

# WARNING: DO NOT USE NORMAL LOW VOLTAGE TRANSFORMERS WITH LEDs.

All LED fittings are tested before dispatch. It is not necessary to check them on site. Do not power up until fittings are wired correctly.

## INSTRUCTION LEAFLET

# LD38S & LD38C RGB+W with /AWB-300



This product should be installed by a qualified electrician in accordance with all current, local legislation. For the UK, the current edition of the IEE Wiring Regulations and European Standard IEC 60364.

### SPECIFICATION

LED Linear luminaires are class III  for Safety Extra Low Voltage supply  350mA or 500mA constant current supply.

Suitable for mounting on normally flammable surfaces. 

This fitting is IP67. See product specification for clarification.

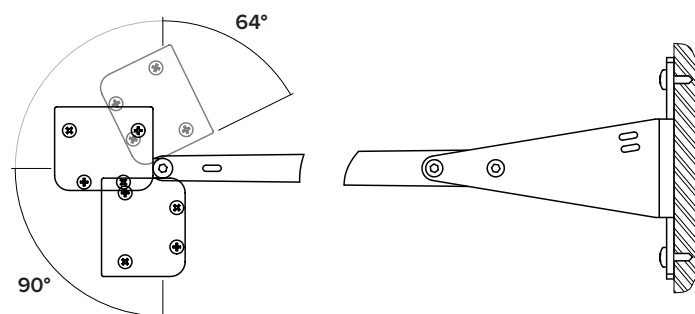
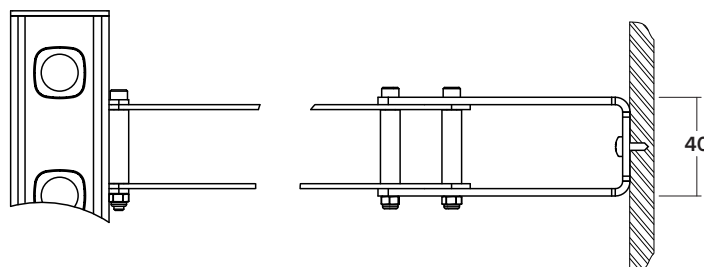
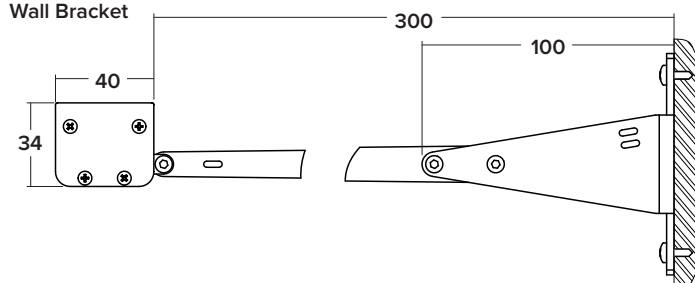
Lumen Maintenance: 50,000 hours L70 at Max Ambient of 45°C.

| LD38S / LD38C RGB+W is available in various power output options |                                       |
|--|---------------------------------------|
| Product & LED output code  | Power Output                          |
| LD38S / LD38C RGB+W - 350  | 350mA 3.6W (RGB - 3 x 1.2W per LED)   |
|  | 350mA 1.2W (White - 1 x 1.2W per LED) |
| LD38S / LD38C RGB+W - 500  | 500mA 5.1W (RGB - 3 x 1.7W per LED)   |
|  | 500mA 1.7W (White - 1 x 1.7W per LED) |

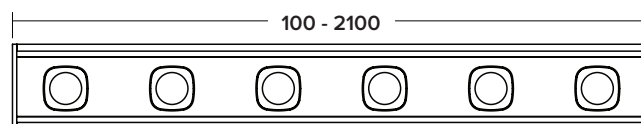
### DIMENSIONS

#### /AWB38-300

Wall Bracket

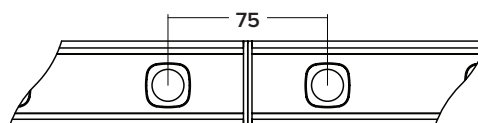


#### Minimum and Maximum Lengths



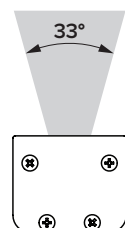
#### Product Spacing

To maintain LED between lengths, butt fittings together end-to-end as show below.



#### /MB

Medium Beam



### WARNING

Do not power up LED or driver until all work is completed.  
See 'important' section on next page.

INSTALLATION INSTRUCTIONS  
& WIRING INFORMATION  
ON NEXT PAGE

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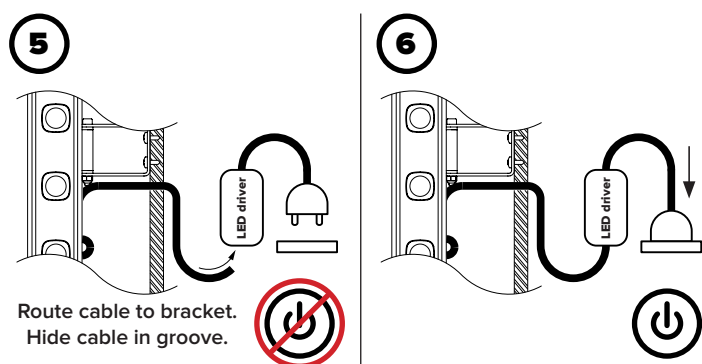
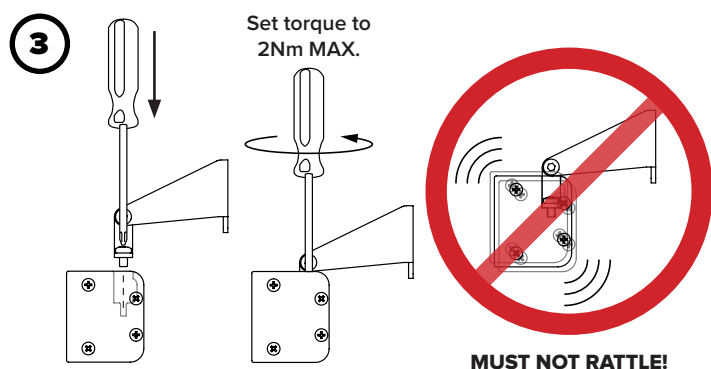
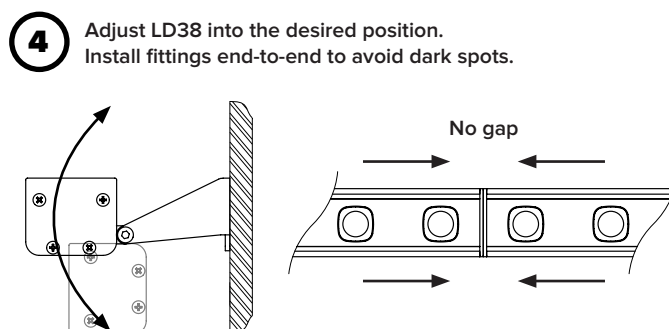
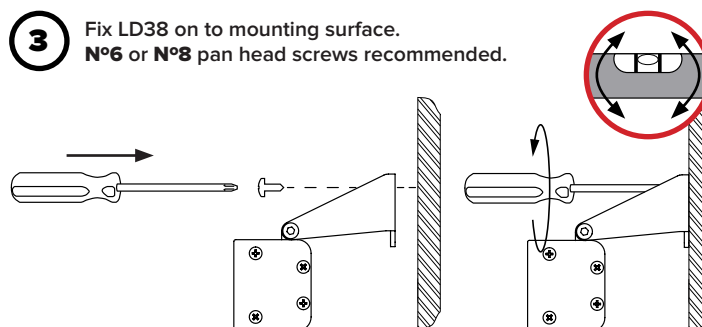
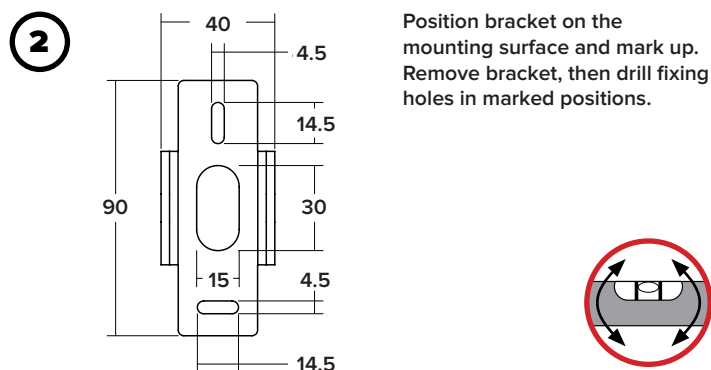
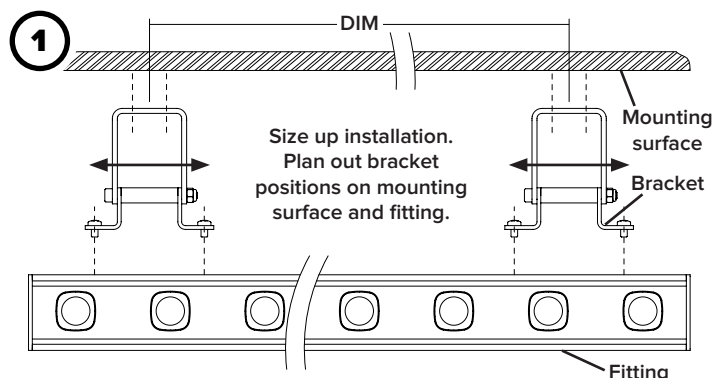
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## WIRING

Do not power up until fitting is wired correctly! Constant current LEDs must be wired in series, polarity is critical! Please refer to specified driver sheet for details on the minimum and maximum number of LEDs per circuit.

| RGB & RGBW LEDs |                 |       |                   |        |                  |       |                   |        |
|-----------------|-----------------|-------|-------------------|--------|------------------|-------|-------------------|--------|
| LED Colour      | Red (Circuit 1) |       | Green (Circuit 2) |        | Blue (Circuit 3) |       | White (Circuit 4) |        |
| Colour of Cable | Red             | Black | Green             | Yellow | Blue             | White | Brown             | Purple |
| Polarity        | +               | -     | +                 | -      | +                | -     | +                 | -      |

**SEE CONSTANT CURRENT WIRING SHEET FOR IN SERIES WIRING DIAGRAM**

## IMPORTANT

Make sure that all cables and connections are securely connected before switching on the power. Do not switch on the power source prior to making these connections as this will result in the LEDs being overvoltage, which can lead to failure of the LEDs and/or the driver. If the LEDs do not work upon power up, turn off the power source immediately and check the polarity of the wiring.

## MAINTENANCE

**CABLE:** The external flexible cable of this luminaire can not be replaced; if the cord is damaged, the luminaire shall be destroyed.  
**LAMPS:** The light source in this luminaire is non-replaceable, when the light source reaches its end of life the whole luminaire shall be replaced. Clean with soft cloth and avoid harsh cleaning chemicals. This leaflet should be issued and retained by the end user.