

Selecon OPERATION MANUAL

IMPORTANT NOTE:
Before discarding the packaging, please ensure you have the suspension bolt set, colour frame and /or the lamp. The packaging is recyclable, please dispose of it responsibly.



ACCLAIM FRESNEL & PC



Etl Listing
Pending

THANK YOU FOR PURCHASING A SELECON ACCLAIM LENS LUMINAIRE. SELECON HAS DESIGNED THIS LUMINAIRE TO PROVIDE YOU WITH A SUPERIOR FITTING IN PERFORMANCE, DESIGN AND ENGINEERING AND WE ARE CONFIDENT THAT IT WILL PERFORM TO YOUR EXPECTATIONS FOR MANY YEARS TO COME.

Unpack and check your luminaire to ensure it has been received in good order. If the luminaire is damaged, do not install and contact your dealer.

This manual will provide you with information to assist you in making maximum use of your luminaire, its maintenance and care. If you would like further assistance please contact your Selecon dealer or Selecon.

Caution!

Installation is entirely at your risk. Read this manual from cover to cover before attempting installation. Do not attempt installation unless you are suitably qualified. If you do not understand a point in this manual, don't guess. Don't take short cuts. If in doubt, stop! Contact Selecon or one of its authorised distributors for advice. Don't be afraid to ask for help.

Handling Notice:

The innovative use of new thermoplastic materials for the new model Acclaim Fresnel and PC front and rear isolates the considerable heat generated by the lamp away from those areas which are used when focusing, which has to be done when the luminaire is on. This means that the focus knob, rear grab handle and accessories slot can be handled without the use of gloves.



However, the original Acclaim Fresnel and PC CANNOT BE HANDLED AT ALL when the luminaire is on without the use of gloves.

The new model Acclaims are instantly identified by the integrated safety bond design feature however if in any doubt at all
- **PLEASE USE GLOVES TO AVOID POSSIBLE BURNS.**

Important!

Please read this manual from cover to cover before attempting to install, operate or maintain the luminaires to which it relates. It contains important installation, operating, maintenance and safety procedures which you, the customer must strictly comply with.

Along with such procedures mentioned in this document, the customer should also observe such other procedures generally applicable to lighting equipment.

Please follow the instructions in this manual. Selecon accepts no responsibility if the customer fails to do so.

For each customer, operating conditions will vary, sometimes greatly. Such variations may affect the luminaires' performance. Selecon has no control over the customer's unique operating environment. Hence, Selecon makes no representations or warranties concerning the luminaires' performance under the customer's actual operating conditions. All operating parameters must be validated for each customer application by the customer's technical experts.

If the customer does not follow the installation, operating, maintenance and safety procedures in this manual, as well as those generally applicable to lighting equipment, the luminaire may not perform as expected. More seriously, it may cause property damage, personal injury or other losses.

Selecon accepts no liability for direct, indirect, incidental, special, or consequential damages resulting from the customer's failure to follow the installation, operating, maintenance and safety procedures in this manual or those generally applicable to lighting equipment. The foregoing limitation extends to damages for personal injury, property damage, loss of operations, loss of profits, loss of product or loss of time, whether incurred by the customer, the customer's employees or a third party.

Selecon used all due care in preparing this manual. However, Selecon accepts no liability for errors or omissions. Selecon reserves the right to change the specifications of its luminaires, or the information in this manual, without necessarily giving its customers notice thereof.

Installation, operation and maintenance are entirely at the customer's risk.

Selecon's luminaires should be installed, operated and maintained by suitably qualified personnel. Such personnel should have previous experience with lighting equipment as well as general electrical experience.

This manual is intended to provide general guidance to such suitably qualified personnel. For specific guidance and technical support, contact Selecon or its authorized representative.

Information in this manual shall not be deemed a warranty, representation or guarantee concerning a luminaires' suitability or fitness for a specific purpose.

Subject to the right to use its luminaires, Selecon does not convey any right, title or interest in its intellectual property, including, without limitation, its patents, copyrights and know-how.

Safety Warnings:



Not for residential use.



CAUTION – DANGER OF BURNS - avoid contact by persons or materials.

Some parts of this Acclaim luminaire will get very hot during use including the aluminium body and the integrated safety bond, please use leather gloves and take care when handling to avoid burns.



SAFETY - Mains Power Isolation: The Acclaim range is fitted with a micro-switch that automatically disconnects the mains power when the lamp holder is removed. However, it is also recommended that the luminaire always be electrically isolated from mains power before re-lamping, cleaning or servicing.



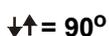
CAUTION: Risk of fire –maximum wattage lamp: 650W.



This luminaire is not suitable for outdoor use. They are rated at IP00.



The luminaire should be at least 1.5m / 5ft away from the nearest object it is lighting.



The Acclaim range can be operated only through a range of angles 90° either side of horizontal.



First Time Use:

When using your fixture for the first time, there is a “burn in” period. Light smoke caused by the evaporation of assembly lubricants will be produced. This is a temporary effect that will cease when the lubricant has fully evaporated.

Mounting your luminaire:

A Safety bond MUST always be used when rigging luminaires on bars, ladders etc.

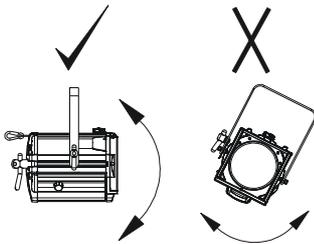
- The **Acclaim Fresnel and PC** has an integral safety bond that can be retracted into the luminaire when not in use. To use the safety bond, loosen the safety bond locking clamp located on the top of the lamphouse, pull the clip out from the rear of the lamphouse, and loop the safety bond around the bar fastening the clip onto the safety bond.

To replace the safety bond, remove the rear lamphouse moulding, slide out the safety bond locking clamp, and pull out the safety bond, taking care to retain the safety bond loop bar. Reverse the process with a new safety bond. Replace only with the approved safety bonds available from Selecon or your distributor.



WARNING: the integrated safety bond will get very hot during use, please take care in handling when the luminaire is on.

Please be careful to allow sufficient slack to allow the luminaire to be focused freely.

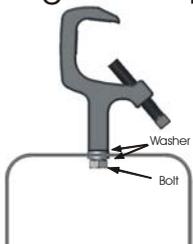


This luminaire uses a theatre lamp with a grid filament. To avoid premature lamp failure it is essential that the luminaire is always mounted so the yoke is horizontal and with the lamp base down, i.e. the lamp adjustment knob is at the bottom of the rear lamp plate.

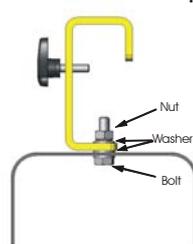
Please note also that the maximum tilt angles of the luminaire are 90° either side of horizontal.

Fitting a suspension clamp to theatre standard (48mm / 1 29/32" O.D.) pipe

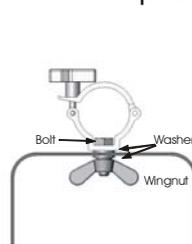
Mega Clamp



Hook Clamp



Half Coupler



Your luminaire is supplied with an M12 set screw, two washers and a nut.

Pass the set screw through the yoke hole from the inside, put on a washer, then the hook clamp, another washer and then tighten the nut.

If you are not using the set screw, washers and nut, please dispose of them responsibly.

To mount on a telescopic stand

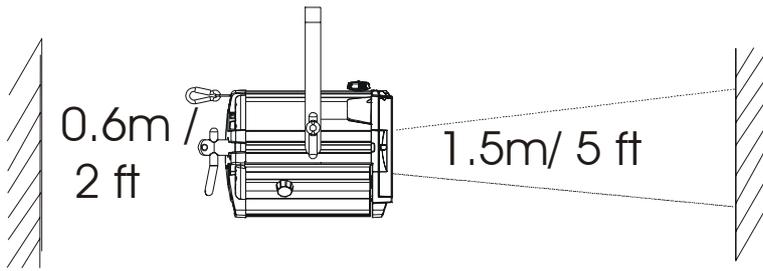
Reverse the yoke under the luminaire and bolt the stand's spigot onto the set screw.

Yoke Pivot Adjustment

The yoke on the Acclaim range can be positioned anywhere in the channel that runs the length of the luminaire. This is useful to achieve the best balance if using a colour changer or other accessory mounted on the front of the luminaire, or to fit the luminaire in space restricted positions.

The yoke balance point is factory set on the lamp house for normal applications. To move the yoke, loosen the M8 bolt at the bottom pivot point of the yoke on the right side of the luminaire. Release the tilt locking clamp on the left side of the luminaire, and slide the yoke to the required position. Check the yoke is evenly positioned on each side and tighten the M8

bolt, and the tilt locking clamp. To return the yoke to its original balance point, align the yoke to the balance point marked on the focus reference scale.

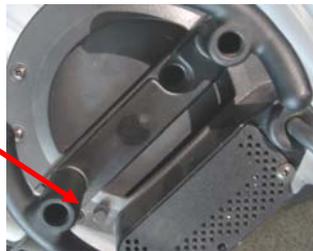


The luminaire should be at least 1.5m / 5ft away from the object it is lighting.

The rear of the luminaire should be no closer than 0.6m / 2 ft away from a surface.

Earth Test Point - located on the rear housing of the Acclaim luminaire; to test the earth - place the test probe where indicated, and perform the earth test.

Older model Acclaim Fresnel and PC
Earth test point on the rear of the luminaire.



June 2007 – NEW MODEL Acclaim Fresnel and PC
Earth test point clearly marked with the 'earth' symbol on the rear of the luminaire.

Lamps and Lamping Procedure:

Lamp base / socket = G.Y. 9.5

220V – 240V		120V	
M38	300W, 2000hrs av. life - display lamp	FRE	650W, 400hrs av. life - theatre lamp
M40	500W, 2000hrs av. life - display lamp	FRK	650W 200hrs av. life - studio lamp 3200K
T/25	500W, 500hrs av. Life – theatre lamp	JCS120V-575WC	575W, 300hrs av. life 3200K
T/26, T/27	650W, 600hrs av. life - theatre lamp	JCS120V-575WX	575W, 1500hrs av. life 3200K
CP82	500W, 180hrs av. life – studio lamp 3200K		
CP 89	650W, 180hrs av. life - studio lamp 3200K		



Disconnect from the mains supply before lamping. Be aware also that the lamp or fixture may still be hot, so exercise the necessary caution to avoid burns.
Please dispose of any lamps as per the manufacturer's instructions.

Access to the lamp is by the bottom-hinged door, which is fastened with a side clip. Push the clip to release the door. Use the ejector to remove the failed lamp.

Align the pins of the new lamp to the correct holes (they are different sizes) and push the lamp firmly home. Do not touch the quartz envelope of the lamp with your fingers – use the plastic sheath supplied to insert the lamp. Close the door and reconnect the luminaire to the power supply.

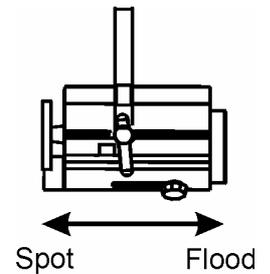


Focusing:

The cone of light is adjusted by first loosening the focus knob on the side of the luminaire and then sliding it towards the front or rear. This moves the lamp and reflector in relation to the lens – forward increases the beam angle (flood), moving the lamp to the rear narrows the beam angle (spot).

Take care to move the focus adjustment carefully as the lamp filament is burning white hot and is at its most vulnerable. Don't over-tighten the focus knob finger tight pressure is all that's required.

When focusing, first spot the beam down, position the luminaire and then flood the beam to cover the area required. The beam can then be shaped using the barndoor accessory (Order Code 20BDMF).



Pan and Tilt Adjustment:

To pan the luminaire, loosen the wingnut and adjust, then retighten. To tilt, loosen the locking clamp handle on the side of the luminaire, tilt and retighten finger tight.

The tilt lock friction is set by the nylock nut that secures the yoke on the opposite side to the tilt handle. The tilt friction can be adjusted by loosening or tightening up the nylock nut.

Using the Barndoor Accessory:

The barndoor accessory fits into the front slot of the colour frame holder. It can be rotated to set the mask angle you require. The barndoor shapes the light beam by masking part of it. It is effective from a medium beam to flood. In spot focus the barndoor acts only to reduce visible glare.



Cleaning - wipe the lens and reflector with a soft rag to remove accumulated dust.

Accessories:

Suspension Hookclamp (Order Code 20HC)

Mega Clamp

Four door rotatable Barndoor (Order Code 20BDMF)

FFT Tilt Assembly

Colour Frame – each luminaire is supplied with a 125mm (4 7/8 inch) square colour filter holder. Additional colour frames are available (Order Code 20CFMF)

Half Coupler

Lens Safety Mesh (Order Code 15ACSM)

FFT Pan Assembly

Safety and Maintenance:

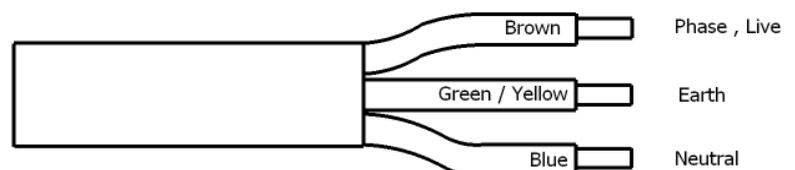
Selecon has manufactured this luminaire in accordance with recognised best practices to recommended international safety standards. It is your responsibility to maintain this luminaire in good and safe working condition.

Repairs should only be carried out by suitably qualified persons. Do not operate the luminaire with cracked lens, damaged cable, etc. Consult your Selecon distributor for assistance. Only replace with damaged parts with authorised Selecon spares.

N.B. Luminaire cables – your Selecon luminaire is fitted with special heat resistant flexible cable, replace with genuine Selecon spare part cable kit only – refer to your Selecon distributor. (Replacement cables are supplied complete with necessary terminal connectors).

Cable conductor colour codes:

ONLY FIT A PLUG IF YOU ARE A SUITABLY QUALIFIED TECHNICIAN



LIMITED WARRANTY

Selecon New Zealand Ltd. (“Selecon”) warrants its products against defects in materials or workmanship. The term of this warranty is based on the product usage and is from the date of delivery.

Usage – Entertainment, Theatre Term - Three Years

Entertainment, Theatre relates to the typical conditions found in a theatre performance venue viz: 4 – 6 hrs per day, six days per week.

This warranty is void in any of the following circumstances: (a) The fixture has been misused, neglected, damaged or abused. (b) The fixture has been improperly installed, operated, repaired or maintained. (c) The fixture has been modified. (d) The fixture has been connected to other equipment with which it is not compatible. (e) The fixture has been used or stored in conditions outside its electrical or environmental specifications. (f) The fixture has been used for purposes other than for which it was designed. (g) The fixture has been used outside its stated specifications and operating parameters.

Correct installation of the luminaire is the owner’s responsibility.

To assert a warranty claim, complete Selecon’s return authorisation form (available from Selecon). Return the luminaire to Selecon or its authorised agent.

If Selecon accepts the warranty claim, Selecon will provide, or arrange for, service, repair or replacement as Selecon shall determine in its sole discretion. Selecon shall bear the cost of such service, repair or replacement. However, the owner shall bear the cost of freight and insurance on the luminaire, both ways. If Selecon does not wish to service, repair or replace the defective luminaire, it shall refund the purchase price.

Selecon’s sole responsibility is to repair, replace or service a luminaire subject to a valid warranty claim. Under no circumstance will Selecon be liable for direct, indirect, incidental, special or consequential costs or damages, including dismantling and re-installation costs, loss of operations or profits, to the maximum extent permitted by law.

Selecon accepts no liability for personal injury or property damage resulting from failure to heed relevant operating and safety procedures specified by Selecon or imposed by law.

This is an express warranty. Selecon disclaims any other express or implied warranties, including warranties of merchantability or fitness for purpose, to the maximum extent permitted by law.

Some jurisdictions do not allow limitations or disclaimers of implied or statutory warranties. Some jurisdictions do not allow disclaimers or exclusions of consequential or incidental damages. Therefore, the above disclaimers, limitations and exclusions may not apply in all jurisdictions in which Selecon sells its luminaires.

This warranty gives the owner specific legal rights. The owner may have other rights or remedies pursuant to the laws in its territory. Nothing in this limited warranty should be construed as limiting or restricting any other statutory right or remedy of the owner, except for such limitations or restrictions herein as may be allowed by the law of the territory.

Selecon has a policy of continual product improvement and specifications are subject to change without notice.

SELECON DISTRIBUTOR NETWORK

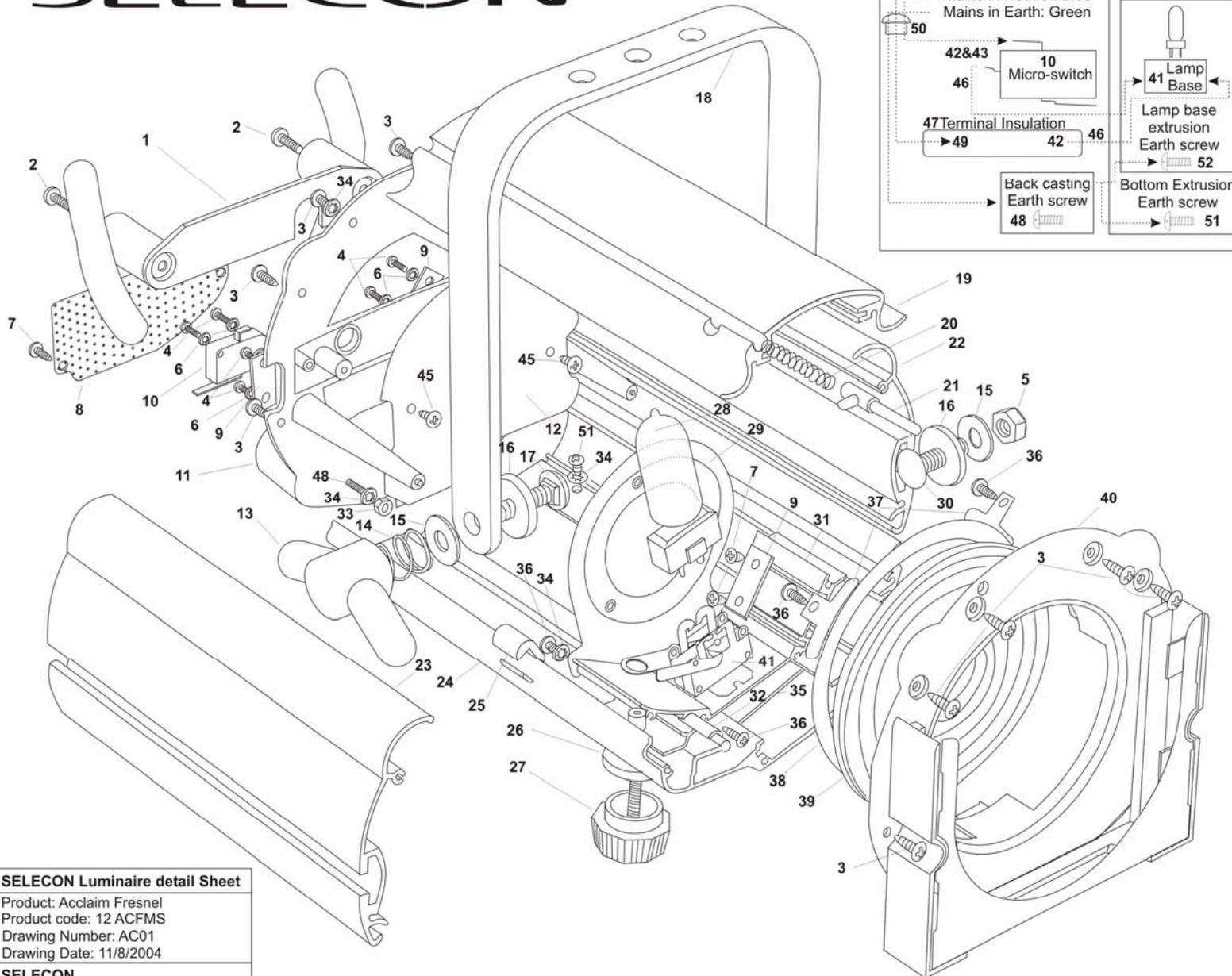
Your Selecon distributor is a theatre professional with a broad knowledge of understanding of performance requirements. Most can offer you a full service including not only stage lighting equipment but all your theatre needs including curtains, scenic paint, sound equipment as well as supplies of lamps, filter, gaffer tape, etc.

The Selecon dealer network is an international group of lighting professionals throughout North America, Australasia, Asia and Europe.

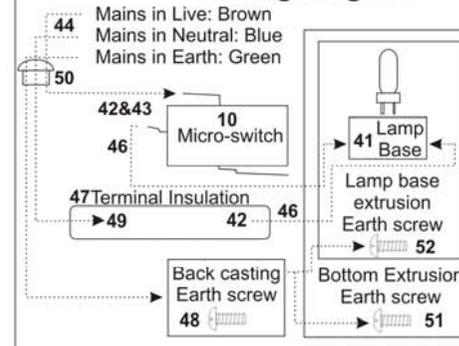
Manufacturer

Selecon New Zealand, 19-21 Kawana Street, Northcote, Auckland 0627, New Zealand
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www.seleconlight.com, E-mail: info@seleconlight.com

SELECON



Wiring Diagram



ACCLAIM Fresnel 650

No	Code	Description
1	ACCPA002	Acclaim Rear Handle
2		Screw M4 x 16 PP
3		Screw 6 x 1/2 STMB Mushroom
4		Screw M3x16 self tapping
5		M8 nylock nut
6		Washer M3 Shakeproof
7		Screw 8 x 3/8 Pan Poz
8	ACCST005	Switch Cover
9		Cable Clamp
10	COMELE001	Micro-switch
11	ACCAS001	Acclaim Back casting
12	ACCST014	Acclaim rear light baffle
13	ACCPA001	Acclaim side handle
14	ACCSPR005	Acclaim locking clamp spring
15		Washer 21mm o/d x 1.6 Flat
16		Washer M8 Fibre
17		Yoke bolt M8 x 30 cup head
18	ACCYOK001	Acclaim Fresnel Yoke
19	ACCST002	Acclaim top extrusion
20	ACCSPR001	Gel frame retention pin spring
21	ACCMET009	Gel frame retention pin
22	ACCST008	Acclaim side/ door extrusion
23	ACCST003	Acclaim side extrusion
24	ACCST004	Acclaim door extrusion
25	ACCST007	Acclaim door clip extrusion
26		Red fibre Thrust washer
27	COMPLA001	Lamp tray knob, Hi temperature
28		Lamp T27 or equivalent
29	ACCREF001	Reflector assembly
30		Yoke bolt M8 x 25 Cup-head
31	ACCST005	Lamp tray extrusion
32	ACCST001-1	Acclaim lamp tray bearing
33		M4 Hex nut
34		Washer M4 Shakeproof
35	ACCST015	Acclaim bottom light leak baffle
36		Screw 6 X 3/8 STMB Mushroom
37		lens ring clip
38	ACCSPIN007	Acclaim F Lens retaining ring
39	ACCLEN001	Fresnel 650 4.5" Lens
40	ACCAS002	Acclaim Front casting
41	ACCLE002	Lamp base G.Y.9.5
42		Terminal spade type Female
43		Terminal Insulator
44	ACCLOOM003	3 core .75mm silicon cable
45		Screw 6 x 1/4 s/tapper
46		SD550 Insulating Sleeve
47		Connector Insulation Box
48		Screw M4 x 12 PP
49		Terminal spade type Male
50	COMPLA004	Acclaim Trumpet Cable Gland
51		Screw M3 x 8 Thread Forming
52		Screw M3.5 x 10 Thread Forming

SELECON Luminaire detail Sheet

Product: Acclaim Fresnel
Product code: 12 ACFMS
Drawing Number: AC01
Drawing Date: 11/8/2004

SELECON

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Internet: www.seleconlight.com

To order spare parts, please quote the Drawing Number and the Part Number