# Ionic 1600 Wall / Ceiling™ Collections Data and Installation Sheet

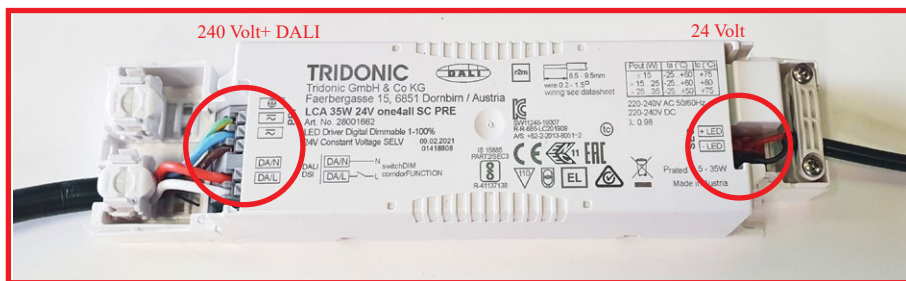| | |
|---|---|
| **Materials** | Aluminium, opal Acrylic, wallnut timber |
| **Dimensions** | L 1600mm x W 150mm x D 60mm - Wood Disk (150mm) |
| **Fixings** | Standard wall canopy supplied. Fixing techniques may vary depending on wall surface and material. 5 mm |
| **Lamp Type** | 24v DC LED Flexistrip with Tridonic 24v DC  Non Dimmable or Dimmable on (DALI, DSI, SwitchDim) Driver. (Supplied with fitting.) |
| **Weights** | 2.3kg |



Indicative image only

## Installation

1   Be careful when handling the wall light as powdercoat surfaces and timber surfaces can be marked easily. Before removing fitting from packaging please remove any other straps. Leave protective plastic cover on fitting while preparing for installation. **DO NOT stack the wall lights once they are unpacked from their boxes, as the weight of the stack will damage and mark the fitting**

2   Remote mount driver into wall cavity behind bottom puck. Connect 240 V into driver first.  If using a dimming system ensure that 5 core cable is used and connect dimming control lines, as shown below. Ensure driver has been approved and installed by a certified electrical contractor. Follow installation guide.

3   The LED is polar sensative, so make sure the + and - cables from the timber back plate to driver and fix in place in the correct position. Test fitting illuminates prior to fixing to wall. Attach timber back plate and illuminated section to wall with appropriate screw mountings. Now mount the top puck back plate to the wall with same mechanical fixings  - Set down 200mm from top of light bar (see Diagram)

4   Once the timber back plate is in place and secured,  place the Ionic timber front plate by aligning the timber dowles and pushing  until the front and back plate touch.

5   Do not apply excessive force to fitting or fixtures and remember to remove protective plastic cover prior to turning on.

6   If the fitting is required to be dimmable, please ensure that the driver is connected to either a DALI or Switchdim control unit.
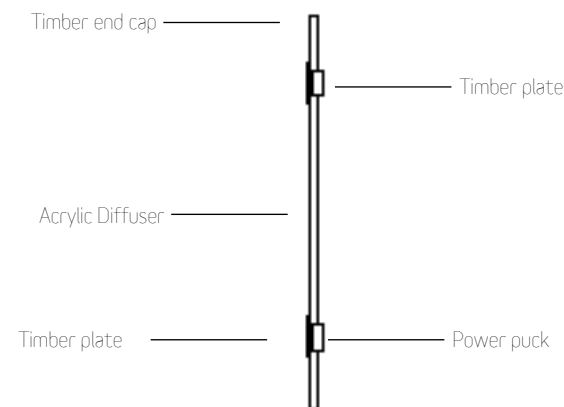
*Please turn to next page for reference diagrams and maintenance instructions.*



Non dimmable Remount mounted 24Volt
Constant Voltage driver.
LED is polar sensative ensure fitting is
working correctly prior to installing.



DALI dimmable Remount mounted 24Volt
Constant Voltage driver.
LED is polar sensative ensure fitting is
working correctly prior to installing.

Timber end cap

Timber plate

Acrylic Diffuser

Timber plate

Power puck



Please contact Satelight if you have any questions regarding the steps included in this data sheet.
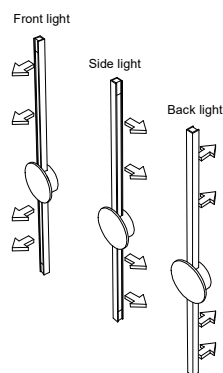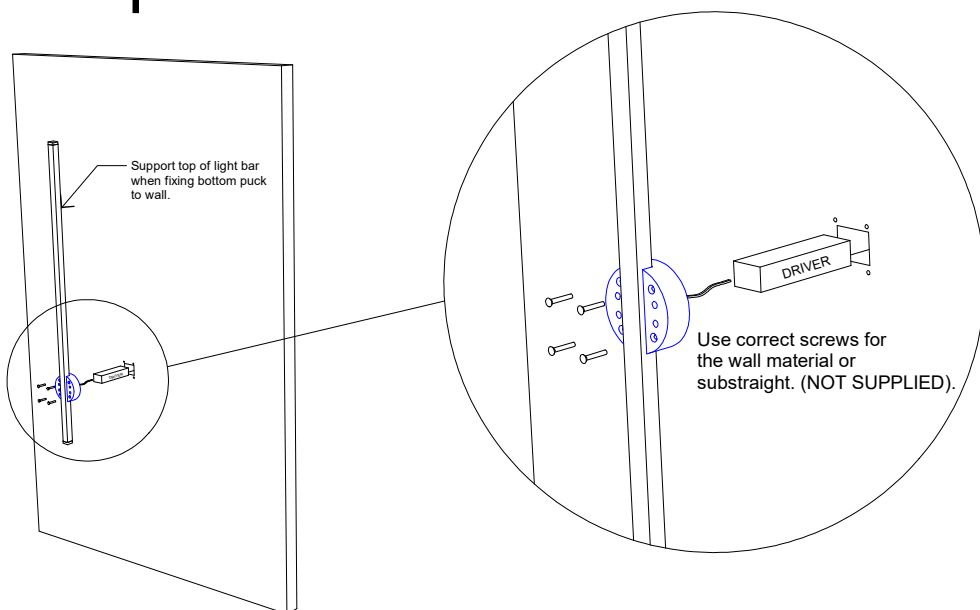
**Cleaning**  • Do not use abrasive cleaning materials on fixture. Do not wipe fitting surfaces with wet cloth. Dust only.

• Please be aware that the shade materials are delicate and can scuff or mark easily.

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# Ionic Wall 1600 - Installation Guide

## Step 1

Support top of light bar when fixing bottom puck to wall.

DRIVER

Use correct screws for the wall material or substraight. (NOT SUPPLIED).
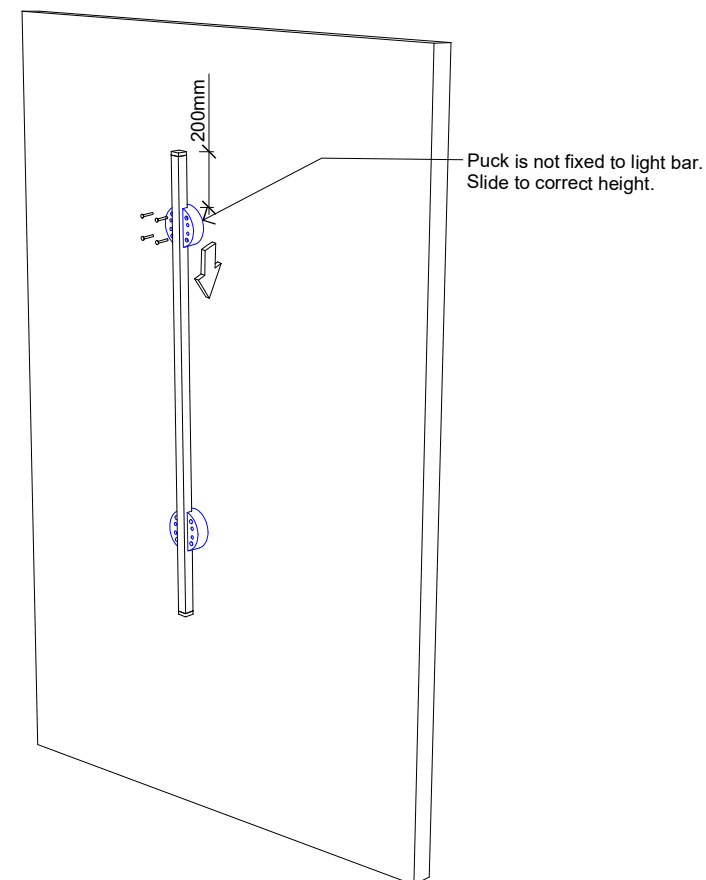
Front light

Side light

Back light

Check that the fitting supplied matches the lighting schedule and that the direction of light is correct ie Front, Side or Back facing

Create a 50 x 40mm cutout for the 35W Driver in the wall/ceiling. The cutout for the driver needs to remain within the screw hole dimensions. The power puck is to be mounted on the bottom of the fitting. Use template guide provided. Align template to vertical and then align fitting to the required angle.

Connect driver to 240 V mains power coming from wall or ceiling Then connect Driver 24V end to light fixture.  Secure driver in wall or ceiling cavity away from insulation.  Test the fixture to ensure all is working.  Do not put physical strain on electrical leads.

## Step 2

200mm

Puck is not fixed to light bar. Slide to correct height.

Once back plate power puck is firmly secured to the wall with appropriate mechanical fixings for the substraight, then from the top carefully slide down top puck along the light bar close to the wall.  Careful not to damage ther wall or light bar. The top puck is not fixed to the light bar and can be placed anywhere along the light bar as long as there a minimum of 400mm C to C between the power puck and the top puck.  For even spaceing set puck down 200mm from top of light bar to top of puck backplate.
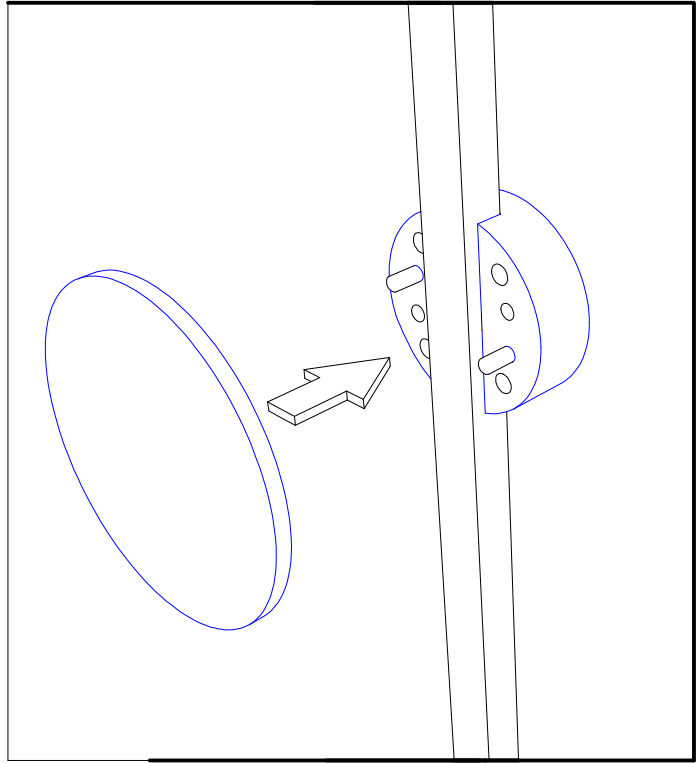
Align holes on back of front plate with the two timber dowels on the back plate and evenly push front plate on until it touches the back plate
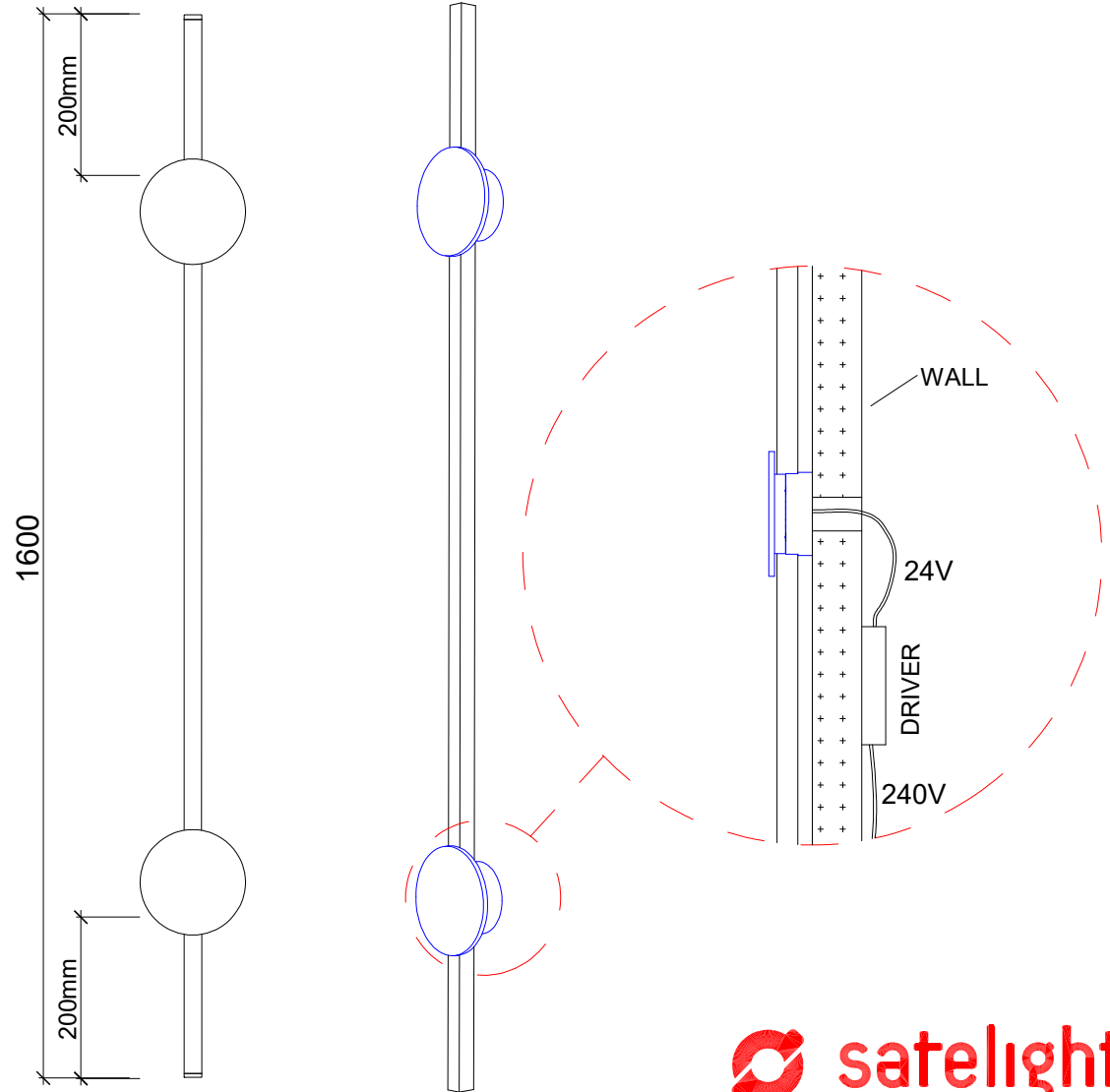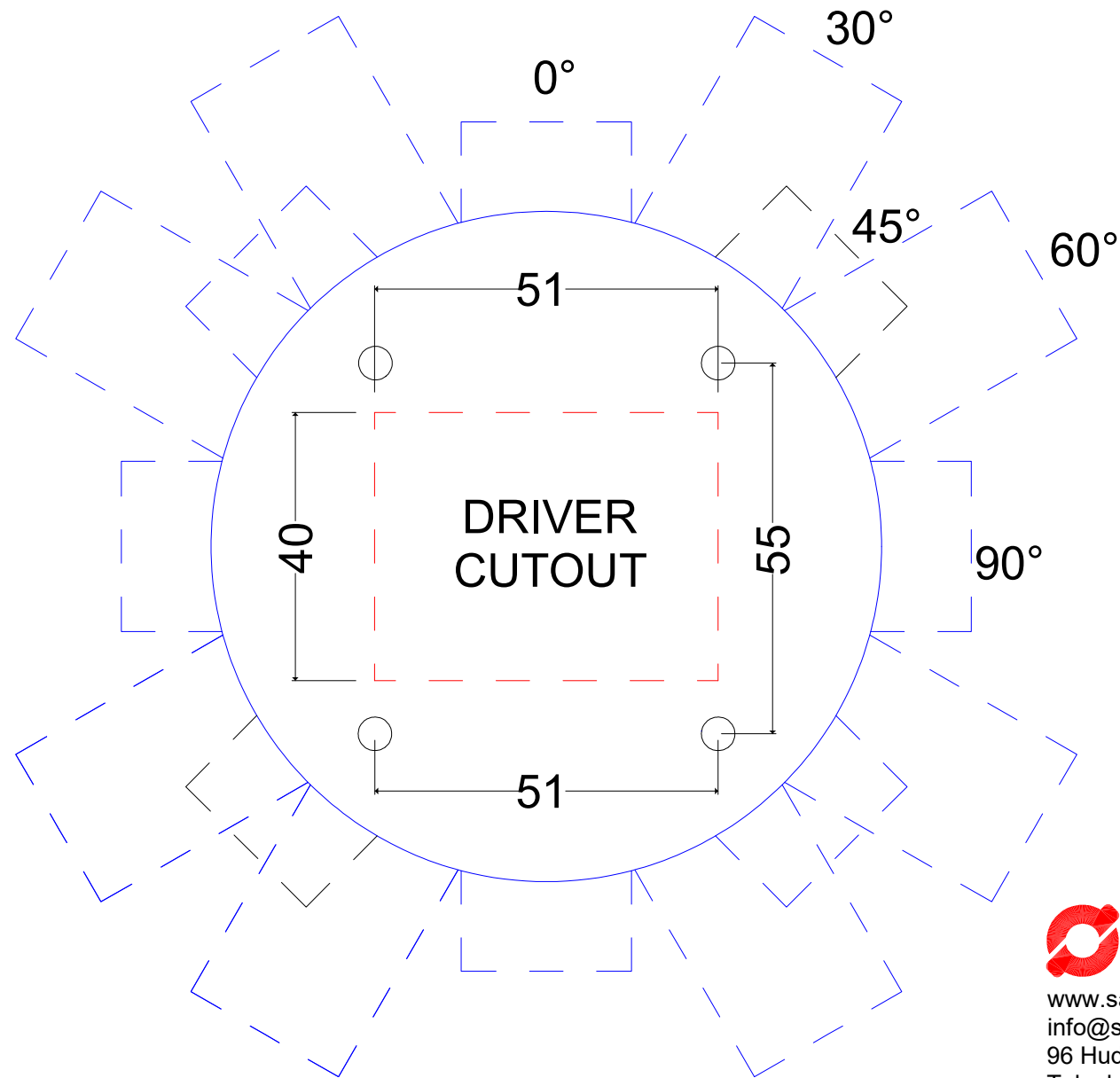
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## Step 3



Once back plates are firmly secured to the wall with appropriate mechanical fixings for the substraight, Align holes on back of front plate with the two timber dowels on the back plate and evenly push front plate on until it touches the back plate

## Finish Install



200mm

1600

200mm

WALL

24V

DRIVER

240V

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# Ionic Wall 1600 - Installation Guide

0°

30°

45°

60°

90°

51

40

DRIVER
CUTOUT

55

51

## A4 1:1 Scale