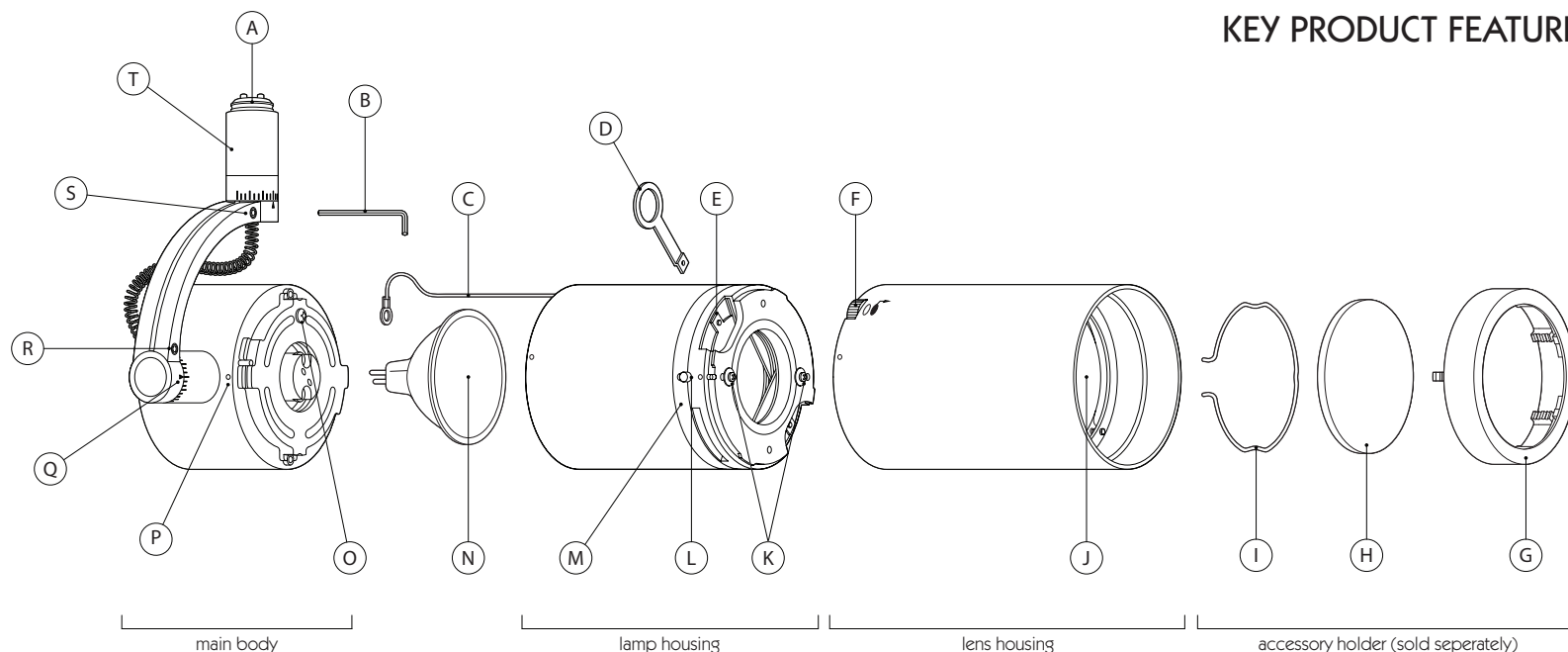


IMPORTANT SAFETY INFORMATION

READ ALL INSTRUCTIONS BEFORE USING THESE PRODUCTS. SAVE THESE INSTRUCTIONS FOR LATER REFERENCE.

1. All systems must be installed by a suitably qualified professional only. Installations must conform to national installation and accident prevention regulations.
2. Do not install any fixture closer than 150mm from any combustible material. Do not install these products in a damp or wet location.
3. To reduce the risk of fire and burns, do not install these products where exposed bare conductors can be shorted or contact any conductive materials. Do not conceal or extend exposed conductors through a building wall.
4. Ensure all connections are tight. Bad connections can cause overheating, arcing and a potential fire risk.
5. We recommend using OSRAM 50W 10° lamps (44870SP). Ensure they are fitted securely.
6. Use only as described in this Precision Lighting manual.
7. Use only Precision Lighting recommended accessories. Ensure that the luminaire is switched off at mains supply before touching.
8. Luminaires may be extremely hot, allow to cool before touching.
9. These are low voltage luminaires, they must be connected to an appropriate transformer.
10. Regular cleaning of these products is important. Switch off at mains supply and allow to cool before touching. Clean fittings with a soft damp cloth and allow to dry before reconnecting power supply.



KEY PRODUCT FEATURES

- | | | | |
|------------------------|------------------------|------------------------------|---------------------|
| A. jack plug connector | F. focusing wheel (2) | K. gobo retaining screws (2) | P. alignment guide |
| B. 2mm allen key | G. accessory holder | L. release knob | Q. angle gauge |
| C. safety leash | H. accessory (up to 2) | M. gobo rotator | R. tilt lock |
| D. framing arm | I. accessory clip | N. QR-CBC 51 lamp | S. pan lock |
| E. shutter (4) | J. focusing lens (2) | O. leash screw | T. jack plug collar |

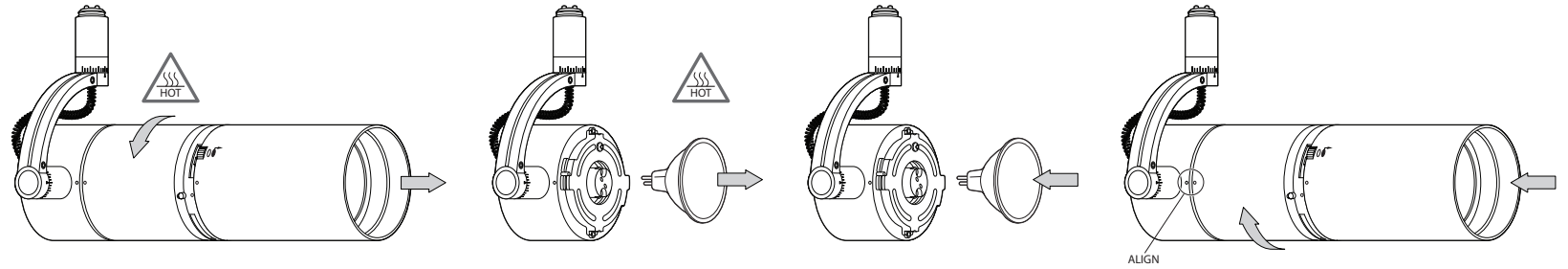
1. Replacing the luminaire's lamp.

CAUTION lamp and lamp housing may be extremely hot. Allow to cool before touching.

- Twist lamp housing anti-clockwise and remove.
- Replace failed lamp, ensuring it is connected securely.
- To reattach lamp housing, align indicators as shown and twist clockwise until you hear a click.

NOTE for optimum performance use Osram QR-CBC 51, 50W 10° (44870SP)

1.



2. Attaching the safety leash.

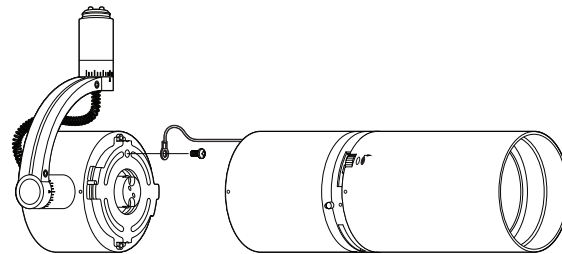
- Remove lamp housing as indicated in section 1.
- Attach leash using leash screw on main body.
- Replace lamp housing as directed in section 1.

NOTE ensure safety leash is contained within lamp housing before reattaching to base.

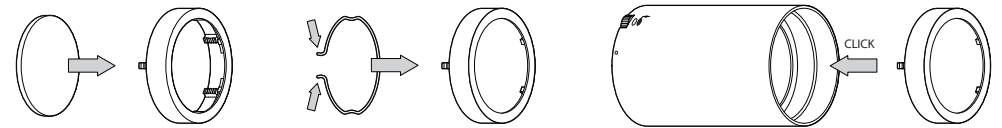
3. Installing accessories using the accessory holder

- Fit up to 2 accessories into accessory holder.
- Secure accessories in place using retaining clip.
- Insert accessory holder into lens housing until it clicks into place.

2.



3.



4. Locking the luminaire in Pan and Tilt.

- Adjust luminaire to desired position, using angle gauge if required.
- Lock luminaire position using 2mm Allen key provided.

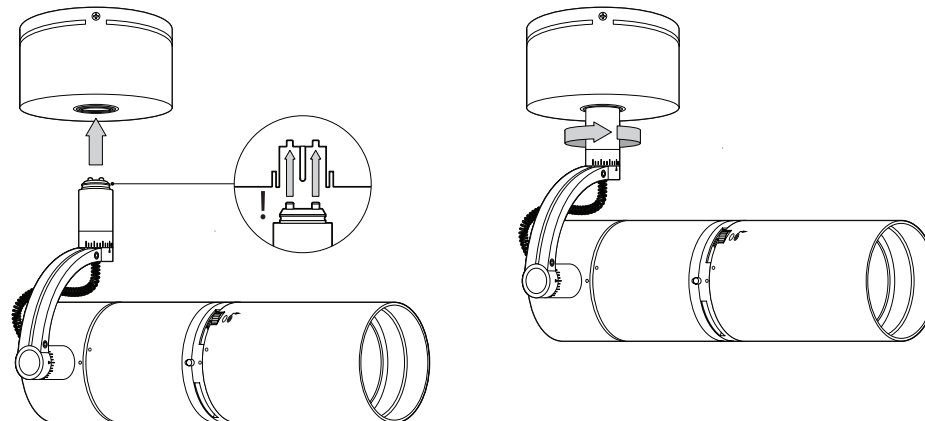
NOTE only adjust luminaire position when unlocked.

5. Installing the luminaire using Jack Plug connector.

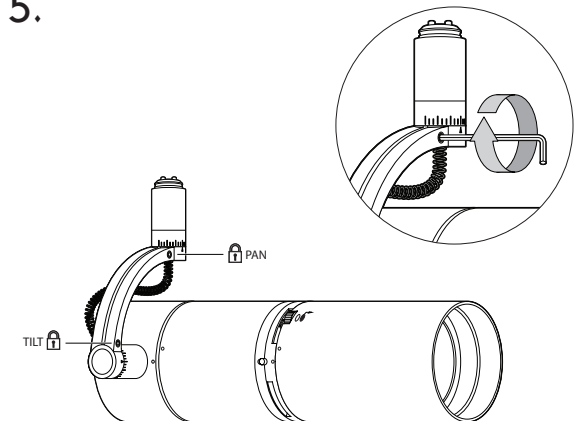
- Insert jack plug into monopoint or track system ensuring locking screws are aligned.
- Rotate jack plug collar until projector is securely fastened.

NOTE power monopoint shown, actual system may vary.

4.



5.



6. Installing a gobo pattern (optional).

- i. To remove lens housing, slide release knob back and twist lens housing anti-clockwise.
- ii. Secure gobo in place using retaining screws and reattach lens housing.
- iii. To revolve pattern, rotate lens housing to required position.

NOTE not necessary for operation. For best results always use a pattern with a matt black finish.

7. Framing the beam using shutter plates.

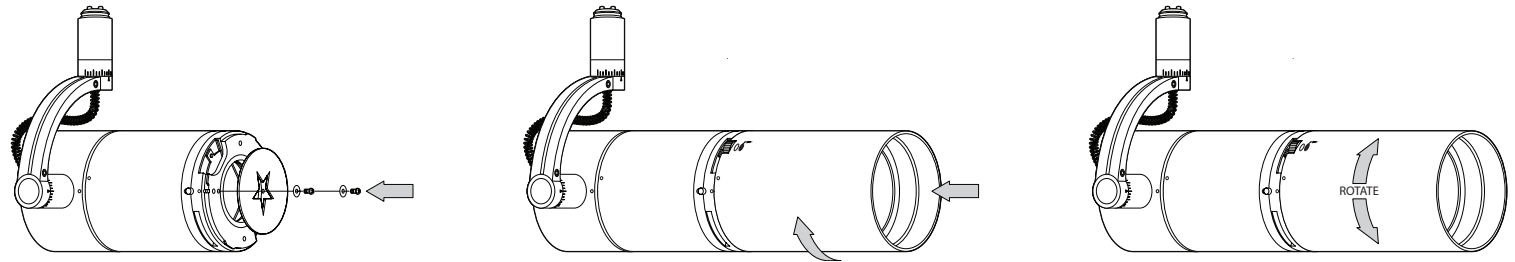
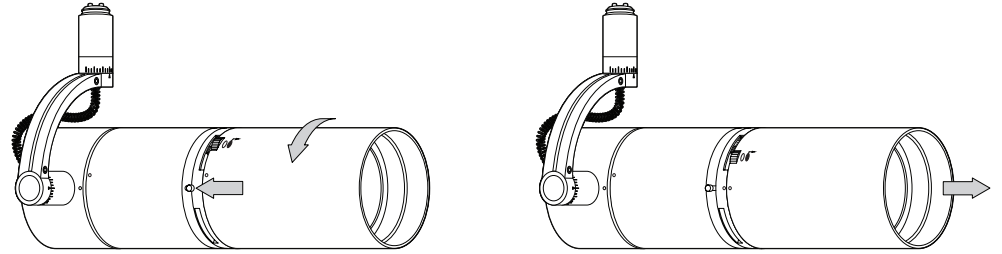
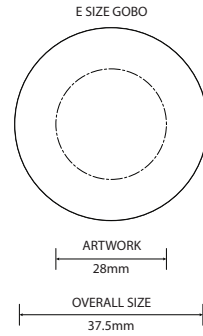
- i. Connect the framing arm to the shutter plate as indicated.
- ii. Use the framing arm to position each shutter plate individually.

NOTE the framing arm should be removed to maintain the aesthetic of the product.

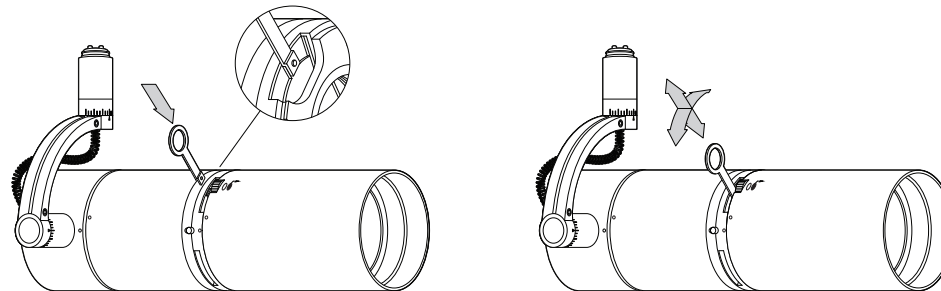
8. Focusing and resizing the beam

- i. The lens housing contains two lenses used to focus and resize the beam.
- ii. These lenses can be moved forwards and backwards using the two focusing wheels.
- iii. For more information please see Section 9 - "Operating the Evo Projector".

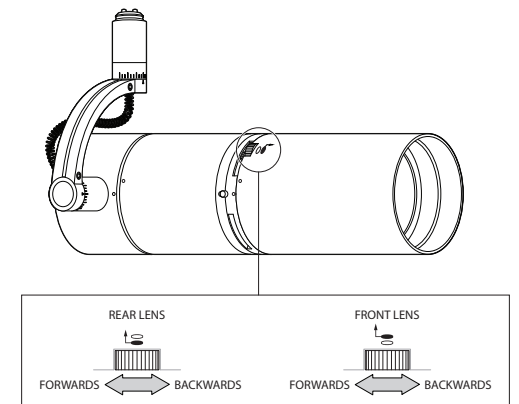
6.



7.



8.



9. Operating the Evo Projector.

The table opposite states the minimum and maximum frame sizes possible at set distances. These sizes are achieved by moving the front and rear lenses:

Maximum

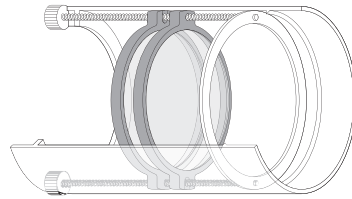
- Position rear lens at midpoint of lens housing.
- Move front lens back to centre and adjust to focus.

Minimum

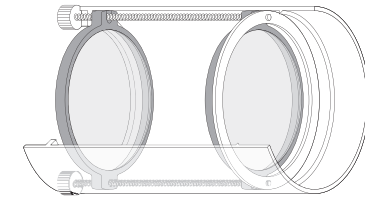
- Extend both lenses to their front and rear limits.
- Adjust rear lens to focus beam.

NOTE shutter plates can be used to increase or decrease the size of the frame depending on your personal requirements.

FRAME SIZES



maximum frame size

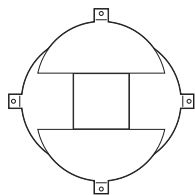


minimum frame size

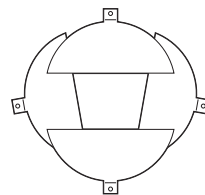
DISTANCE (m)	FRAME SIZE (m ²)	PEAK LUX (lx)	AVERAGE LUX (lx)	FRAME SIZE (m ²)	DISTANCE (m)
1.0 m	0.52 m ²	1660 lx	1410 lx	0.38 m ²	1.0 m
1.5 m	0.77 m ²	820 lx	680 lx	0.55 m ²	1.5 m
2.0 m	1.02 m ²	450 lx	390 lx	0.74 m ²	2.0 m
3.0 m	1.53 m ²	205 lx	180 lx	1.10 m ²	3.0 m
4.0 m	2.05 m ²	110 lx	90 lx	1.45 m ²	4.0 m
5.0 m	2.60 m ²	80 lx	58 lx	1.85 m ²	5.0 m

frame sizes based on projecting square on aperture open fully.

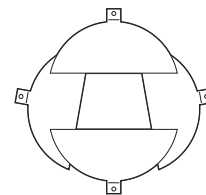
FRAMING ANGLES



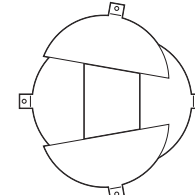
square on



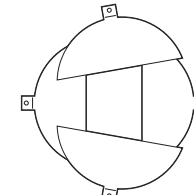
above



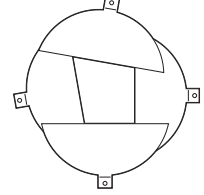
below



left



right



combination