

HELIOS SERIES

3000 LUMENS - LASER - 4K HOME-CINEMA PROJECTORS

# HELIOS

by *DreamVision*®



**4K**  
UHD

## When Fashion meets Performances

Since 1996, *DreamVision*, in the shadow of the world-famous Montmartre hill in Paris, has been developing and refining the latest advancements in digital display technology in order to provide state-of-the-art video products for Home Cinema. Today, *DreamVision* is a highly respected, global brand in high-performance video.

The projector's ultra-stylish chassis was created by the famed French designer, *Antoine Beon*, also known by the *DreamVision* fans for his work with the Siglos and DreamBee Series. A contemporary work of art, The HELIOS comes standard in black or white, and can be ordered with any custom RAL paint.



**The stylish HELIOS in red Ferrari.**

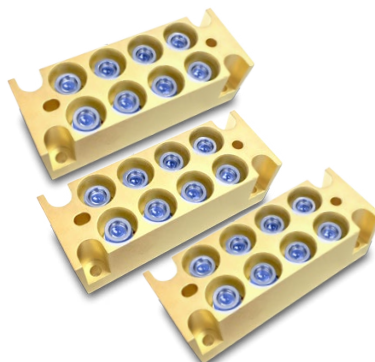
## Raising the standards of picture quality

The newly developed three-chip system is based on a trio of DCI-4K panels at a native resolution of 4096x2160 pixels with an incredible contrast ratio. The HELIOS is also certified as *THX 4K display*. This certification is to identify displays that possess the means to faithfully reproduce video as it was intended to appear by the director, not only 2K resolution but also 4K. Qualifying displays must clear over 400 strict tests of image quality, such as color accuracy, video post-processing and brightness. Satisfying all of these criteria earns the distinction of being truly top class and of the highest quality products.



## 3000 ANSI Lumens and infinite contrast ratio projector

This extremely bright light output of 3,000 lumens is obtained by stacking 3 powerful laser modules, coupled with a high-end optical lens F/2.4. By finely controlling the light power with the Laser banks, the HELIOS is capable of producing highly contrasted images and yet extremely bright.



**The laser light source is organised in three banks of 8 LEDs each.**



## 20,000 hours of peace of mind

Our original design makes an innovative use of inorganic, non-spinning laser LEDs organized on 3 banks, making the light source naturally redundant and more durable. Additionally, the system lifetime is at least 20,000 hours, making logistic and operational costs involved ridiculously low, The lamp failure stress is relegated to a bad souvenir.

## Bright and sharp enough for extra-large screens

Because our Laser light source is 10 times more efficient and more powerful than classic LED lights, the HELIOS produces a stunning image, powerful enough to fill screens up to 5m50 wide at THX highest standards and still having some room to go even larger.

Going with very large screens would be meaningless if the picture were to be dull and flat. This is why we use 4K panels with a native resolution of 4096 x 2160 pixels. The use of laser light is also benefitting the picture quality. The picture is even sharper, the colors are purer.



photo by courtesy of Clarity AV - Singapore

**The HELIOS can easily be installed in bright living rooms.**

## Improved installation precision and versatility

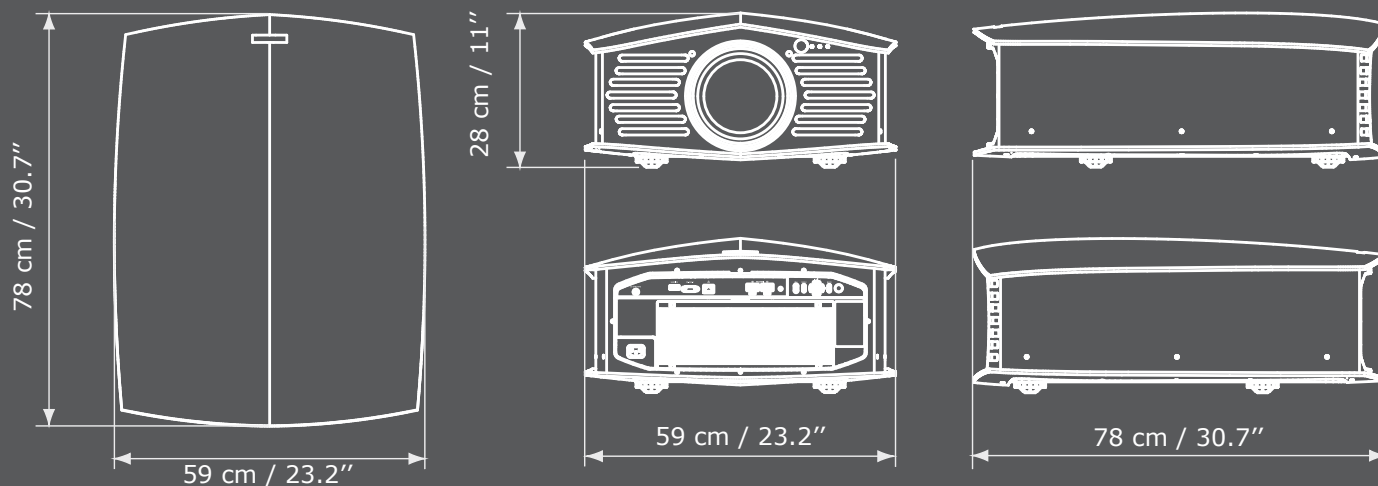
Thanks to the high precision motorization of the lens the precision has been increased by 4 times and the optical shift range has been greatly increased. Vertically up to 100% up or down, and horizontally 43% left or right. Additionally, the electronic 2x zoom of the high quality lens enables a vast choice of projection distance.

## Larger color space and future proof

The HELIOS comes with color space presets precisely calibrated to most current standards such as BT.709 or DCI-P3. Also it is capable of covering more than 80% of BT.2020 color gamut. Not only the HELIOS supports the latest UHD recommendations such as Dolby-Vision, Perceptual Quantization gamma curves, but it also supports the future standards such as the Hybrid Log gamma for the future BBC and NHK broadcasts TV programs.



**HDR contents can truly be experienced only on HDR compatible displays.**



|                    |                           |   |
|--------------------|---------------------------|---|
| Model Version      |                           | HELIOS  |
| P/N                |                           | RZ201740  |
| Native Resolution  |                           | D-Cinema 4K- 4096 x 2160 pixels   |
| Aspect Ratios      |                           | 19:10 (native), 16:9 (Full-HD), 2.39:1 (Cinemascope crop)   |
| Panel Technology   |                           | Three chip 0.69" LCoS panels  |
| Illumination       | Brightness                | 3,000 ANSI Lumens (typical)   |
|                    | Type                      | Laser Light Source modules  |
|                    | Estimated Life            | 20,000 hours  |
| Contrast Ratio     |                           | Infinite:1 (with SLPLM™)  |
| Noise              |                           | 25 dB (in low LD power mode)  |
| Video Inputs       |                           | 2x HDMI 2.0a with HDCP 2.2  |
| Output             |                           | 1x mini-DIN 3 pins - VESA 3D syncro signal<br>1x 12V Trigger  |
| Control            |                           | 1x RS-232 in<br>1x RJ-45 web interface(10/100 Mbps)<br>1x IR Remote control   |
| Video-Processing   |                           | 4K MPC enhancement<br>HDR with PQ gamma (HDR10)<br>HDR with HLG (Hybrid Log Gamma, BBC & NHK)<br>Smart Laser Power Level Management (SLPLM™)<br>Low Latency mode (< 3 frames) |
| Colors             |                           | BT.709, BT.2020 and Xenon color spaces  |
| Lenses             | Optical Shift             | Motorized (±100% vertically ±42% horizontally)  |
|                    | Zoom                      | Motorized 2x Zoom 1.37:1 - 2.77:1   |
|                    | Focus                     | Motorized   |
| Options            | Replacement Air Filter    | RZ201741  |
|                    | Replacement Sponge Filter | RZ201742  |
|                    | Ceiling Mount             | RZ201743  |
|                    | 3D RF dongle              | R1048229  |
|                    | Standard 3D Passive Kit   | R1048225  |
|                    | Ultimate 3D Passive Kit   | R1048233  |
| Power              |                           | 100-240 VAC @ 50/60 Hz (6A max)   |
| Consumption        |                           | 750 W max   |
| Dimensions (WxDxH) |                           | 59 x 78 x 28 cm (23.2 x 30.7 x 11.0 inches)   |
| Net Weight         |                           | 45 Kg (99 lbs)  |

These specifications may contain technical inaccuracies and may be changed without prior notice.