

## GENERAL INFORMATION

- 1) A qualified electrician, in accordance with IEE wiring regulations should carry out connection to mains wiring.
- 2) This unit must be EARTHED.
- 3) Ensure that the rated voltage and frequency requirements are compatible with the available mains supply.
- 4) Cleaning of diffuser should be carried out using clean, soft and lint free damp cloths and soapy water.
- 5) Do not carry out high voltage insulation test, i.e. 500/1000v this may damage internal components.
- 6) Some Luminaires installed in outdoor environments may experience a build-up of internal condensation. This is due to a difference in temperature between inside and outside the luminaire which is quite common and acceptable under BSEN60598.
- 7) We recommend use of a high temperature Copper Paste on all screws that need to be accessed during maintenance process, this will prolong the life of the fixings and reduce the force required to remove the screws.

## IMPORTANT INFORMATION

This product has been fitted with an LED array.  
Do not touch or attempt to clean the LED array as it is easily damaged.  
Whitecroft Lighting can supply a cleaning kit consisting of a compressed air aerosol if required. Order Reference CLKIT 1.

## FURTHER INFORMATION

### ADDITIONAL NOTES FOR EMERGENCY LUMINAIRES

#### THIS PRODUCT IS APPROVED FOR SURFACE MOUNTING ONLY

These instructions are for non-maintained and maintained emergency light fittings, which incorporate an LED array. Operating temperature 0°C to 25°C.

The driver is electronic, consisting of a high frequency DC inverter, battery charger, charge indicator, and battery deep discharge protection circuit.

These fittings are self-contained without "Rest Mode" facility.

All emergency versions are 3 hour duration.

The Mains supply and the Battery connection must be disconnected before servicing or maintenance.

#### VERY IMPORTANT

The battery must be left disconnected during installation until there is a stable site supply. Isolating the un-switched supply to the luminaire with the batteries connected on a daily basis will damage the fitting.

This product is suitable to exterior use under canopies or wall mounted on single story building. It should not be used on roof tops or exposed to direct sun light

## TECHNICAL SUPPORT

Telephone: 0161 331 5700

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<http://www.whitecroftlighting.com/>



## DUSK LED



## Installation Leaflet

Feb 2016 - Rev K



## Whitecroft Lighting Limited

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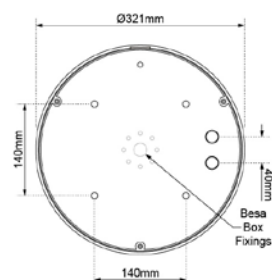
Registered No. 3848973 England

Registered Office: As above

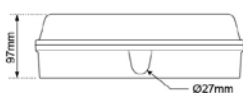
## SPECIFICATION

Lamp Source	Talex CLE 190mm ADV light engine.
Colour Temp	4000°K
Finish	Black or White
Materials	POLYCARBONATE
Weight (KG)	Standard 3Kg Emergency 4Kg
Supply	230-240Vac 50/60Hz
Power	10W / 16W
Connection	2.5mm <sup>2</sup> input terminal block
Operating temp	-10° C to +25° C Standard 0° C to +25° C Emergency
Ingress protection	IP54 Not for exterior use.
Luminaires output	10W – 1044lm 16W – 1434lm
Emergency Output	3Hr Standard

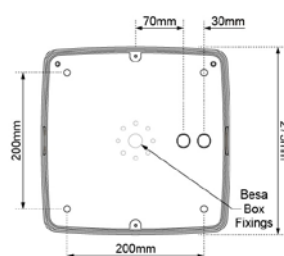
## DIMENSIONS & FIXING HOLE CENTRES



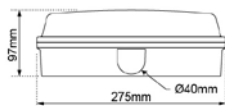
FIXING POINTS



HEIGHT



FIXING POINTS

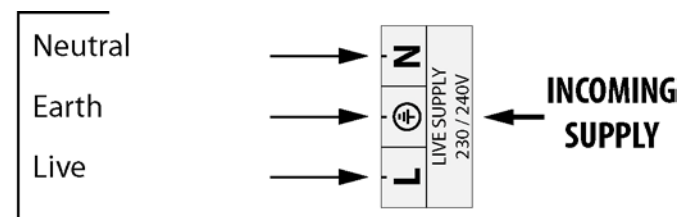


HEIGHT

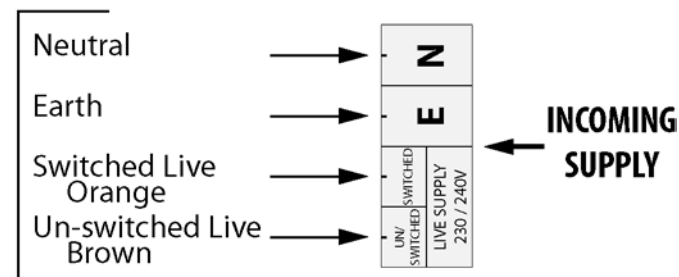
## INSTALLATION DETAILS

- 1) Take out the base moulding. Remove cover via 2 fixing screws.
- 2) Put the gear tray into the hinge position, untighten the screw(s) and allow the gear tray to hinge open.
- 3) Drill out the cable entry and any other “Cut Outs” required.
- 4) If cut outs are required for conduit fixing (Not BESA) make sure that the hole is drilled high enough in the side of the base to allow the inside nut to be fitted.
- 5) Feed the incoming mains through the cable entry and secure the base to the mounting surface required using the mounting points provided (failure to do this will cause the fitting to distort) with fixings suitable to support the fitting and for the material to which the base is being attached
- 6) Make sure that the incoming mains cable is long enough to allow the Gear Tray to be completely opened.
- 7) Connect the incoming mains to the terminal block.
- 8) If using stranded cables, make sure that no stray wires are omitted from the terminal connection. Connect battery cable if emergency version. The battery must be left disconnected during installation until there is a stable site supply. Isolating the un-switched supply to the luminaire with the batteries connected on a daily basis will damage the fitting.
- 9) Close the Gear Tray (make sure that all cables are clear of the Gear Tray components) and secure with the screw provided.
- 10) Screw on the diffuser making sure that it is correctly tightened to locate in the seal.
- 11) It is the responsibility of the installer to ensure that the IP54 rating of the fitting is maintained by using suitable silicone sealant or glands where necessary to ensure fixing holes or cable entries are sealed against water ingress.

### Standard Wiring



### Emergency Wiring



To make the fitting “Non-maintained” leave out the “Switched Live”.