

INSTALLATION INSTRUCTIONS

PLUG & PLAY INTELLIGENT PHOTOCELL (PCI) Product Codes: **PLUG/PCI**

Safety Warning



- The installation should be carried out by a qualified electrician in compliance with the current edition of the IEE Wiring Regulations.
- Prior to installation, carry out the necessary risk assessment considering the people who could be at risk, the level of risk and the precautions required to control the risk
- Ensure that the circuit supply is isolated either by the circuit supply fuse being removed or the applicable

- circuit breaker being turned off before installation or any maintenance.
- Check the total load on the circuit ensuring the luminaire does not exceed the rating of the circuit cable, fuse or circuit breaker.
- Long-term use and voltage fluctuations can reduce the life span of the fitting.
- If the fitting incorporates control gear, ensure careful sizing to avoid instances of nuisance tripping of the protective device used in the installation.

- Follow the provided installation instructions, using the fixings supplied or recommended.
- Keep out of reach of children.



Specification

Box Contents - 1 x Photocell

Dimensions:	L: 61.9 x W: 41.8 x H: 28.8 mm- With Cradle L: 55.5 x W: 36 x H: 24 mm- With out Cradle
Material:	Polycarbonate
Working Temperature:	-25°C - 60°C
Technical info:	Maximum switching load 400W LED

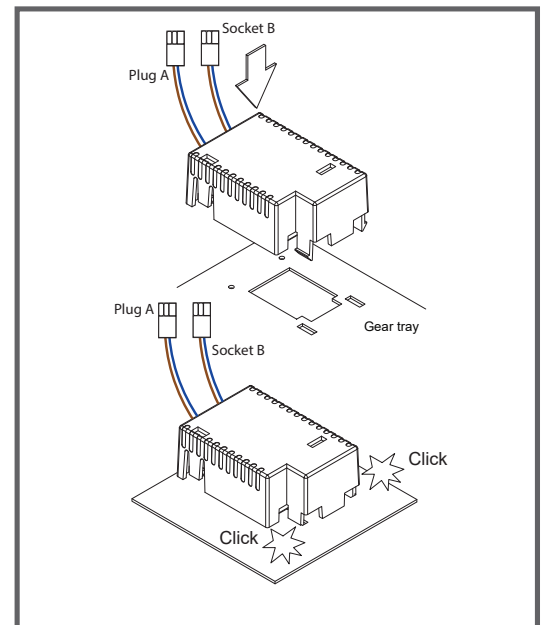
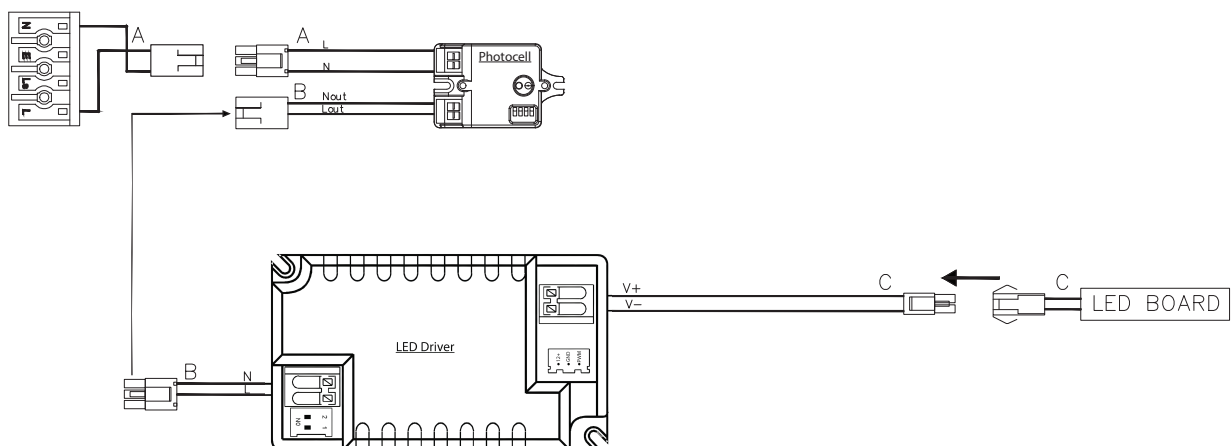


Figure A:



Installation Instructions

Note: Ensure all Electricity supply is switched off completely before installing or servicing this product.

Wiring

- 1. Ensure the luminaire is fully compatible with this kit before undertaking the conversion, If in doubt contact Red Arrow Technical team
- 2. Locate the mounting position for the photocell which will be identified in the product instructions. The sensor can be located both upward and downward facing depending on the product design.
- 3. When installed ensure the photocell is securely engaged and secured into its intended position. When using the photocell not requiring the cradle, remove cradle and install using screws provided to the base of the luminaire.
- 4. Reconnect all connectors following Figure A, ensuring all are securely connected and locking arm is engaged. (Terminal block to photocell, photocell to LED Driver)
- 5. Set the photocell using the dip switches located on the top of the sensor following below tables

Photocell operations

LIGHT							
ON 		1	2	3	4	ON	OFF
	I	ON	ON	ON	ON	5Lux	25Lux
	II	ON	ON	ON	-	10Lux	50Lux
	III	ON	ON	-	ON	25Lux	75Lux
	IV	ON	ON	-	-	50Lux	100Lux
	V	ON	-	ON	-	100Lux	200Lux
	VI	ON	-	-	-	150Lux	300Lux
	VII	-	ON	-	-	200Lux	400Lux
	VIII	-	-	-	-	Disable	

- When ambient light level is below on lux level, the photocell automatically switches on light at 100% brightness. When ambient light level is over off lux level, it switches off light.

Warranty

This product is guaranteed for a period of 5 years from the date of purchase. The warranty is invalid in the case of improper use, tampering, removal of the Q.C. date label, installation in an improper working environment or installation not according to the current edition of the I.E.E. Wiring Regulations (BS7671). The warranty is also invalidated if the luminaire has been insulation tested. Should this product fail during the warranty period it will be replaced free of charge, subject to correct installation and return of the faulty unit. We do not accept responsibility for any installation costs associated with the replacement of this product. Your statutory rights are not affected. We reserve the right to alter specifications without prior notice.

Maintenance

- When this fitting comes to the end of it's life or you choose to replace it, please do not dispose of it with your normal waste. Please recycle where the facilities exist, check with your local authority for suitable options.

INS/ACCESSORIES/AH020/PLUG_PCI/V1