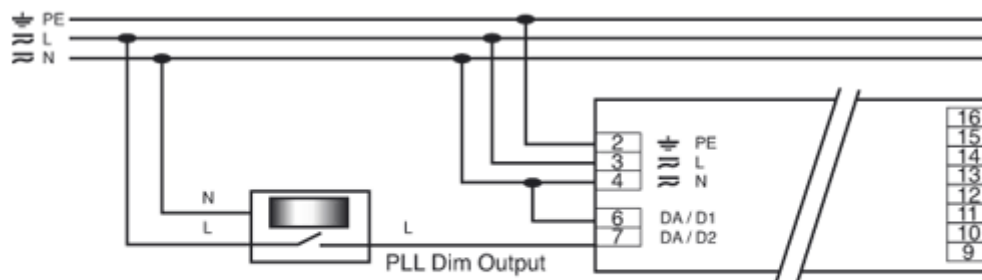


# Waters Lighting | WLM Dimming Switch for Fluorescent Lamps



Wiring diagram to connect Switch Dim device to Tridonic PLL electronic Ballast, fitted with 230V switch dim input.

In operation, the Dimming Switch will sense the photocell switching at dusk and dawn. It will remember the length of night over sequential dusk/dawn switchings and use this data to perform a part night dimming routine (for example; Dusk on, 22.00hrs dim to any desired level to 05.30 then revert back to full output & finally at Dawn switch off). Also automatic B.S.T. TO G.M.T. changeover function built in.

## Technical Specification for the WL Fluorescent Dimming Switch

Switch Type	Electromechanical Relay with Zero Crossing switching
Voltage	240V +/-10%
Load Handling	10 Amps Max or 60uF
Dimming Times	Default setting: Midnight to 05:30 G.M.T. or to Customers specification, quantity dependant.. P.I.R. over-ride Option whilst in dimming mode Available to order.
Circuit Power Consumption	Less than 0.20W Switched On. No Power Consumption when Off.
Operating Temperature (Ta)	-20 o C to +94 o C
Power Loss During Load Handling	Negligible
Enclosure Material	ABS
IP Rating	IP65
EMC	To EN50082-1 & EN55014
Dimensions	L 86mm x W 49mm x H26mm

### Notes:

- The Dimming Switch will not interfere with lamp testing routines as it will ignore switching cycles of less than 30 minutes.
- The Dimming Switch will always default to the highest switched level of the ballast