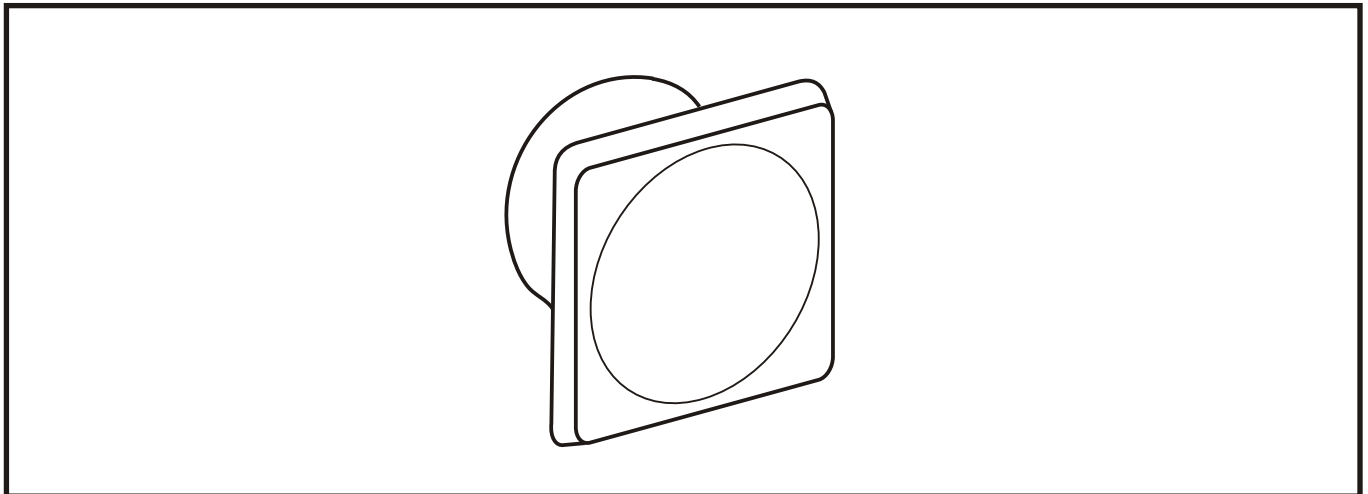


Installation Instructions



These instructions apply to the SET-ALD5 sensor. Setsquare recommend all installations are carried out by a suitably qualified electrician and that these instructions are followed. Failure to do so may lead to damage to either the circuits or installer.

UNIT DESCRIPTION

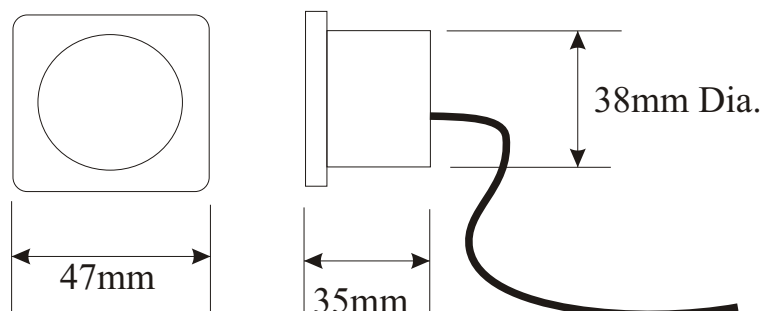
The SET-ALD5 light level sensor provides a means of measuring light level it convert this into a dc voltage which is proportional to the light level. That is for no light the output is at 0Volts for 300 Lux light the output is 10volts. The output from the sensor is via twin screened cable and designed to be used with the Setsquare range of modular controllers.

INSTALLATION

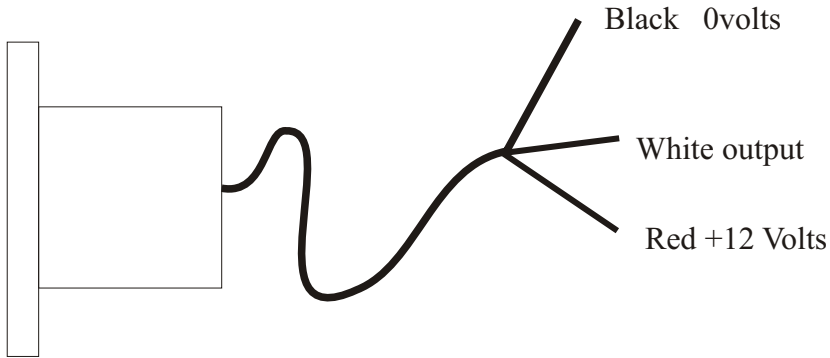
The sensor should be mounted on a rigid surface where it has a clear and uninterrupted view of the light level it is required to measure. The unit is intended to be mounted indoors on a ceiling. Generally it should not be mounted close to the windows as this may result in the luminaires further from the windows to be dimmed to too low a light level.

Connections to the sensor must be made using an screened twisted pair cable. Its power supply is expected to come from the equipment to which it is attached. If used with equipment other than a Setsquare product ensure that the supply does not exceed 12Volts.

When setting up light levels this should not be attempted when the ambient light levels are close to the level it is required to control. It is best if the light levels with the luminaires off is below a quarter of the required light level, the lower this level is the better the light level control will be.



Sensor Connections



Specification:-

Supply voltage	:-	12V d.c. \pm 0.5Volt
Output	:-	0 Volt @ 0 Lux
	:-	10 Volt @ 300 Lux
Output Load	:-	4k7 Ohms Minimum.
Order Code	:-	SET-ALD5



The SET-ALD5 is one of a range of energy conservation products available from Setsquare.

This apparatus may be affected by high powered RF interference and should not be installed near pager aerials or inductive loop equipment. It will recover when the RF ceases.



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