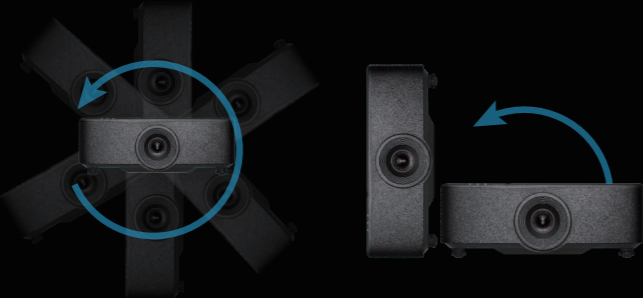


### Multiple Corners Correction

Image display supports corner and keystone correction, the projector has image distort function which helps the adjustments of play control software in order to solve image output distortion after multiple projectors installed.



### 360° Installation



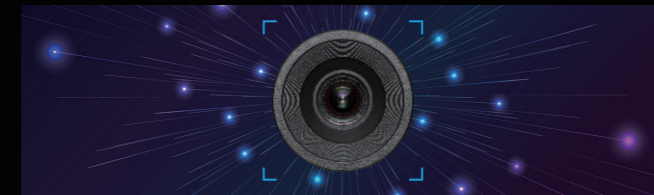
### Efficient Anti-Dust

Fully enclosed design of optical channel and optical engine to prevent dust. Independent ventilation design on the bottom to provide better operating status, decrease inner temperature.



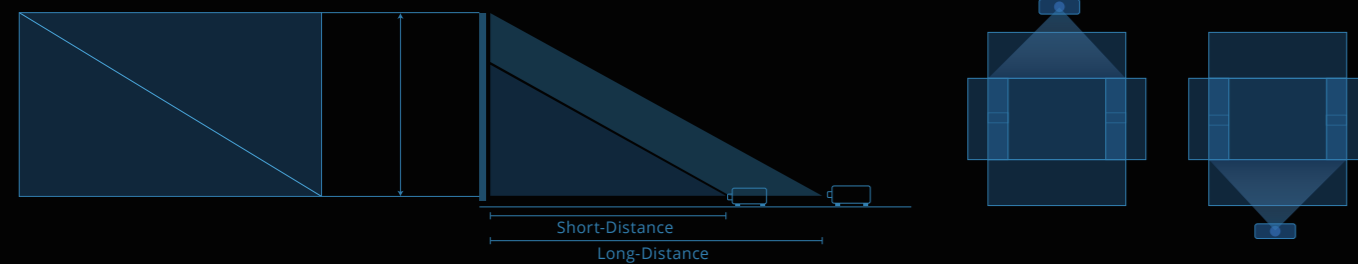
### Lens

Equipped with electric lens to operate focus/zoom/displacement to guarantee the precision of image output. Support lens displacement/focus/zoom lock to avoid unauthorized operation.



### Lens Displacement

Support electric lens control, electric displacement, electric focus and electric zoom, make the installation adjustment easier.



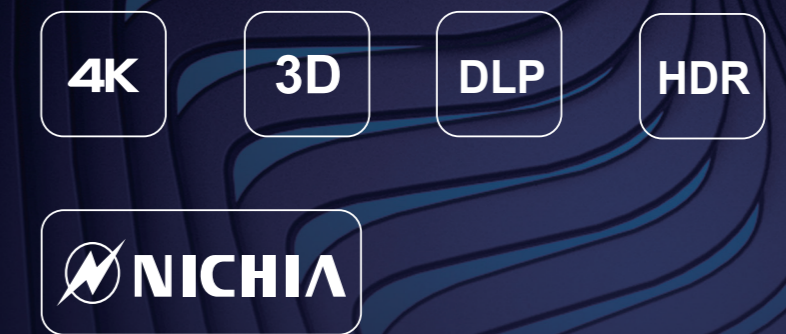
| Screen Size<br>16:10<br>(inch) | Screen Size |        |        |        | Throw Ratio    |               | Projection Distance |               |                |               |
|--------------------------------|-------------|--------|--------|--------|----------------|---------------|---------------------|---------------|----------------|---------------|
|                                | (m)         |        | (inch) |        | 1.21-1.52      |               | (m)                 |               | (inch)         |               |
|                                | Width       | Height | Width  | Height | Short-Distance | Long-Distance | Short-Distance      | Long-Distance | Short-Distance | Long-Distance |
| 40                             | 0.86        | 0.54   | 33.9   | 21.2   | 1.21           | 1.52          | 1.04                | 1.31          | 3.41           | 4.29          |
| 50                             | 1.08        | 0.67   | 42.4   | 26.5   | 1.21           | 1.52          | 1.31                | 1.64          | 4.29           | 5.39          |
| 60                             | 1.29        | 0.81   | 50.9   | 31.8   | 1.21           | 1.52          | 1.56                | 1.96          | 5.12           | 6.43          |
| 70                             | 1.51        | 0.94   | 59.4   | 37.1   | 1.21           | 1.52          | 1.83                | 2.3           | 5.99           | 7.53          |
| 80                             | 1.72        | 1.08   | 67.8   | 42.4   | 1.21           | 1.52          | 2.08                | 2.61          | 6.83           | 8.58          |
| 90                             | 1.94        | 1.21   | 76.3   | 47.7   | 1.21           | 1.52          | 2.35                | 2.95          | 7.7            | 9.67          |
| 100                            | 2.15        | 1.35   | 84.8   | 53     | 1.21           | 1.52          | 2.6                 | 3.27          | 8.54           | 10.72         |
| 120                            | 2.58        | 1.62   | 101.8  | 63.6   | 1.21           | 1.52          | 3.12                | 3.92          | 10.24          | 12.87         |
| 150                            | 3.23        | 2.02   | 127.2  | 79.5   | 1.21           | 1.52          | 3.91                | 4.91          | 12.82          | 16.11         |
| 180                            | 3.88        | 2.42   | 152.6  | 95.4   | 1.21           | 1.52          | 4.69                | 5.9           | 15.4           | 19.35         |
| 200                            | 4.31        | 2.69   | 169.6  | 106    | 1.21           | 1.52          | 5.22                | 6.55          | 17.11          | 21.49         |
| 250                            | 5.38        | 3.37   | 212    | 132.5  | 1.21           | 1.52          | 6.51                | 8.18          | 21.36          | 26.83         |
| 300                            | 6.46        | 4.04   | 254.4  | 159    | 1.21           | 1.52          | 7.82                | 9.82          | 25.65          | 32.22         |

### Specifications

| Model   | SNP-LU640E   | SNP-LU740E            | SNP-LU850E                     |
|---|--|-----------------------|--------------------------------|
| Main Parameters                               | Display Technology   |                       |                                |
|   | DLP  |                       |                                |
|   | Chip   |                       |                                |
|   | 0.67 "DMD S600HB   |                       |                                |
|   | Resolution   |                       |                                |
|   | 1920*1200(2,304,000pixel) Compatible with 4K signal input    |                       |                                |
| Light Source                                  | Brightness (lumens) <sup>2</sup>                             |                       |                                |
|   | 64,00  | 7,400                 | 8,500                          |
|   | Uniformity <sup>2</sup>                                      |                       |                                |
|   | 90%  |                       |                                |
|   | Contrast Ratio <sup>2</sup>                                  |                       |                                |
|   | 1,800:1(Static) 100,000:1(Dynamic) 3,000,000:1(Extreme dark) | Aspect Ratio          |                                |
| 16:10 (Standard)                              |  | 16:9/4:3 (Compatible) |                                |
| Keystone Correction                           | Type   |                       |                                |
|   | Laser light source   |                       |                                |
| 3D  | Lifetime (hrs)   |                       |                                |
|   | Std: 20,000hrs, Eco: 25,000hrs                               |                       |                                |
| Installation                                  | Support  |                       |                                |
|   | 360° Installation  |                       |                                |
| Speaker                                       | 10Wx1  |                       | 10Wx2                          |
|   | HDMI (V2.0, compatible 4K, support HDCP <sup>3</sup> x1)     |                       |                                |
| Ports   | HDMI (V1.4, support HDCP <sup>3</sup> x1)                    |                       |                                |
|   | 15-pin Mini-Dsubx1   |                       |                                |
|   | HDBaseT <sup>4</sup> x1                                      |                       |                                |
|   | 3D-Sync BNC Inx1   |                       |                                |
|   | Audiox1(3.5mm port)  |                       |                                |
|   | Wiredx1 3.5mm  |                       |                                |
|   | RJ45x1   |                       |                                |
|   | RS232(D-sub 9pin)x1  |                       |                                |
|   | USB-Ax1(DC5V)  |                       |                                |
|   | HDMI 1.4(Support HDCP <sup>3</sup> ) OUTx1                   |                       |                                |
|   | 3D-Sync BNC x1   |                       |                                |
|   | Audiox1(3.5mm port)  |                       |                                |
| Power (Electric Property)                     | Power Supply   |                       |                                |
|   | 100~240V, AC±10%, 50/60Hz                                    |                       |                                |
|   | Power Consumption  |                       | Std: 330W±15%<br>Eco: 200W±15% |
|   | Standby Power Consumption                                    |                       | ≤ 0.5W                         |
| Protection Level                              | Noise (Typ./ Eco.)   |                       | Std: ≤ 30dB, Eco: ≤ 25dB       |
|   |  |                       | Std: ≤ 34dB, Eco: ≤ 27dB       |
| Physical Parameter                            | IP5X   |                       |                                |
|   | Dimensions (W×D×H) (mm)                                      |                       |                                |
|   | 486(W) x 393(D) x 174(H)                                     |                       |                                |
| Operating Environment <sup>5</sup>            | Weight (kg)  |                       | 11 13                          |
|   | Temperature  |                       |                                |
|   | 5~40° C, non-condensing                                      |                       |                                |
|   | Humidity   |                       |                                |
| 10%~85%                                       |  |                       |                                |
| Accessory                                     | Altitude   |                       |                                |
|   | 0~2500m (Switch to High Altitude Mode at 1500m or higher)    |                       |                                |
| Power Cord ×1, VGA Cord ×1, Remote Control ×1 |  |                       |                                |

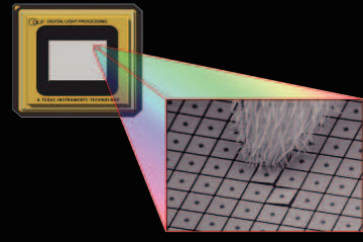
Remark:  
 \*1. The light output data value is measured at the center of the projected screen, based on ISO/IEC 21118:2012, and the data value is average.  
 \*2. The value is average and measured in compliance with ISO/IEC 21118:2020.  
 \*3. HDCP Protocol: High-bandwidth Digital Content Protection.  
 \*4. HDBaseT trademark is owned by HDBaseT Alliance.  
 \*5. Operation at high altitude area with the temperature 35°C or higher might cause the optical components fail sooner.

## High Resolution and High Brightness Engineering Projector



## DLP Technology

The DLP image chip has strong processing capability that can analysis and process the brightness and colors while different objects were detected.



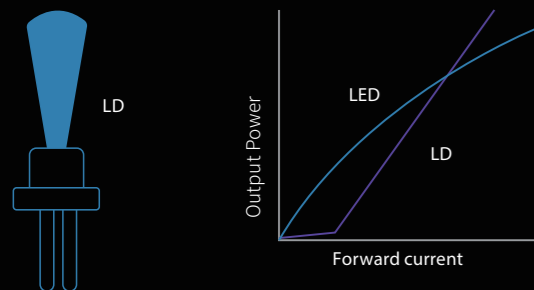
## Display Capacity

High speed micro lens provide outstanding DLP display technology, also provides bright, colorful and clear image.



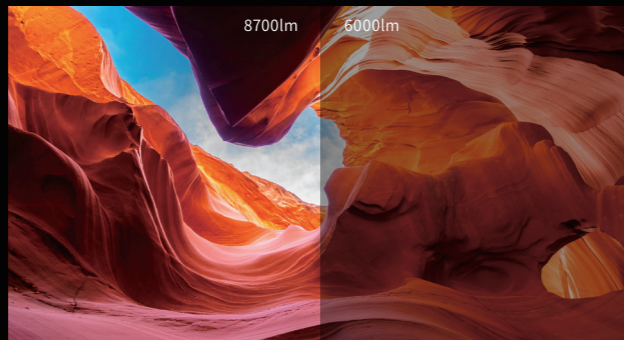
## Light Source

- Excellent monochromaticity of the optical diode
- Excellent optical collection and small projecting area due to narrow beam radiation of the optical diode.



## High Brightness and High Resolution

The laser fluorescence display technology overcome traditional lamp light source technology. Promote the lifetime of light source and display high brightness and high resolution images. The brightness up to 8700lm and widely used for digital display, exhibition display and industrial manufacturing.



## Resolution

1920\*1200 resolution, support HDR dynamic picture and display perfect image.



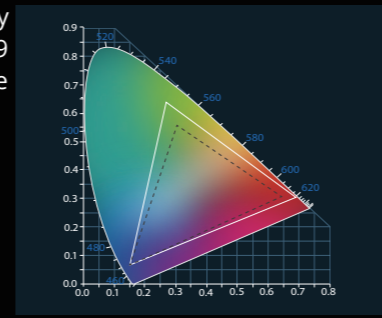
## Advantages of Laser

- MCL optical design guarantee stable operation.
- Efficient laser light source combine with DLP technology to display high brightness and high contrast image.



## Color Gamut

Color coordinate display range covers Rec.709 which accord with the ITU standard



## Image Displacement

Image position adjustable through the image displacement function.



## 4K Signal Input

HDMI V2.0 port supports 4K resolution input, display more details of the image.



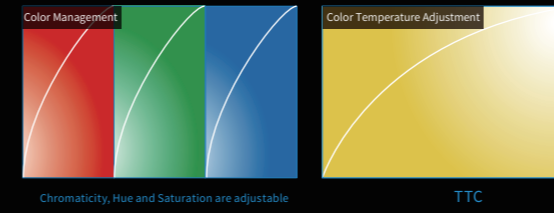
## Increased Contrast Ratio

The projector supports different contrast ratio mode selection, freely switch contrast ratio according to play different videos.



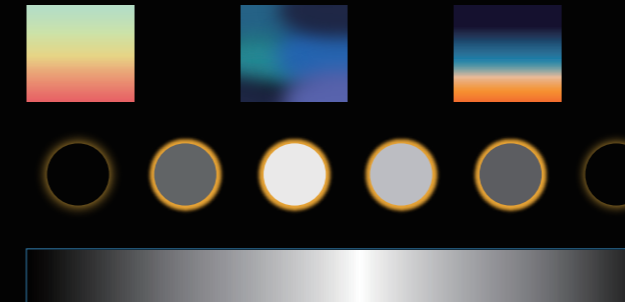
## Color/Color Temperature Management

Added HSG color management system guarantee the color consistency through the color number adjustment, solved the perplex of different color while multiple projectors combined.



## Constant Brightness Mode

Adjust image brightness through optical elements calculate, increase the lifetime of optical elements



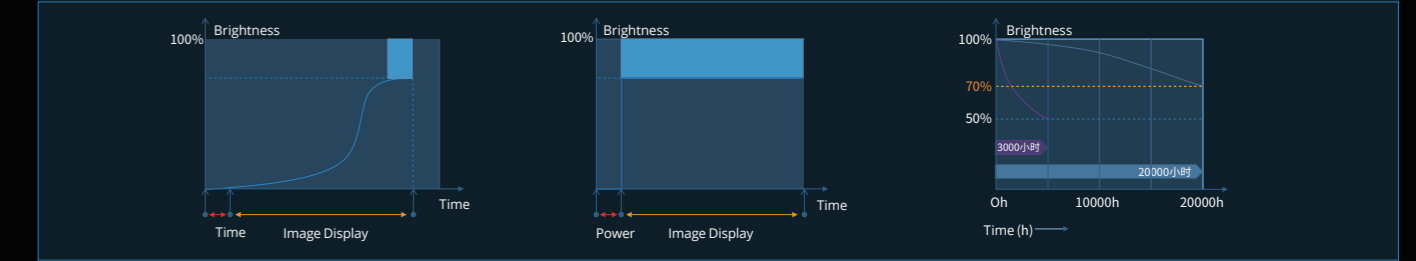
## 3D Function

Positive 3D function, support all 3D format. Defaulted 3D synchronized input and output port solved the problem of multiple 3D synchronization. Fulfill the demand of professional field.



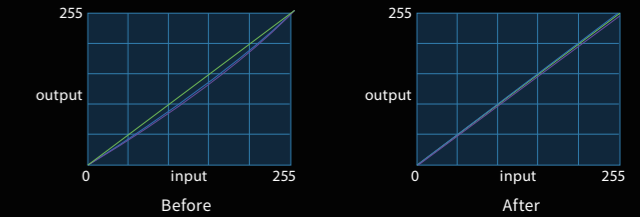
## Light Source Lifetime

Equipped Nichia laser diode to guarantee the demands of special environment. The lifetime of laser diode shiner up to 20,000 hours.



## Gamma Adjustment

Adjust projector output brightness and contrast ratio through the optimized curve of Gamma, this function solved dark field color overflow of simulated or immersion pixel superposition area.



## Projecting Terminal

The design of HD signal port that completed signal transmission and remote control through LAN, the port compatible with network protocol which could send corresponding instruct to control device.



## Fusion Splicing

Multiple projectors can be combined together to get a super large screen.



## Centralized Management

The LAN function provides various selection tools to offer remote control of the projector. By using the monitoring software, such as Crestron, AMX or command control tool, through RS232, RI45 to execute the monitoring and control. Provide a simple, efficient and cost effective control scheme for the information share and after-sale services.



## Start Setting

Automatic turn on and turn off through time setting. Error log stored by the IC storage which helps to do the troubleshoot.

