

## SKYLINE MIRAGE – INSTALLATION

Skyline Mirage is a **24V DC low-voltage recessed profile** with a curved reflector, housing a low-voltage LED ribbon that sits inside the aluminium extrusion.

It is installed **recessed into plasterboard ceilings or walls**, similar to the Skyline Horizon.



Pre-

### Installation Requirements

#### Materials & Components

- Skyline Mirage extrusion
- Low-voltage LED ribbon
- Remote 24V driver (Non-Dim, Phase, Touch or DALI dimming supported)
- X2 mounting extrusion
- L-bead (plastering bead)
- Plasterboard sheets

#### Electrical Notes

- Fitting is wired in parallel
- LED ribbon is 24V DC - ensure driver location allows access for maintenance.
- [Cable Calculator - Tovo Lighting](#)

### Step 1 – Mount Extrusion to frame

- Fix the Mirage extrusion (or the supplied X2 extrusion if used as a back-mount) to timber or steel ceiling framing.
- Run the low-voltage cable through the extrusion end cap area.
- Ensure remote driver is installed in an accessible location.

### Step 2 – Install plasterboard

- Mount plasterboard to the framing.
- Leave a **5 mm shadow gap** around the Mirage extrusion. This gap allows finishing and ensures clean integration with the ceiling/wall.

### Step 3 – Insert L Bead for finishing

- Install an L-bead along the 5 mm gap.
- Push the bead tight so it sits flush against the Mirage extrusion.
- This creates a crisp plaster edge and prevents cracking.

### Step 4 – Plaster and Finish

- Use tape or covering to protect the powder-coated surface of the Mirage.
- Plaster flush up to the L-bead.
- Sand and finish the surface until smooth.
- Ensure the internal cavity remains clean for the LED ribbon.

### Step 5 – Electrical Connection

- Install the LED Ribbon into the X2 Extrusion.
- The X2 is supplied with magnets incorporated. Mount the X2 extrusion with plates into the back of the Mirage profile.
- Connect LED ribbon leads to suitable low voltage cable running to the 24V DC driver.
- Confirm parallel wiring for multiple lengths.
- Test and verify uniform illumination.

