

HALERS H6

INSTRUCTIONS



THIS UNIT SHOULD BE INSTALLED BY A QUALIFIED ELECTRICIAN OR SUITABLY QUALIFIED PERSON IN ACCORDANCE WITH THE APPROPRIATE WIRING REGULATIONS.

Installation Sequence

1. Cut hole in ceiling. Hole dia: 160mm - 170mm
2. Disconnect mains supply
3. This unit is preset for 700mA LED operation. See overleaf if 350mA or 500mA operation is required.
4. For 1-10v dimming, connect red and black wires to 1-10v dimming controller.
5. If required, use synchronisation leads (sold separately) to connect up to 9. HALERS H6 units to the lead HALERS H6 (see step 4 overleaf).
6. Using supplied male/female connectors, wire product to mains supply. (see diagram) Weight of product should be supported when making connections.
7. **Straighten driver bracket as shown.** This must be done to assist heat dissipation from the LED unit.
8. Insert unit through hole and fit into ceiling.
9. Re-connect mains supply.

Product Features

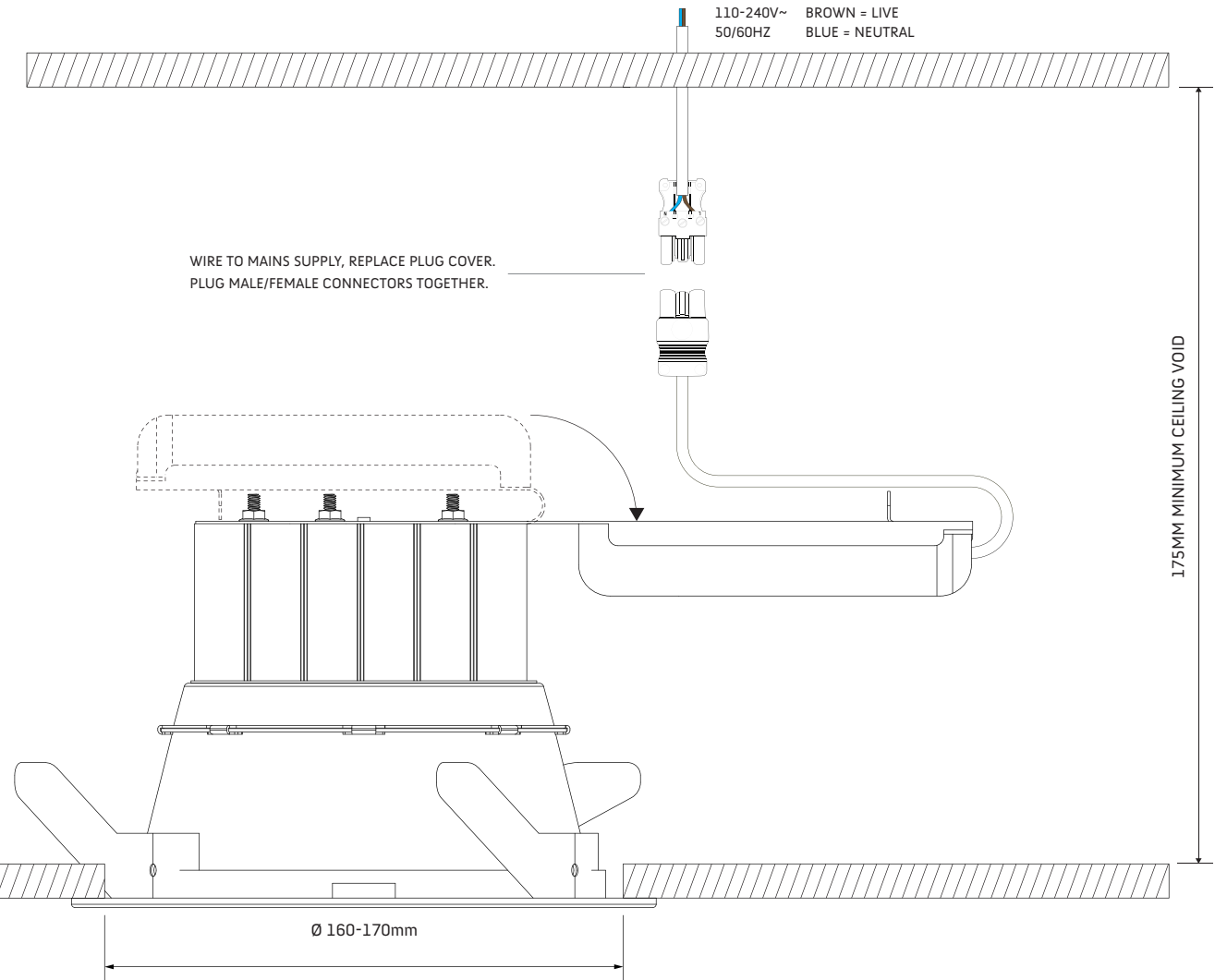
- SELV (Safety Extra Low Voltage).
- IP20.
- Double insulated LED driver, no earth required.
- Fits ceiling thickness: 7mm - 25mm max.
- Ceiling void must be minimum of 175mm Height
- Integrated LED driver for straight to mains wiring.
- Input power: 35/26/18w.
- 110-240v AC, 50/60Hz input for LED driver.
- LIVE - Brown wire. NEUTRAL - Blue wire.
- Tight colour binning to give consistent colour.
- Clean gently with a lint free cloth when required.

Product Options

- 350mA = 1100 lumens
- 500mA = 1500 lumens
- 700mA = 1950 lumens



Do not mount this product under insulation



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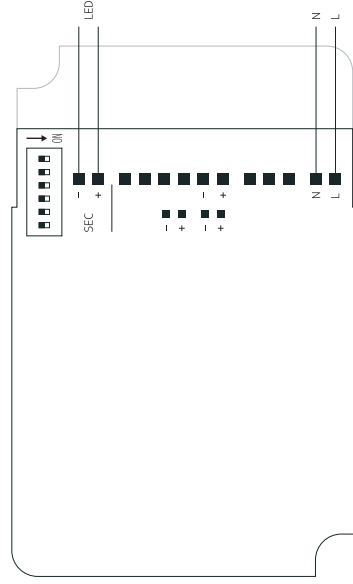
This unit has been pre-set at 700mA output. See chart below for alternative outputs and dipswitch settings
 Dipswitches are located under screw cover

Dipswitch No.	6	5	4	3	2	1
350mA (1100 lm)	-	-	X	X	X	X
500mA (1500 lm)	ON	-	X	X	X	X
700mA (1950 lm)	ON	ON	X	X	X	X

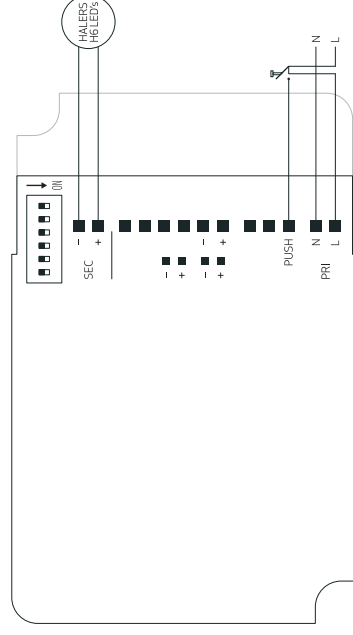
X = NOT ADJUSTABLE

WIRING DIAGRAMS

1. No Dimming

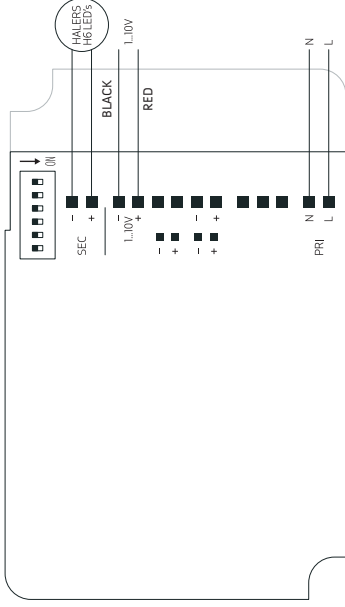


2. Dimming with push to make switch Max cable length: 15m from push switch to driver. Synchronise up to 10 drives (1 push switch master + 9 slaves) by using synchronisation leads



3. Dimming with 1 - 10v system (driver draws 1mA from a signal system) Red wire +, Black wire - Max cable length: 10m from dimmer to driver.

Synchronise 10 drivers (1 x 1-10v master, 9 slaves) with each driver (master) that is connected to the 1 - 10v system by using synchronisation leads.



4. Synchronise dimming with synchronisation lead. Correct polarity must be maintained when connecting synchronisation leads to drivers. (ie. + to +, - to -)

