

## SITING AND POSITIONING

- 1) Only mount the fitting at a point that is stable, secure and strong enough to maintain it in its desired orientation in the most severe weather conditions.
- 2) Do not mount your fitting on a flammable surface and do not focus it on any object less than 1.0m away.
- 3) Do not position fitting in an enclosure or other location which has restricted air flow.
- 4) Thought should be given to the siting of the dusk/dawn photocell sensor versions of the floodlight. The light switching level will be affected if the unit is situated under the eaves of a building or if the sensor is obscured from the ambient light falling on the surface during daylight conditions.

## Fusing :

- Power Factor: 0.90
- 28/38 watts, 4 amps (1-5 fittings per circuit)
- 70-80 watts, 4 amps (1-4 fittings per circuit)
- 70-80 watts, 6 amps (1-6 fittings per circuit)

## GENERAL INFORMATION

- 1) A qualified electrician, in accordance with IEE wiring regulations should carry out connection to mains wiring.
- 2) Prior to supply electrical power to the fitting, first ensure all voltages, frequencies and fusing conforms with the specifications supplied within these instructions.
- 3) This unit must be EARTHED.
- 4) Ensure that the rated voltage and frequency requirements are compatible with the available mains supply.
- 5) Cleaning of reflectors and lenses should be carried out using clean, soft and lint free damp cloths and soapy water.
- 6) Do not carry out high voltage insulation test, i.e. 500/1000v this may damage internal components.
- 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.
- 8) 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.

## TECHNICAL SUPPORT

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



# CENTURION PP65



## Exterior Perimeter Security Bulkhead Installation And Wiring Instructions

May 2014 - Rev E



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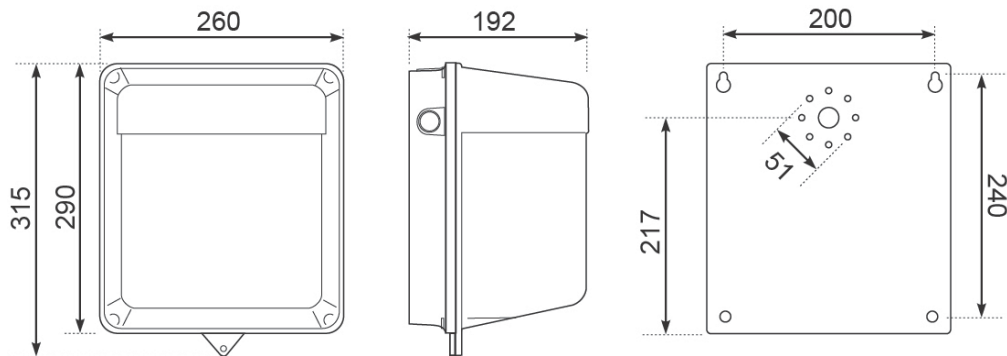
Registered No. 3848973 England

Registered Office: As above

## SPECIFICATION

Lamp type	26W TC-D, 42W TC-T, 70W SON-E, 70W HQI-E		
Finish	Black		
Materials	Body	Polycarbonate	
	Diffuser	Polycarbonate	
Weight	Maximum weight of fitting is 3.0Kg		
Supply	230 - 240V AC, 50Hz		
Operating temp	-30 °C to 25 °C		
Connection	Minimum Cable Size 2.5mm²		
Ingress protection	IP65		
Lamp Performance	Wattage	IL@25°C	Lamp Life
	26W TC-D	1800	13,000hrs
	42W TC-T	3200	13,000hrs
	70W SON-E	5810	28,500hrs
	70W HQI-E	7230	12,500hrs

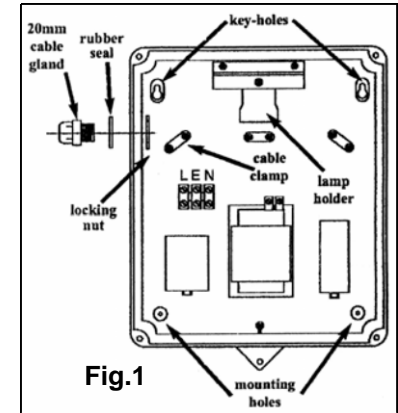
## Dimensions and Fixing Hole Centres



## INSTALLATION DETAILS

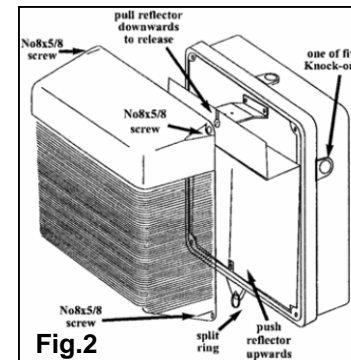
**1)** Take the fitting from its packaging and locate the small plastic bag containing; split ring, four No8x5/8 screws, four nylon washers and a 20mm cable gland complete with associated lock-nut and rubber seal.

**2)** Remove the reflector by first loosening the two securing screws, but do not unscrew. Slide the top of the reflector down, enough to release the reflector from the location slot, then release the lower half by lifting the reflector out (fig 1).



**3)** A knock-out for a 20mm cable gland is located on either side of the base. Carefully remove the desired knock-out and secure the gland. To maintain the IP integrity of the luminaire, correctly locate and secure the rubber seal and lock-nut (fig 2). NB. Never wire the fitting using flat 'twin & earth' cable since this could affect the IP rating and allow ingress of moisture. Use a minimum of 2.5mm<sup>2</sup> mains cable of circular cross section only.

**4)** Prepare the two key-hole slots and two mounting holes on the base of the fitting, then secure the base in its desired location using appropriate screws (fig 2). Ensure that the IP integrity of the fitting is not impaired by the method of securing by screws through the base.



**5)** Once the base is secured, check that the mains supply is isolated and then feed the supply cable through the selected cable entry. Secure the cable via the saddle-bar, ensuring enough spare inside the fitting to make required termination.

**6)** Make the wiring connections from a suitably fuse mains supply the luminaire; Live, Earth and Neutral wires can now be connected to the terminals of the 3- way screw connector block, taking special note of the L E N positions.

**7)** Once all the wiring is complete, relocated the reflector into the base and secure. Carefully fit appropriate lamp into the lamp-holder.

**8)** Secure the diffuser using the four No8x5/8 screws. Tighten only enough to maintain the IP integrity of the luminaire (fig 3). NOTE: to avoid damaging the diffuser – do not over tighten the fixing screws.

**9)** Finally fit the split ring through both the body and diffuser.