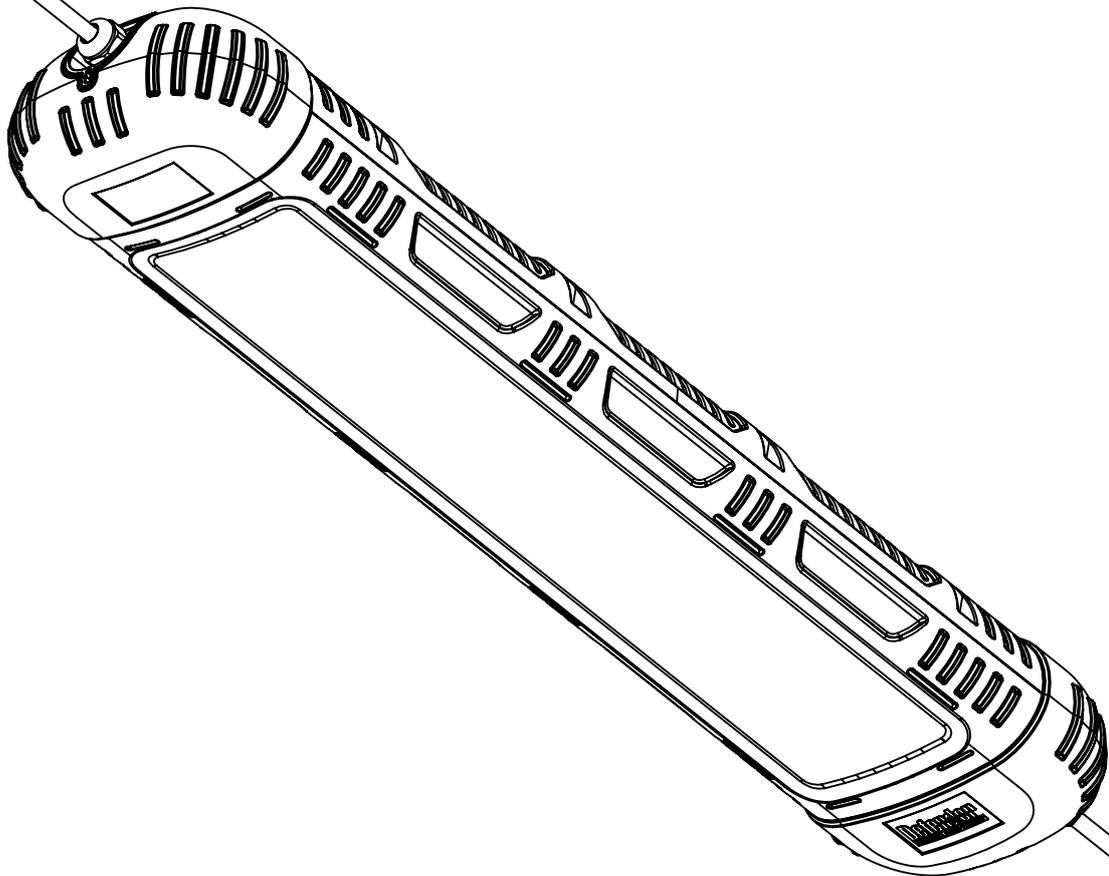


Defender
POWER AND LIGHT

DC4000 & DL4000

LED LINKABLE LIGHTS

Safety, operation & maintenance instructions



E712685 - DL4000 LED Linkable light
E712686 - DC4000 LED Contractor light

Thank you for buying the DL/DC4000 LED Linkable lights.

Designed and manufactured to the highest of standards to ensure a robust and long life, we hope it provides you with many years of trouble-free, safe and reliable service. It is suitable for both indoor and outdoor operation.

IMPORTANT SAFETY INSTRUCTIONS

This instruction booklet contains vital information for the safe use and operation of the DL/DC4000. Carefully read and understand all instructions before use. Failure to adhere to the instructions could result in serious personal injury or property damage. In addition, you should follow all warnings and instructions affixed to your DL/DC4000.

This product has been carefully designed for its intended purpose and must not be modified in anyway. Any alteration may compromise safety, as well as invalidate Technical Production Approvals and your insurance.

KEEP THIS BOOKLET FOR FUTURE REFERENCE.

GENERAL SAFETY INFORMATION

1. Do not look directly into the light source
2. Ensure you are aware of all the safety requirements and the DL/DC4000 is suitable for the task you wish to undertake
3. It is suitable for both indoor and outdoor operation
4. Do not use if any of the components on the light are damaged. If there is any doubt about the condition do not use
5. Protect power cord from contact with sharp objects, chemicals or hot surfaces
6. Ensure the cable does not present a trip hazard during charging. Do not run cable across walkways
7. Never use this equipment if you are ill, feeling tired, or under the influence of alcohol or drugs
8. Keep the equipment dry whenever possible
9. Do not use the near a source of heat
10. The DL/DC4000 must not be modified in any way. Alterations of any description may invalidate the product warranty and technical approvals
11. Always ensure that the unit has cooled completely before storing
12. Do not work near flammable gases or liquids
13. If the external flexible cable or cord of the luminaire is damaged, it shall be exclusively replaced by the manufacturer or his service agent or a similar qualified person in order to avoid a hazard
14. Do not block the vents on the rear of the light
15. Periodically check the vents to ensure no dirt or debris is blocking them
16. If the DL4000 is suspended using the fixing points, ensure that no other load other than the weight of the DL4000 is applied

GETTING STARTED (DC4000) LED Contractor Light

1. Site the DC4000 in the desired position. Please consider the location carefully. Is this position going to create an obstruction?
2. It is recommended the DC4000 is used on a level surface for stability
Can the mains cable be routed safely to the power outlet?
3. Route the cable safely to the mains outlet and secure in position if required
4. Please refer to the product's rating labels before connecting to the power supply. If the power supply is suitable for the product connect to the supply
5. The DC4000 should now illuminate. If the module does not illuminate check the power supply
6. If there is a good power supply and the unit is not illuminated, contact the supplier or consult an electrical engineer
7. Your DC4000 is now ready to use

Removal of the leg stand

This will allow the DC4000 to be surface mounted as outlined within the "Getting Started (DL4000)" section of these user instructions.

1. Remove the 4X M6 socket button head screws attaching the both the foot holder and grab handle on the rear of the case. Note these are marked as "A" on the rear case. **Fig. 1**
2. Retain all the components to allow for reassembly if required
3. The DC4000 can now be mounted in several ways, as per the DL4000

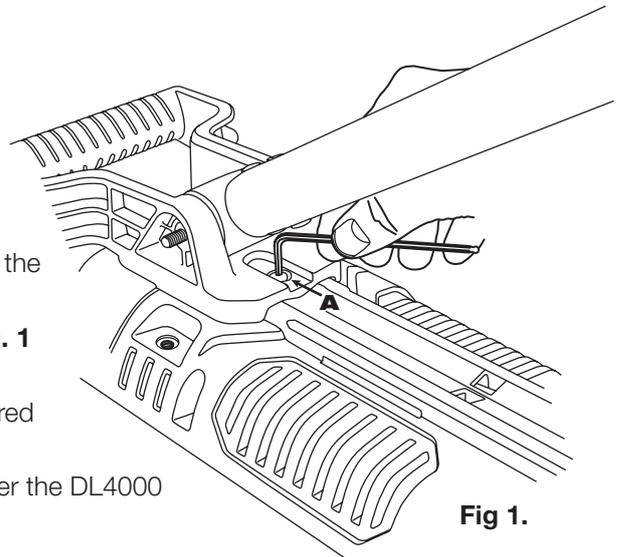


Fig 1.

GETTING STARTED (DL4000) LED Linkable Light

- The DL4000 can be mounted in several different ways
- Rail Mast - Sold separately - part no E712685.1
- Tie wrapped - Simply position where needed and tie wrap through vents on the back. The channel on the back serves to fit scaffolding perfectly
- The unit can be hung using chains with the integrated threads on the back of the unit (eyelets are provided)
- The DL4000 is provided with 3 metres of cable on the inlet and outlet sockets

Flush surface mounting instructions

1. Locate a suitable position to mount the DL4000. At this stage we recommend the following is considered;
 - Will the position cause any obstruction?
 - Will the position illuminate the intended area?
 - Can the cable be routed to ensure this does not present a hazard?
 - Will there be sufficient airflow around the unit to prevent overheating?
 - Use an appropriate fixing method to secure the unit into position
2. Use the fastening points "C" located in **Fig. 2** to secure the back of the unit to the surface
3. Note: there is a notched channel running down the length of the rear case to allow the unit to be attached to a tubular section such as scaffold **Fig. 2**

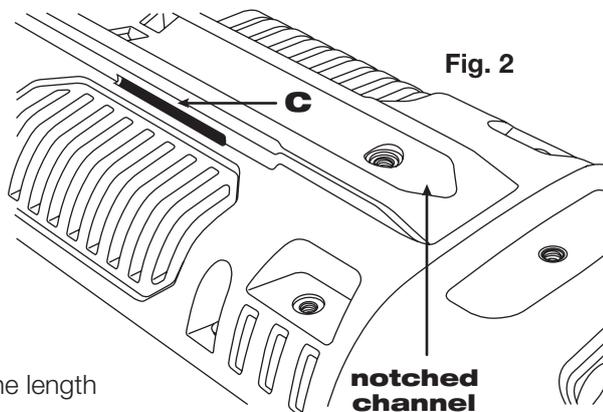


Fig. 2

Suspended mounting instructions

1. The DL4000 can be suspended using the fixing points marked as "B" in the rear moulding
2. Connect a suitable M6 fixing anchor in all four corners. **Fig. 3**
3. The DL4000 can be suspended using a suitable chain or other material capable of carrying the weight of the unit. The DL4000 weighs 3.9KG

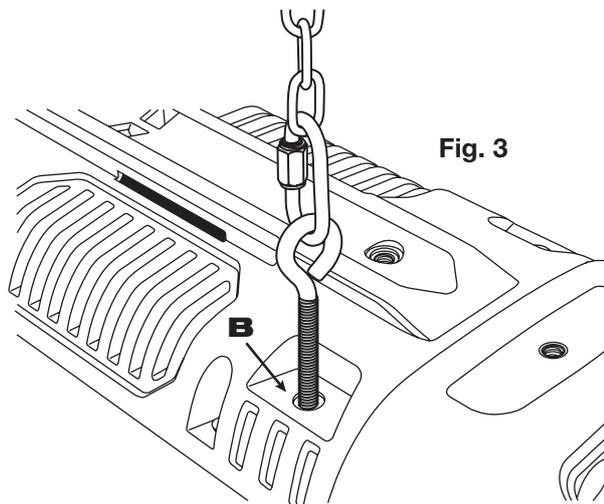


Fig. 3

4. Note the fixing point are only designed to carry the weight of the product and cable. Do not apply any additional load to the unit.
5. The M6 fixing points are 10mm in depth. Do not over-tighten as this may cause damage to these fixing points.

It is recommended that all fixing anchors are secured in position to prevent slackening in use. This could be in the form of an adhesive thread lock to secure the fitting or a secondary lock nut.

Rail Mast Mounting

The DL4000 can be mounted onto a rail mast - sold separately - part no. E712685.1

The rail mast kit features a base, mast and mast bracket. The bracket is secured in position at fixing points "A" on the rear mounting Fig. 1

MAINTENANCE

A daily check is recommended to inspect for any physical damage or abrasions to the power cables. Ensure there is no visible damage to the DL/DC4000, fixings or mountings and that all connections to the power source are operational.

SPECIFICATION DATA

VOLTAGE - INPUT CHARGING	90-264V~ AC
PART NUMBER	DC4000 E712686 DL4000 E712685
DESCRIPTION	DL4000 DC4000 LED Linkable lights
FREQUENCY	50/60Hz
PLUG TYPE AND COUPLER	110v 16A BS EN 60309
LAMP TYPE	104 X SAMSUNG LEDS
DIMENSIONS (LxWxD)	DC4000 780 x250x130mm - DL4000 780x180x80mm
CLASSIFICATION	IP44
OPERATING TEMPERATURE	-10°C ~ 40°C
WEIGHT	DC4000 4.1KG - DL4000 3.9KG
CABLE	1.5mm 3G H05RN-F