

Installation Instructions for:

Reef

Reef luminaires comply with BS EN60598 Class 1 (IP20) and are designed for wall mounting. Where use in more onerous situations is required, eg. in part completed buildings before "drying-out" is completed, or areas where ambient temperatures are outside the normal temperature range, then consult our Doncaster Sales Office.

Approved normal ambient temperature range: 5°C to 25°C

Suppressed for use in residential accommodation.

Testing of insulation resistance. In accordance with IEE Regulations, electronic ballast luminaires should be disconnected from supply before insulation resistance testing of wire.

Methods of fixing luminaire

1. Install suitable wiring to power luminaire. See Fig 1. for cable entry points of each luminaire.
2. Remove lamps and Reflector from luminaire (Reflector is retained by two screws).
3. Fix to wall on keyhole slots using suitable screws/fixings (See Fig 1. for fixing positions).
4. Connect mains cable to terminal block.

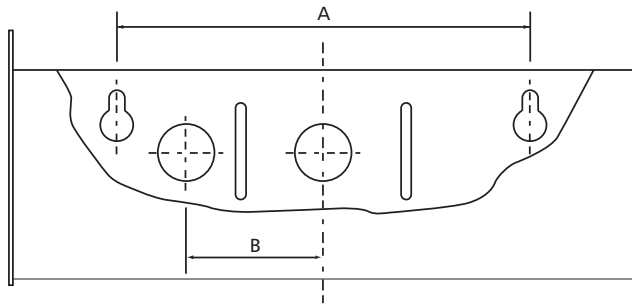
Blue or Black - N
Brown or Red - L
Green/Yellow - \oplus

NOTE - LUMINAIRE MUST BE EARTHED

NOTE - HIGH FREQUENCY LUMINAIRES MUST NOT BE HIGH VOLTAGE OR MEGGA TESTED

5. Replace reflector, Note - if slotted or perforated "downlight" versions of uplighter are being used ensure window of reflector is bent open to ensure downlight component is maximised.

Fig 1. Dimensional Data



GENERAL DESCRIPTION		CABLE ENTRY		FIXING CENTRES DIM A
		ON CENTRE LINE	DIM B	
SIZE	LAMP OPTIONS			
260mm	18/26W PL-D	YES	50.0	150.0
390mm	18/24W PL-L	YES	115.0	280.0
490mm	36W PL-L	YES	155.0	360.0
600mm	40/55W PL-L	YES	200.0	450.0
	14/24W T5			

Safe Operation

1. Check the rating label for voltage and frequency before connecting this luminaire to the electrical supply.
2. Ensure that the mains supply is switched off when working on this luminaire, whether installing, re-lamping or carrying out any other servicing.
3. Use the correct lamps as initially supplied or as indicated on the ballast label.
4. This luminaire is suitable for direct mounting on all non-combustible and normally flammable materials, e.g. timber, plasterboard. Do not mount luminaire on or close to readily flammable materials.
5. To prevent damage to H.F. Ballasts do not mix H.F. and Conventional Magnetic Ballasts (Switch, Quick or S.R Start) on the same electrical circuit.

SERVICING AND LAMP DISPOSAL

1. At commissioning and handing over of installation ensure that a copy of these instructions is presented to the authority responsible for the operation and maintenance of the luminaires.
2. Servicing, e.g. cleaning, lamp replacement, must only be carried out after the electricity supply has been switched off. It must not be assumed that luminaires with lamps not lit are switched off- always check before servicing.
3. Cleaning should be carried out at regular intervals to ensure that dirt does not accumulate to an extent that will impair the thermal safety of the luminaire. Regular cleaning will also ensure that the optical performance of the luminaires is maintained.
4. Failed lamps and starter switches must be replaced as soon as practicable by lamps and starters of the same type. For electronic start circuits allow **one minute** for the thermal cut-out to re-set before switching on the mains supply.
5. At the end of life the lamp and luminaire are classed as WEEE under directive 2002/96/EC and should be disposed of in accordance with local legislation.
6. All other parts of these luminaires, in small quantities, may be disposed of in the normal way. However, if large quantities of plastic are to be incinerated special precautions should be taken against the fumes which may be given off.