



HTL INDUSTRIAL TRAFFIC LIGHTS

Model: 100mm (High Flux)

Installation Guide



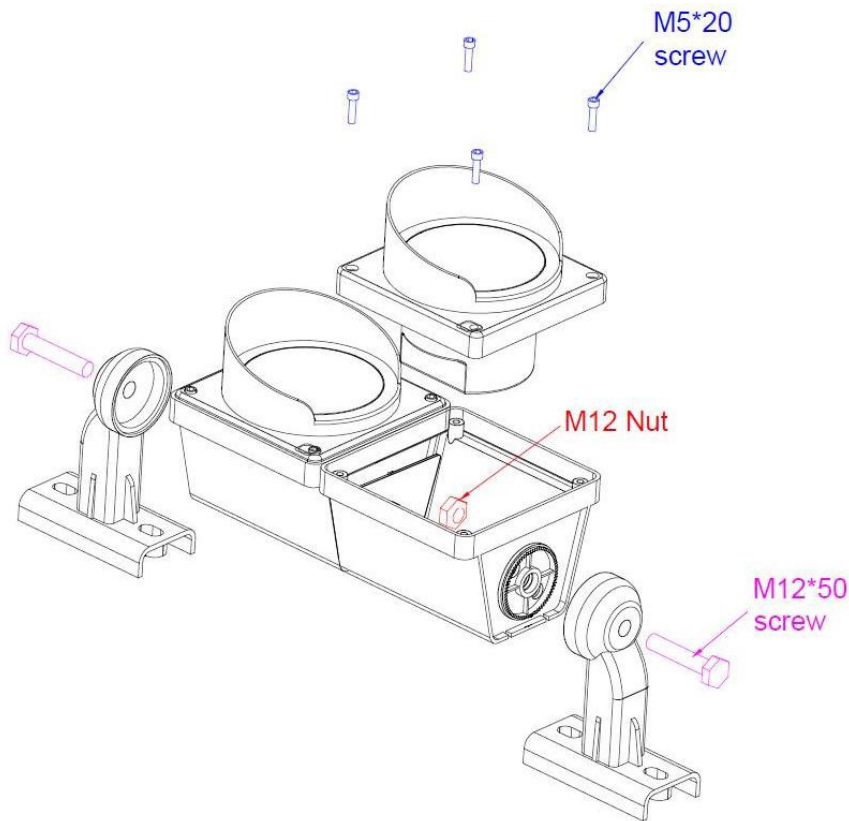
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Introduction

Harding Traffic’s industrial traffic lights are the ideal solution for off-street environments. They provide an economical alternative to highway-approved traffic lights without compromising on quality or performance. These lights are perfect for a range of commercial applications, such as warehouses, factories, private roads, and parking facilities.

C-Bracket Installation instructions

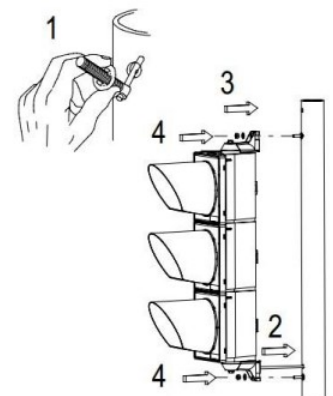


Step 1: Preparation:

1. Ensure all components, including the C bracket, traffic signal modules (Red, Amber, Green), and mounting tools, are accounted for.
2. Confirm that the installation site is stable, safe, and pre-wired for the appropriate voltage (12–24V DC or 110–220V AC).

Step 2: Installing the Light:

1. Attach the light (Red, Amber, Green) to the corresponding slots or holes on the C bracket.
2. Align the modules to ensure they face oncoming traffic at the proper viewing angle.
3. Secure the traffic signal to the C bracket using M12 nuts and bolts.
4. Thread the signal's electrical cable through the entry point in the bracket or pole.

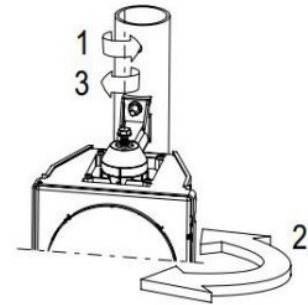


Step 3: Mounting the Bracket:

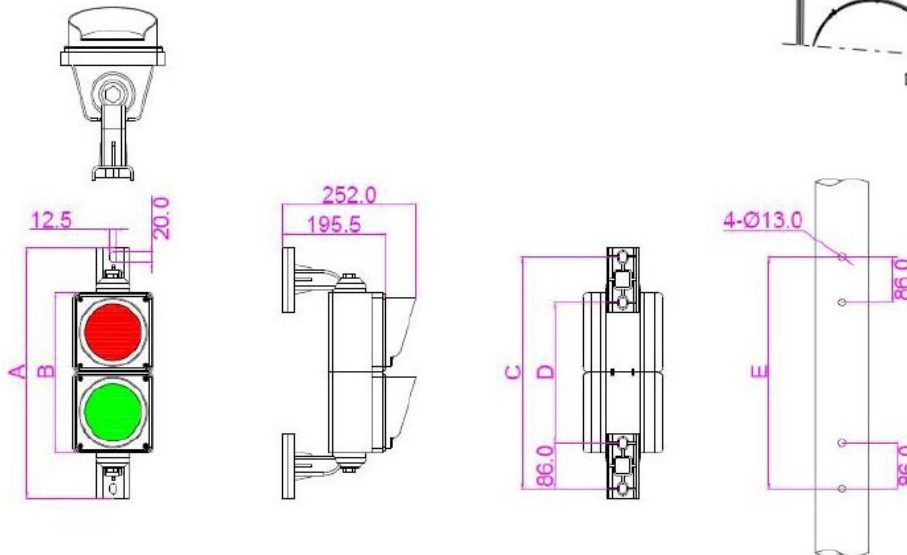
1. Position the C bracket on the pole or mounting surface, ensuring it aligns correctly with the desired traffic light orientation.
2. Secure the bracket using the bolts or clamps, tightening firmly to prevent movement but avoiding over-tightening to prevent damage.

Step 4: Light direction adjustment:

- Loosen the mounting nuts at the top and bottom of the bracket to adjust the light's direction.
- Align the signal to face the desired traffic lane.
- Tighten the nuts securely to hold the alignment.
- Double-check the aiming direction for accuracy.



Step 5: Light Dimensions:

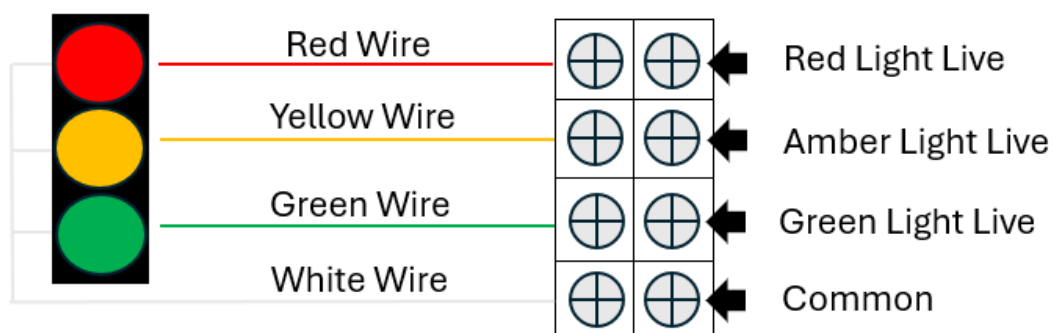


100mm Traffic Light – C-Bracket

DRAWING LOCATION	1 LIGHT ASPECT	2 LIGHT ASPECT	3 LIGHT ASPECT
A	319mm	469mm	619mm
B	150mm	300mm	450mm
C	285mm	435mm	585mm
D	113mm	263mm	413mm
E	285mm	435mm	585mm

Step 6: Electrical Connection:

1. Connect the signal module wiring to the pre-installed electrical system, matching the color-coded wires to their respective terminals (Red, Amber, Green).
2. Ensure connections are insulated and protected from moisture or weather exposure



Troubleshooting



Traffic Light Does Not Turn On

- **Check Power Supply:** Verify the operating voltage on the signal label matches the power supply.
- **Inspect Wiring:** Double-check all wire connections for proper placement (live, common)
- **Test Connections:** Ensure all connections are secure and there are no loose cables.
- **Test Components:** If you have a multimeter, check for continuity across the cables and terminals to ensure proper electrical flow.

Traffic Lights Flickering

- **Unstable power supply or voltage drop.** Ensure the power supply is stable and within the required range (100–277V AC or 12–24V DC).
- **Loose wiring connections.** Tighten all electrical connections to eliminate loose contacts.
- **Signal module damaged by environmental factors:** Inspect for water damage or debris inside the module; clean or replace as needed.

If the issue persists after following these steps, please contact Harding Traffic for further assistance at 0800 427 346.