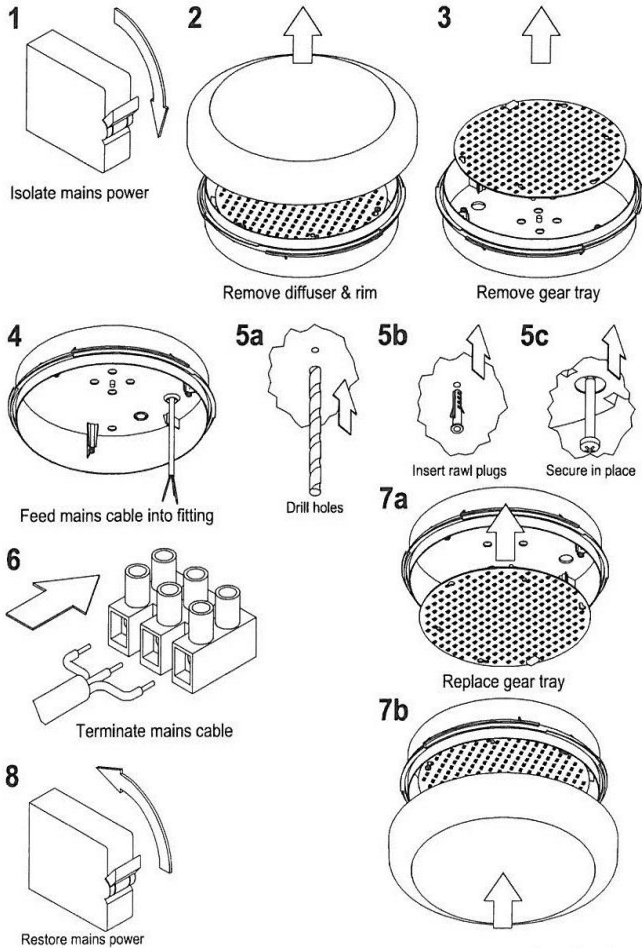


LED Bulkhead	L1011WH	8W Standard, white - 270mm
LED Bulkhead	L1011CH	8W Standard, chrome - 270mm
LED Bulkhead	L1021WH	14W Standard, white - 330mm
LED Bulkhead	L1021CH	14W Standard, chrome - 330mm
LED Bulkhead	L1022WH	14W Std + microwave, white - 330mm
LED Bulkhead	L1022CH	14W Std + microwave, chrome - 330mm
LED Bulkhead	L1023WH	14W Emergency, white - 330mm
LED Bulkhead	L1023CH	14W Emergency, chrome - 330mm

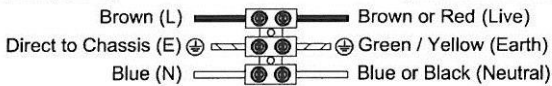
Stratus

Features		Dimensions	
<ul style="list-style-type: none"> • Small 8W option available, only 270mm diameter • Standard 14W 330mm diameter • Optional Chrome finish • Elegant clean lines with smooth finish • Slim profile • Emergency option available • Tough Polycarbonate diffuser • Tough polycarbonate body • Microwave sensor for reliable detection • Instant illumination • Low Power consumption • Rated at IP65 suitable for bathrooms 			
Safety Information		Environmental	
<ul style="list-style-type: none"> • This product is intended for indoor use only • It is recommended that luminaires are installed and fitted by a qualified electrician ensuring the installation complies with the current IEE wiring regulations. • These instructions should be read carefully and retained after installation for future reference and maintenance. • Always ensure there is adequate free air ventilation around the luminaire at all times. • Do not install this product on newly plastered surfaces. • Ensure all electrical connections are secure and that there are no loose strands. • This product is NOT dimmable • This is a Class 1 product and MUST be earthed. 		<p>This product may contain substances that can be hazardous to the environment if not disposed of properly. Electrical and electronic equipment should never be disposed of with general household waste but must be separated for its correct treatment and recovery. Where possible recycle your packaging</p>	
Operation – Microwave Sensor (where fitted)			
<p>Detection Range: This determines the effective range of the motion detector and is set by DIP switches on the sensor itself, refer to figure. Note that reducing the sensitivity will narrow the detection range. The following settings are available:</p> <ol style="list-style-type: none"> Maximum up to 5m Range up to 3.5m Range up to 2m Range up to 1.5m Range up to 1m 	<p>Hold Time: This determines the time the fitting remains at 100% level after motion is last detected and is set with DIP switches at the sensor itself, refer to figure. The walk test setting is useful when installing the fitting to establish correct operation and range.</p> <p>The following settings are available:</p> <ol style="list-style-type: none"> walk test mode 30s 3 minutes 5 minutes 15 minutes 25 minutes 	<p>Daylight Sensor: This setting holds off the 100% light output should there be sufficient daylight and is set using DIP switches at the sensor, refer to figure. The following settings are available:</p> <ol style="list-style-type: none"> 2 lux darkness only 5 lux darkness only 20 lux twilight 30 lux twilight *daylight, photocell disabled. <p>*In daylight setting the lamps will always be on with motion detection and operate at 100% light output, even in bright daylight.</p>	

Installation



LUMINAIRE



MAINS SUPPLY

This is a Class I product and must be Earthed.

SUGGESTED METHOD OF INSTALLATION

Read instructions and check you have all the tools and accessories to complete the installation safely and in compliance with current electrical standards.

STEP 1

Isolate the mains supply before connecting. Unpack the luminaire. Ensure there are no obstructions or services in the way.

STEP 2

Remove the diffuser and decorative rim from the base by turning 45 anti-clockwise and pulling away from the base

STEP 3

Loosen but do not remove the gear tray retaining screws. Adjust the position of the gear tray to align the hole in the keyhole slots with the retaining screws, and remove the gear tray from the base.

STEP 4

Select a suitable cable entry point in the body of the luminaire and feed the mains cable through the grommet to prevent damage to the cable.

STEP 5

Position and fix the base of the bulkhead to a suitable solid surface. a) drill holes. b) fit rawl plugs. c) fix into position with screws supplied

STEP 6

Terminate the cables into the terminal block mounted on the underside of the LED board ensuring the correct polarity is observed and the luminaire is fully earthed. Ensure all conductors are fully sleeved and insulated (for emergency lighting see additional information below)

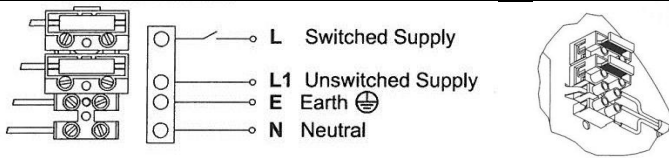
STEP 7

Dress any cables away from the edge of the luminaire. A) replace the gear tray and secure in position. B) replace the diffuser.

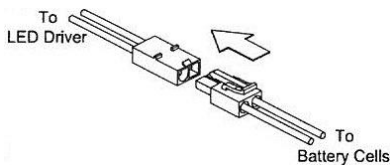
STEP 8

Turn on the mains power supply and test the luminaire for correct operation.

Additional Wiring Details (Emergency Products Only)



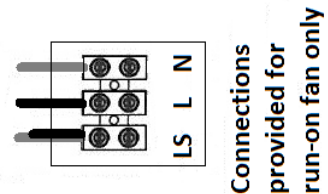
Ensure the luminaire has a continuous live supply to "L1" (un-switched live). The "maintained" emergency luminaire can be switched via connection "L" (switched supply).



Ensure the battery cells are connected

Extractor Fan "switching"

Units fitted with the microwave sensor also have an additional terminal that will allow the control of a "timed" extractor fan.



Note: a Three Pole Fan Isolator must be fitted.

Voltage	230 Volt 50Hz	Ingress Protection	IP65
Rated Wattage: Small	8W (L1011WH/CH)		
Rated Wattage: Large	14W		
Lamp Type:	Integrated LEDs	Colour Temp	4000k

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