# LUXR The Modux 2 & 4 Integral Driver

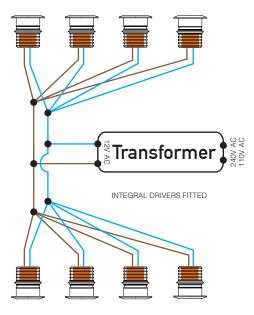


The Modux 2 and Modux 4 integral driver has been specifically designed to to eliminate the troublesome components which lead to premature driver failure in most other designs.

### SPECIFICATIONS

Output	350mA , 700mA , 1100mA constant current versions	
Input	12V AC	
Cable	H05RN - F or SJOOW 1m included	
Ingress Protection Rating	IP68	
Compatibility	Modux 2 or 4 products	
Power Factor	0.98	
Driver Efficiancy	70-90% depending on configuration	
Warranty	Electronics Warranty 5 years	





#### INSTALLATION INSTRUCTIONS

Integral Driver will come pre-installed in your product if specified at the time of order.

Connect multiple integral drivers to a wire wound, or preferably toroidal 12V AC transformer for best results.

Connect in Parallel.

Polarity is not important.

Used a phase cutting dimmer to dim the transformer.

Be aware that transformers are designed to be loaded 50%-75% of their rated maximum loading.

Individual results will vary depending on the quality of the 12V AC being generated, dimmer type, and number of luminaires used. A toroidal transformer always provides the best results.

The total luminaire power consumption at 12VAC input will be as follows:

Modux 2	350mA	1.4W total
Modux 2	700mA	3.5W total
Modux 2	1100mA	5.6W total
Modux 4 Modux 4 Modux 4	350mA 700mA 1100mA	2.2W total 5.2W total not applicable

VARIFYING THE CURRENT SETTING OF YOUR INTEGRAL DRIVER







Looking at the driver's top surface, you can see the head of the jumper at the base of the cable. Its orientation will show you which current setting you have.

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#### **REPLACEMENT PROCEDURE**

To remove or replace the driver unit, the following procedure must be followed:

- Firstly the light engine must be removed. To do this Remove the flange from the top of the fitting paying special attention to the order and orientation of the components housed within. Lay these out methodically for ease of reassembly.
- Using a 1.5mm allen key, remove the M2 cap screws holding the light engine in place.
- Now the driver section can be accessed. To do this use a 2mm pin spanner (such as Park Tool™ SPA-2 available from bicycle shops).



Unscrew the retaining plug counter-clockwise.

- Gently pull on the power cord and the driver capsule will be released from it's o-ring housing. The light engine will now be free also.
- Re-assembly is the reverse of the procedure just described.
  Very lightly grease the orings on re-assembly.

\*\*Note - the light engine is delicate, and care must be taken not to stress, bend, or flex any of its components.

