

# Installation Sheet

KSR98120

Navara HB



LED Highbay

Available finish: Black Finish

Read these instructions before commencing installation. Please give these instructions to the owner/occupier after installation to retain for future reference/maintenance.

IP65/IK08  $\oplus$  UK CE  $\oslash$  0.5m  $\nless$  240V~50Hz 100W

These fittings are Class I and must be Earthed

## Important Information

It is recommended that these luminaires are installed and fitted by a qualified electrician ensuring the installation complies with current IEE wiring regulations & local building control. These products are designed for connection to a 240V~50Hz supply.

Any faulty, broken or damaged luminaires should be replaced immediately.

KSR will not accept responsibility for any claims arising from a poor installation.

Please Note: The limited warranty shall be deemed null and void in the following circumstances: Failure by the installer, end user or any third party to exercise caution to protect any covered product or part from outside damage, adverse temperature (normal operating ambient temperature -20 - 40°C), humidity conditions, fluctuations in the electrical system or physical abuse as well as failure related to workmanship in the installation of the products or parts.

## Important User Advice

Always switch off mains supply before fitting or servicing.

This luminaire is suitable for indoor use only and should not be fitted to damp or wet surfaces such as freshly plastered or painted surfaces.

Do not use Megger or similar high voltage instruments. Due to the fact this luminaire contains electronic

components that maybe damaged by high test voltages, they must be disconnected from the circuit before testing.

To prevent damage to the luminaire, do not mix with conventional magnetic ballasts on the same electrical circuit.

At the end of life the luminaire is classed as WEEE under directive 2014/30/EU and should be disposed of in accordance with local legislation.

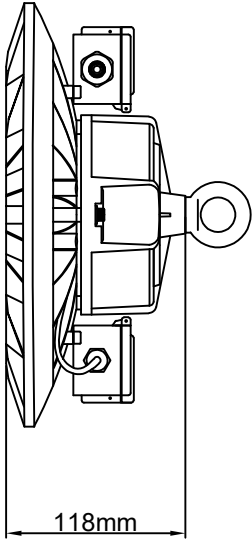
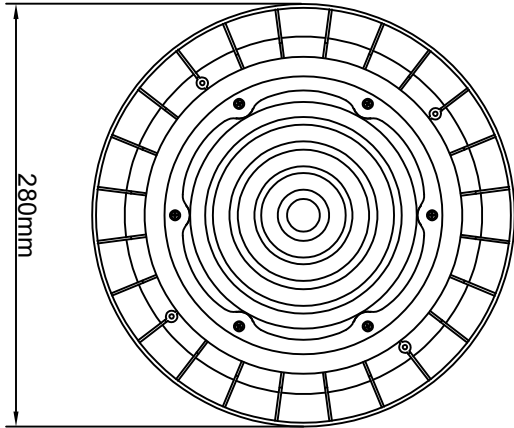
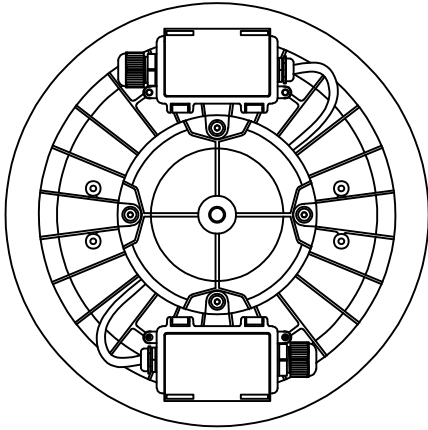
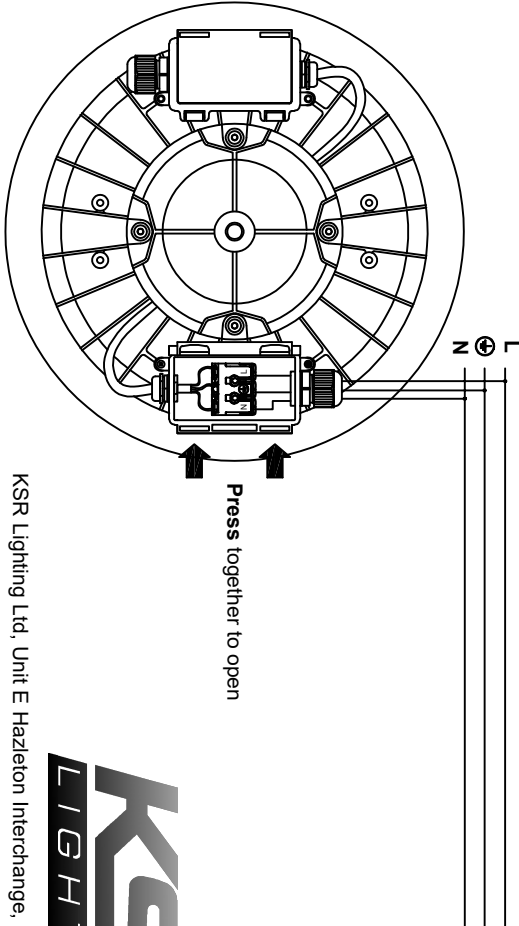
## Installation Procedure

Install as below using the Suspension Eye hook provided and Suitable Suspension method. Ensure screw lock on eye hook is tightened fully before commencing with wiring

Connect mains supply cable into Junction box attached, the junction boxes open via both the push buttons being

pressed at the same time. After checking the cables are secure in the push fit terminal block turn on power and test Luminaire.

Fig. 1



\*Please note: Depending on the amount of LED fittings on a circuit you may have to upgrade the breaker to a 'C' or 'D' type due to the way electronic LED drivers start up with higher Inrush currents compared to HID lighting.

Lamp Details				
Product Code	Description	Dimensions L x H	Wattage	Colour
KSR98120	Navara HB 100w	280mm Dia x 118mm	100W	4000K
				12700 Lumens

The light source of this luminaire is not replaceable; when the light source reaches its end of life the light source and control gear shall be replaced

This product contains a light source of energy efficiency class D

KSR Lighting Aftersales: 023 92 674343  
E-mail: aftersales@ksrlighting.com







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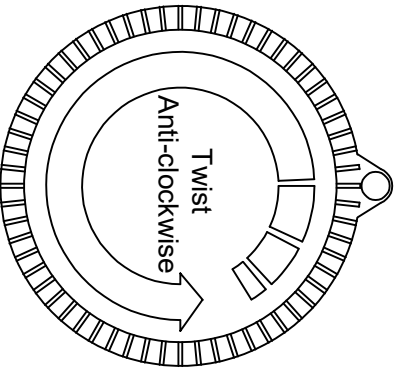
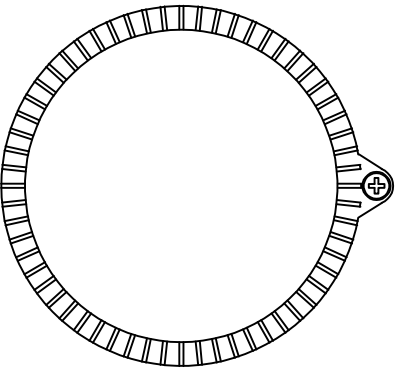
IP65/IK08 240V~50HZ

Instructions

Please note mains must be isolated before sensor is opened and set, this is due to the dipswitches being in close proximity of a high voltage circuit

Microwave sensors will detect movement through certain materials, if this occurs reduce the detection area until any nuisance triggering stops.

1. To access Dip Switches remove cap by releasing screw on top of Sensor casing (screw driver required)
2. With fixing screw removed twist cover anti-clockwise until the cover is free from the main body
3. Referring to dipswitch table label on sensor housing and shown below set dip switches to desired setting and test
4. Once you are satisfied with your settings screw cover clockwise onto main sensor body and fix in place with screw to secure.



**1 - Detection Range**  
Detection area can be reduced by selecting the combination on the Dip Switches, following the guide as shown here.

1	
	100%
	50%

ON OFF

**2 - Hold Time**  
Hold time means the time period you would like the light to remain 'on' once the sensor has detected movement.

2	3	4	
			5s
			30s
			90s
			3min
			5min
			10min
			20min
			30min

**3 - Standby Period**

The standby period is the time the sensor stays on for when the initial hold time has lapsed, this is used when the user wants the fitting to dim down to a reduced level for a set period of time after the initial hold time. If this is not required set dipswitches to 0s and the sensor will turn off after the hold time has lapsed

5	6	7	
			10s
			1min
			5min
			10min
			30min
			60min
			+∞
			0s

**4 - Standby Dim Level**

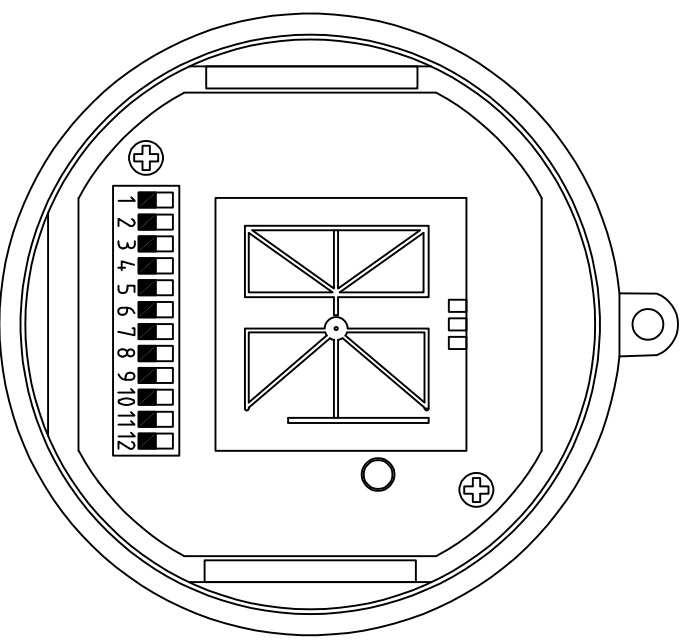
This is the level the sensor will dim down to after the initial hold time has lapsed. This is set in conjunction with switches 5,6 and 7.

8	9	
		10%
		20%
		30%
		50%

**5 - Daylight Sensor**

The daylight sensor can be set to bring the light 'on' at specific daylight levels. To have the sensor function in daylight set the Dip Switches to 2000lux.

10	11	12	
			2000lux
			50lux
			10lux
			2lux



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