THESIS 280 ZOOM

7 x 40W LED Moving Head with zoom

THESIS series offer la new wash-light moving head THESIS 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 THESIS 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.









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° ÷ 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	14CH Standard, 38CH Extended, 18CH Pattern, 11CH HSI
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).	
Flicker-Free Operation	

Specifications

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	11CH, 14CH, 18CH, 38CH
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
Package Dimensions (WxDxH)	310 x 250 x 430 mm
Package Weight	10 Kg