



# SELECON

## ACCLAIM AXIAL ZOOMSPOT

### OPERATION MANUAL



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

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.

**IMPORTANT NOTE:** Before discarding the packaging ensure you have the suspension bolt set, colour frame & /or the lamp.

#### ***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 authorized distributors for advice. Don't be afraid to ask for help.***

#### **Important!**

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. The customer must strictly comply with them.

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

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 it's 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: Hot Surfaces, avoid contact by persons or materials.

The Acclaim has some hot surfaces. Be careful to avoid burns. We suggest the use of leather gloves when focusing these luminaires.



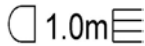
SAFETY - Mains Power Isolation: The Acclaim range is fitted with a micro-switch that automatically disconnects the mains power when the lamp holder is removed. However, it is also recommended that the luminaire always be electrically isolated from mains power before re-lamping, cleaning or servicing.



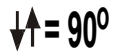
CAUTION: Risk of fire - Use with max 650 watt lamp



These luminaires are not suitable for outdoor use. They are rated at IP00



The luminaire should be at least 1.0 metres 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.

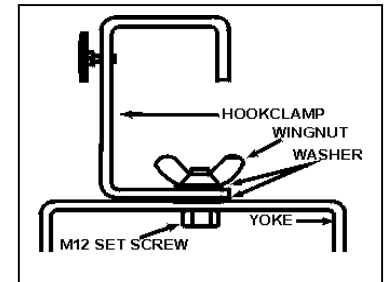
## Mounting your luminaire

A safety bond **MUST** always be used when rigging luminaires on bars, ladders, etc. The safety bond is passed through the luminaire lamp-house anchor hole located at the rear of the luminaire and around the bar. This is the only recommended anchor point for the luminaire. Be careful to allow sufficient slack to allow the luminaire to be focused freely.

Please note also that the maximum tilt angles of the Acclaim Axial Zoomspot is 90° either side of horizontal.

### To mount on a theatre standard scaffold pipe

(48mm / 1<sup>29</sup>/<sub>32</sub>" O.D.) Use a theatre hookclamp (Order Code: 20HC). 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 hookclamp, another washer and then tighten the nut.



### To mount on a telescopic stand

Reverse the yoke under the luminaire and bolt the stand's spigot onto the set screw. (Stand Order Code: STDTH)

### Adjustable Yoke

Adjustable yoke – The position of the yoke can be altered to anywhere along the length of the luminaire lamphouse. To move the yoke, loosen off the T-locking tilt handle and the M8 nylock nut on the opposite side. Also loosen the 2 screws on the Yoke locking disc on the handle side of the luminaire. Slide the yoke to the desired position and tighten the M8 nut, screws and T-handle taking care to check that they are opposite each other.

**Please note that as the handles and knobs on the Acclaim range can reach high temperatures depending on the position or orientation of the luminaire. Gloves should always be worn when focusing these luminaires.**

## Lamps

220 – 240V		115V	
GKV	600w, 400hrs av. life - theatre lamp.	GLC	575w, 400hrs av. life - theatre lamp.
GLB	600w, 1500 hrs av. .life – display lamp	GLA	575w, 1500hrs av. life - display lamp

Isolate electrically before re-lamping the luminaire. Also be aware that the lamp or luminaire may still be hot, so exercise necessary caution to avoid burns.

**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: **Brown** - Phase, Live  
**Blue** -Neutral, return  
**Green/Yellow** -Earth

## Operation

### Lamping Procedure

Remove the rear casting by loosening the 2 thumbscrews on the rear of the casting. Gently remove the old lamp. Align the pins of the new lamp to the holes in the lamp socket 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. Replace the casting and tighten the locking screws. Reconnect the mains power. **Always take great care when making adjustments to the lamp, as its filament is fragile.**



### 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.

### Focusing your Zoomspot

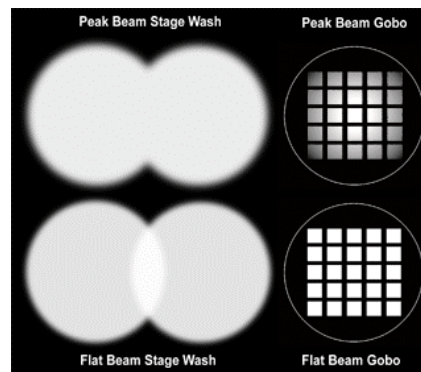
The variable beam of your Zoomspot is altered by adjusting the front and rear lens in relation to each other. The front lens defines the beam spread; the rear, the focus degree or softness or sharpness of the beam edge or shutters. Finger tight pressure is only necessary to lock the lens off in their chosen positions. Note: for a sharp edge on the wide zoomspot, set the front lens about 70mm from the front of the slot and then adjust the rear lens until you have a hard edge.



### Peak/Flat Light Distribution

The lamp position can be altered to peak or flatten the light output of Zoomspots. The peak beam gives a central hot spot falling off evenly to the beam edges. This setting is useful for normal stage lighting purposes where beams are overlapped to achieve an even cover. Flat adjustment provides a visually even light beam suitable for gobo projection. Take care to move the lamp carefully as the lamp filament is burning hot and at its most vulnerable.

- Point luminaire at blank white wall 4-8 metres (12 – 15 feet) away and focus light to narrow angle – front lens forward rear lens back. To obtain sharp focus adjust rear lens only.
- Adjust lamp peak/flat knob until you reach the desired distribution.
- If the 'peak' is not in the centre of the beam then slowly turn one of the three Lamp Tilt Gears to move the 'peak' into the centre of the beam.



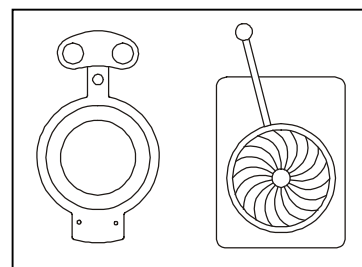
### Pattern Projection

The rotatable pattern holder comprises the holder and a spring clip to hold the pattern flat against the holder. The holder can be rotated in the slot to align the image as required on the stage.

**NOTE:** The Acclaim range uses 'M' size patterns, with an image diameter of 50mm

The accessory mounting slot will also house an adjustable Iris or a motorised Gobo holder (Rosco/ DHA RTR008).

To mount the accessory in the aperture slot ensure the pattern spring clip is facing to the front of the luminaire and slide into the slots formed as part of the shutter plates.



### Shutter System

The shutters are used to mask a portion of the beam shaping it, masking light off scenery, curtains, etc. Your Acclaim profile features non-removable shutters whilst still providing a very wide range of masking angles.

Remember the optical system inverts all images at the gate, i.e. the top shutter on the luminaire masks the bottom part of the light beam.

**NOTE: Do not run the luminaire with all the shutters closed, as this may cause the luminaire to over-heat.**

### Interchangeable Lens Trays

The variable lens tray assemblies are interchangeable so you can change a 18-34 luminaire to a 24-44. Open the tray, with the tray hanging down, lift up and out to free the hinge.



## Maintenance

Lens - The assembly can be removed out of the luminaire, clean with a soft cloth. To remove baked on dust use a window cleaner. This is only maintenance task which can be safely carried out by non approved personnel. Refer below – safety & maintenance note.

## Accessories

Suspension Hookclamp	(Order Code 20HC).	Interchangeable lens tray - Standard	(Order Code 15ACLTS)
Safety Chain	(Order Code 20SC)	Interchangeable lens tray - Wide	(Order Code 15ACLW)
Lens Safety Mesh	(Order Code 15ACSM)	Colour Frame – each luminaire is supplied with a 125mm (4 7/8 inch)	
Rotatable gobo holder	(Order Code 15ACGH)	square colour filter holder. Additional colour frames are available	
Adjustable Iris	(Order Code 15ACIRIS)		(Order Code 20CFMF)

## 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.

### Limited Warranty

**Selecon New Zealand Ltd. (“Selecon”) warrants its luminaires 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.

#### **Usage – Architectural, Display Term - One Year**

Architectural, Display relates to typical usage such as display lighting in a Museum viz:

10 – 12 hrs per day, seven days per week.

#### **Other – ALL Electromechanical / Electronic Devices Term - One Year**

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

Your distributor is: -

### **Manufacturer**

Selecon New Zealand 19-21 Kawana Street, Northcote, Auckland, New Zealand

Ph: 64 9 481 0100, Fax: 64 9 481 0101,

Internet: [www.seleconlight.com](http://www.seleconlight.com) Email: [selecon@seleconlight.com](mailto:selecon@seleconlight.com)