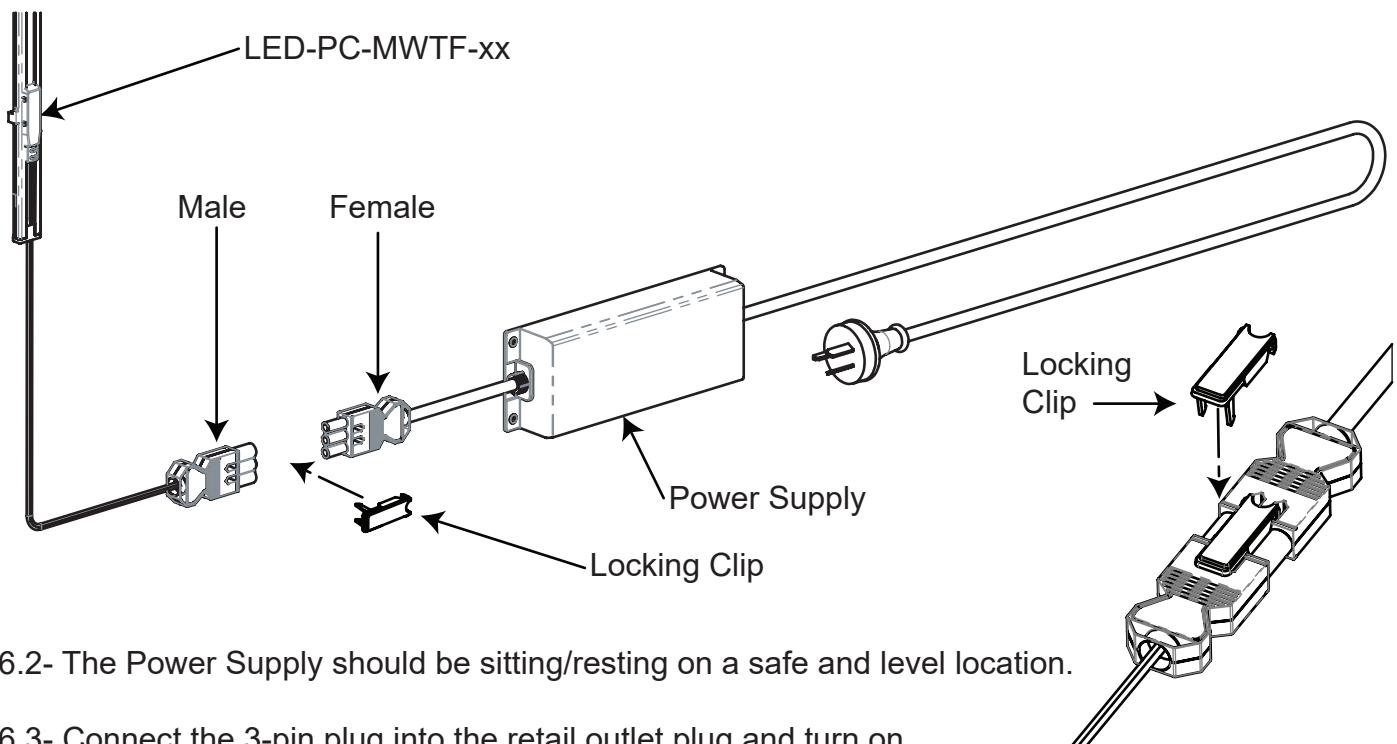
5.2- Attach LED-PC-TL-500-xx (Power Track to LED Light Bar Connector) to the Power Track.

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.

EZI-LED™

SHELF LIGHTING

Installation Checklist

Tick when completed

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) ☐

		LED Light Bars			
		MeanWell Model:	550mm (6W)	850mm (9W)	1150mm (12W)
Power Supply	24V-100W	ELG-100-24	16	11	8
	24V-150W	ELG-150-24	25	16	14
	24V-200W	ELG-200-24	32	22	16

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 ☐

Installation Sign-off

Installation Contractor Name:

Signature:

Date:

Electrician Name:

Signature:

Date:

Electrician Licence No.:

Store Name:

Location:

Store Manager/Representative Name:

Signature:

Date: