

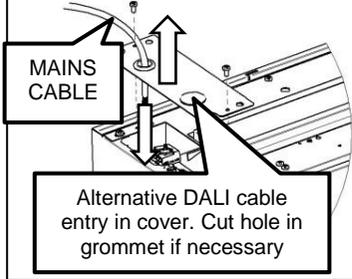
Broadsword



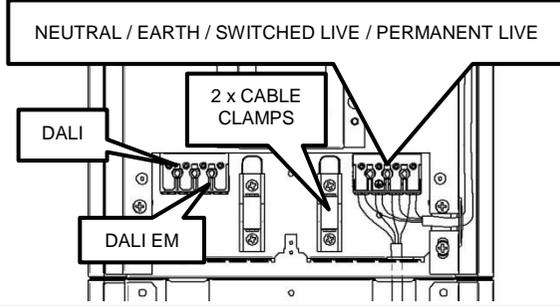
**STANDALONE & CONTINUOUS
LED LUMINAIRE**

Installation Instructions

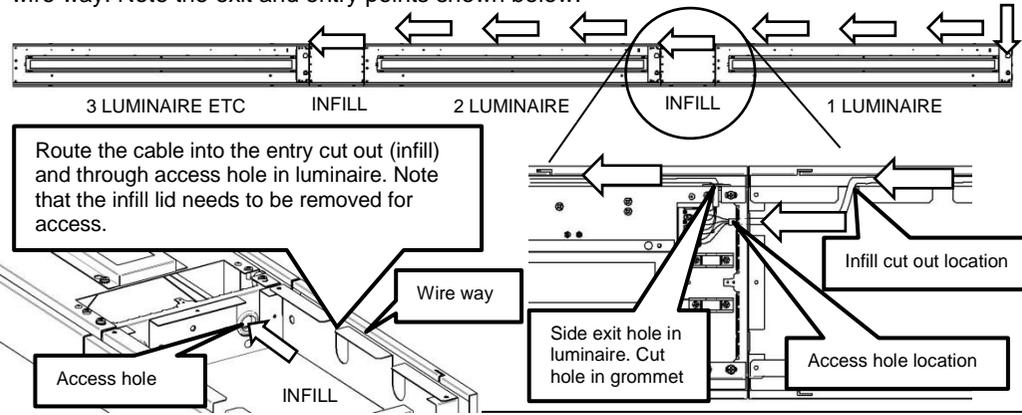
7. Remove terminal block cover and feed in the mains cable (supplied by others) through cable hole.



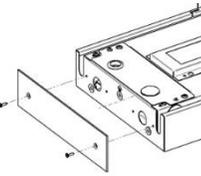
8. Terminal block wiring: Wire into the terminal blocks as shown below using the cable clamp to fix mains cable. Depending on the model the terminal blocks may differ.



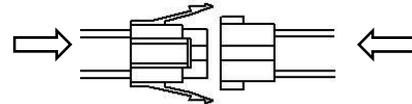
9. If setting up a continuous Broadsword review the wiring set up below. The mains cable enters the first Broadsword (step 7) and a link cable (supplied by others) connects from the first terminal block to the next luminaire. Cables are routed between the terminal blocks along the wire way. Note the exit and entry points shown below.



10. At the end of a continuous run of luminaires remove end grommets from the luminaire and attached ends caps as shown. Use screws provided. Re-attach infill lids.



11. If the Broadsword has emergency / Comeps remove battery cover on the back of the luminaire and connect battery cables. See step 2 for cover location. Note the warnings on back of product!



GENERAL INFORMATION

- 1) A qualified electrician, in accordance with IEE wiring regulations should carry out connection to mains wiring.
- 2) Ensure that the rated voltage and frequency requirements are compatible with the available mains supply.
- 3) Do not carry out high voltage insulation test, i.e. 500/1000v this may damage internal components.
- 4) Cleaning of the diffuser should be carried out using clean soft and lint free cloths and anti-static cleaning fluid.
- 5) This Luminaire must be EARTHED

TECHNICAL SUPPORT
 Telephone: 0161 331 5700
 E-mail: technical@whitcroftlight.com
<http://www.whitcroftlighting.com/>

PK/BSINSTLEAFLET

MAY 2016 - Rev 2



Whitcroft Lighting Limited

Burlington Street, Ashton-under-Lyne, Lancashire OL7 0AX
 Telephone +44 (0)870 5 087 087 Facsimile: +44 (0)870 5 084 210
www.whitcroftlighting.com

Registered No. 3848973 England

Registered Office: As above

SPECIFICATION

The Broadsword luminaire specification is below.

Models available	Standalone / Continuous (inc. EM, Dali, Fixed output)
Lighting Distribution	50% / 50% or 75%down / 25% up depending on product code
Finish	White / Silver
Lumen outputs available	See website for options available
Colour temperature (CCT)	4000K
Materials	Sheet metal body / plastic diffusers
Supply	220-240V
Operating temp	0°c to 25°c
Connection	Terminal block 0.75mm ² to 2.5mm ² .
Ingress protection	IP20 both front and rear

DIMENSIONS

BROADSWORD LUMINAIRE					Suspension centres	
MODEL	HEIGHT (MM)	WIDTH (MM)	DEPTH (MM)	WEIGHT (KG)	A (MM)	B (MM)
STANDARD	70	1630	235	9.5	1200	226
EMERGENCY	70	1630	235	10	1200	226

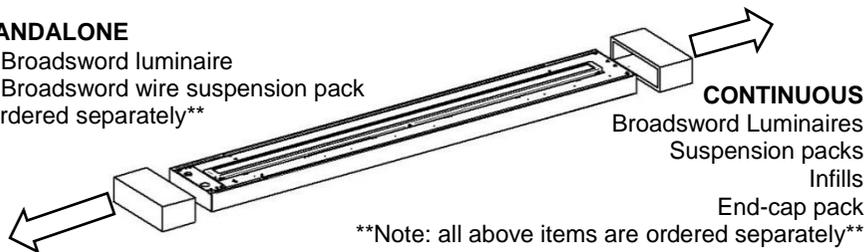
INFILLS FOR BROADSWORD CONTINUOUS					Suspension centres		
INFILL	HEIGHT (MM)	WIDTH (MM)	DEPTH (MM)	WEIGHT (KG)	A (MM)	B (MM)	C (MM)
300	61	300	235	1.2	170	226	65
600	61	600	235	2.4	470	226	65
900	61	900	235	3.6	770	226	65
1200	61	1200	235	4.8	770	226	215
1500	61	1500	235	6	1070	226	215

INSTALLATION

1. Remove product from packaging and check contents for damage. The following components are required;

STANDALONE

- 1 x Broadsword luminaire
- 1 x Broadsword wire suspension pack
- **Ordered separately**



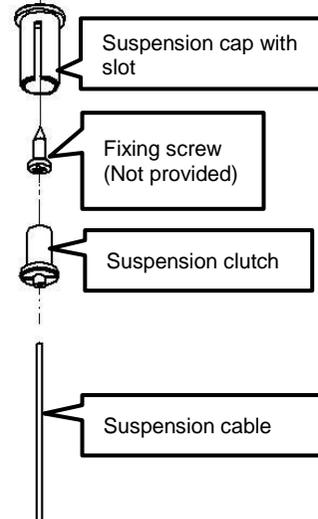
2. Mark out suspension centres in ceiling as shown below. Refer to dimensions table for drill hole centres. Ensure structure and fixings (supplied by others) are suitable to support the weight of the luminaire.



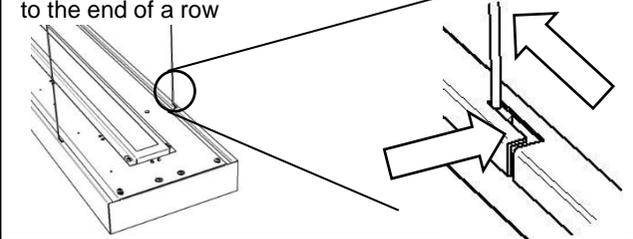
Note! Cable entry point

Emergency battery cover location

3. Using the centre points marked out in step 2, drill holes for suspension caps into ceiling and screw into place (screws supplied by others to suit substrate material). Feed the wire cables into the suspension clutches, and then screw the clutches into the cap. Ensure cable end protrudes through slot in the suspension caps as shown.

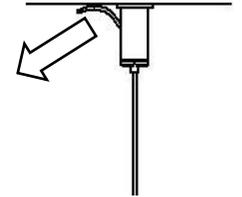


4. Lift up the Broadsword (requires 2 persons) and attach the ball end of the suspension cables into the slot cut outs in the body, as shown below, 4 in total. Attach Luminaires first ensuring terminal block ends are ALL aligned to either the left or the right (see step 9). Ensure the suspension cable sits all the way to the end of the hanging slots. If setting up a continuous Broadsword installation repeat for remaining luminaires and then add infills. Note that infills 900mm and below do not require suspension unless fitted to the end of a row



5. Pull suspension cables through the suspension cap to adjust the height of the Broadsword. Ensure the luminaire sits level. Maximum cable drop is 1.5m

Use laser or similar to level luminaire and only trim excess cable once happy with position.



6. If installing a Standalone Broadsword luminaire skip to step 7. If setting up a continuous Broadsword remove the infill lids and attach onto the ends of the luminaire as shown using the bolts and washers supplied with the infill. These will align with the threaded inserts in the Broadsword continuous body. Make final adjustment to the suspension cables if required and snip off excess only when satisfied with height and level.

