

# Three Phase Track Mounted Luminaires

# neo

## Fresnel & Profile

## Installation instructions



### Warning and safety information

1. This luminaire is only for interior use, in dry location.
2. Please ensure that the fixture has enough space for heat dissipation.
3. Neo 230V series are not mains dimmable. Ljusdesign does not take responsibility if the product fails due to the use of external dimmers.
4. Please always refer to the label affixed to the luminaire for the recommended operating conditions.



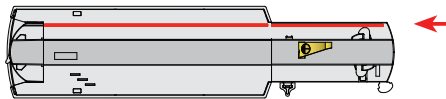
Ljusdesign

# Mounting

Analog and DMX (AH/AHX) has universal adapter that fits most 3 phase tracks.  
Dali (AHD) can only be fitted on PULSE-track or equivalent.  
Casambi (AHC) is made for XTS and XTSC track.



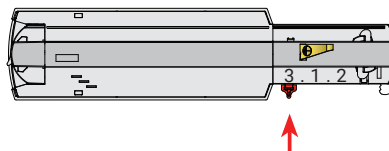
- 1. Insert luminaire into the track.**  
The adapter has raised edges to align to the track so it will only fit one way.



- 2. Secure the luminaire by turning the two locking levers on each side.**  
If the levers cannot be turned, the luminaire may be fitted the wrong way.



- 3. Phase circuit selector**  
Set up the phase, 3.1.2  
The dots symbolizes "OFF"



- 4. Adjust the brightness with the potentiometer**

Applicable only to DMX and Analog versions.

# Operational

Pan and tilt lock makes it easy to lock the luminaire in a fixed position.



## 5. Tilt lock

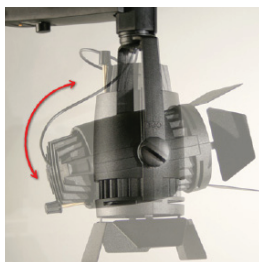
1. Loosen the tilt knob
2. Tilt the fixture
3. Tighten the tilt knob



## 6. Pan lock

1. Loosen the pan lock knob
2. Rotate the fixture
3. Tighten the pan lock knob

The luminaire can be rotated 365 degrees.



## 7. Tilt angle

The tilting is limited from 0 to 93 degrees. Further tilting can result in the lock being damaged.

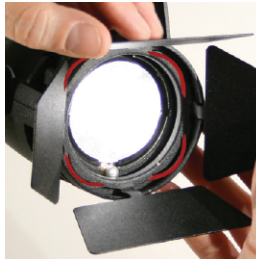
# Neo Fresnel

Neo Fresnel comes with adjustable beam angle.  
Barn doors allows you to shape the light.

## 8. Barn door attachment

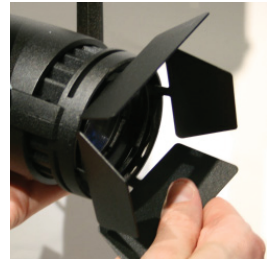


Hold the barn door with your hand and push it into the front slot of the Fresnel.



Make sure all four latches are in place.

If necessary, use a small flat blade screwdriver and push them into the slot.



The barndoor is now attached and can be rotated.

## 9. Lighting design with Fresnel

### Beam angle



Adjust beam angle with the focus knob on the back of the fixture.

### Shaping



Use barn doors to shape the light.

### Finish



If necessary, finish off by adding color or diffusion filter.



# Neo Profile

Contour spotlight with zoom lens system.

Neo Profile has short optics and requires careful adjustments.



## 10. Adjust the beam

Move the front lens to change the beam spread.

The rear lens adjusts the "softness" or "sharpness" of the beam or shutter.



## 11. Shutter system

Use the four adjustable shutters to shape the light.



## 12. Gobo projection

Neo Profile accomodates a gobo holder (optional) for E-Size (37.5mm) gobos.

Insert the gobo pattern into the gobo holder. Place the gobo holder in the slot on the top side of the fixture.



The gobo holder can be rotated to some extent.

Please note: Neo Profile is not a sharp edge projector, so it's best suited for diffuse patterns. It does very good with foliage breakups and alike.

# Cleaning / maintenance

1. Disconnect the power and wait for the luminaire to cool down.
2. Use dry soft cloths to clean the exterior.
3. Since the design of the fixtures is not air tight, dust particles might settle in on lenses and LED, which will affect both light quality and performance. We recommend the use of an oil-free air compressor to blow out dust every other year.
4. We do not recommend end-users to open the fixture to clean the lenses or LED.
5. The light source contained in this luminaire cannot be changed by user, it may only be replaced by Ljusdesign AB or his maintenance agent.

## Accessory list

Ljusdesign has a well-selected assortment of Gobo patterns and color/diffusion filters on stock.

NEO99

Gobo Metal

Gobo standard E-size

NEO92

Gobo Holder

Holder E-size for Metal Gobos

NEO92X

Gobo Holder

Holder E-size for Glass Gobos

NEO98

Neo Filter

Rosco or LEE 70\*70mm



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