

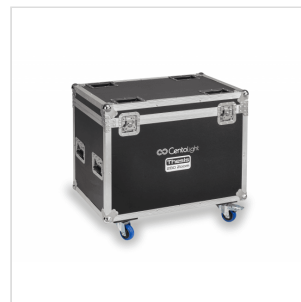
## THEESIS 280 ZOOM SET

# 4X THEESIS 280 ZOOM MOVING HEAD SET WITH FLIGHT CASE

THEESIS series offer la new wash-light moving head THEESIS 280 ZOOM with 7 powerful and reliable 40W OSRAM LEDs. It represents a valid alternative to normal arch lamps with all the benefits of LED technology: low consumption, longer life, lower temperature dissipation.

The light beam ranges from 4.5° to 45°, thanks to the ZOOM function controlled by three motors simultaneously, which give an extremely soft and silent adjustment. The quad-color mixing system, the adjustable color-temperature, the accurate and linear dimmer, combined with the sophisticated control of the single pixels, make the new THEESIS 280 ZOOM moving head a valid tool to enhance the creativity of the most demanding light designers.

It offer several Pixel controlling functions: rainbow, single pixel, circle, full-control of the single colors of each LED, and many others. Particular attention is paid to precision and noise of mechanical movements. PAN and TILT are equipped with three-phase motors and 16-bit control. The ZOOM is managed by three motors, to minimize skating effect and vibrations. The electronic dimmer is accurate and soft. Fan speed is also electronically controlled by the internal temperature, ensuring the right balance between noise, safety and durability of the LED chips. The set consists of 4 moving heads and one flight case with space in the upper part for containing the fixtures with hanging hooks mounted.



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DMX-512 Control type unit



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## HIGHLIGHTS

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### ACCURATE ZOOMING WITH 3 MOTORS

It may seem that head projectors look all the same, and it is complex to make people understand that certain details greatly affect the performance offered by the product.

The Thesis 280 Zoom is equipped with an electronic zoom with beam variation between 4.5° and 45°. The difference from other zoom systems lies in the smoothness, precision and speed of the mechanical movement that moves the lens between minimum and maximum in just 1.7 seconds. This is due to the three silent motors that move the zoom and to the 16-bit control by the processor.

### PIXEL CONTROLLING FUNCTIONS

In addition to the normal mixing of the 4 basic RGBW colors, the Thesis 280 offers several Pixel effects, like rainbow, single pixel, circle, full control, fixed background light color mixing, fixed background light pattern, fixed background light pixel control. In short, a special and cheerful offer of lighting effects that will satisfy even the most demanding professionals.



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### PRODUCT DETAILS

#### KEY FEATURES

LED light: LED 7 x 40W RGBW OSRAM® with LED lifespan of around 50000 hours.

Beam angle (scan type): 4.5°÷45°

Electronic smooth Dimmer with 16-bit control.

Strobe: 1-20Hz with instant light ON and OFF work mode

RGBW smooth color mixing with Pixel effects, like rainbow, single pixel, circle, full control, fixed background light color mixing, fixed background light pattern, fixed background light pixel control.

ZOOM function 4.5°a 45° /1.7s, with 3 silent motors at the same time to provide accurate zooming, stable beam, without skating.

PAN and TILT with 8-16 bit scanning, photoelectric reset and automatic error correctionfunction.

DMX512 / Master-Slave / Auto / Sound control Modes.

Four DMX Channel Modes: 17CH Standard, 38CH Extended, 18CH Pattern, 11CH HIS

High efficiency cooling system with whole-process temperature monitoring. No risk of LED lamp damage; Intelligent speed control fan and monitoring of rotationspeed.

2.0" LCD color screen with easy user-interface.

External power function with USB connection for moving head parameter setting using display.

Support RDM, Art-Net®, Kling-Net and sACN networking protocols (Optionals).

Flight Case with wheels (2 wheels with brake) and space in the upper part to contain the fixtures in upside down position, with the hanging hooks mounted on bottom.

Flicker-Free Operation

#### SPECIFICATIONS

# THEESIS 280 ZOOM SET

## 4X THEESIS 280 ZOOM MOVING HEAD SET WITH FLIGHT CASE

LED light	7 x 40W RGBW OSRAM
LED Lifespan	5000 Hours
Voltage	100V-240V 50-60Hz
Power consumption	400W
Amperage	2,5A
Control mode	DMX512, Master/Slave, Auto, Sound
Channel Mode	18CH, 38CH, 17CH, 11CH
Network function	Support RDM, Art-Net®, Kling-Net and sACN networking protocols (Optional)
Beam angle (Scan type)	4,5° ÷ 45°
Dimmer	0-100% (16bit )
CCT	2800K-8500K
Zoom	9° ÷ 44° /1.7s, with 3 silent motors at the same time to provide accurate zooming, stable beam, without skating.
X/Y Scan	Pan 540°,Tilt:270°
Strobe	1-20Hz
Display	2" Color LCD, English and Chinese switchable languages, Reversible
Housing	Flame-retardant plastic
Internal Running Temperature	0 ÷ 40°C
Dimensions (WxDxH)	290 x 225 x 380 mm
Weight	8.9 kg
4 Unit Flight Case Size (WxDxH)	805 x 685 x 610 mm
4 Unit Flight Case Weight	70 kg