

## INSIGHT LASER 8K

25,000 ANSI Lumens | Contrast Ratio: 20,000:1 Dynamic / 2,000:1 Native | Part No:119-529

## INSIGHT LASER 8K

IMAGING BY: 

THE VISIONARIES CHOICE



<b>Colour System:</b> Laser Phosphor	<b>DMD Specification:</b> Displays 8K-UHD 7680x4320, 4096 x 2160 native <b>Aspect Ratio:</b> 1.9:1
<b>Display Type:</b> 3 x 1.38" DarkChip 3 DMD , +/- 12° tilt angle	<b>Fill Factor</b> 87%

### Key Features

- High Performance High resolution projector
- Displays up to 8K-UHD 7680x4320 @ 60Hz
- Ultra high frame rate capability up to 240Hz at 4K resolution
- Smear reduction
- Low latency 2 frames
- Laser power dimming
- Input via DisplayPort or SDI
- Compact integrated chassis
- Long life light source
- Sealed light module

### Video and Graphics Processing

- 4 x DisplayPort 1.2
- 4 x 12G-SDI
- 16 x 3G-SDI
- 10 bit processing

### Colour Processing

- Powerful seven point colour correction for accurate colour matching.
- Selectable de-gamma curves
- Individual R,G,B lifts and gains

### Projector Controller Software

- Intuitive user interface for network control.
- Simultaneous control of user-defined groups of projectors.

- At-a-glance monitoring of projector status.

## Projector Automation

- Via LAN

### Source Compatibility:

Graphics standards up to 7680x4320 resolution at 60Hz via DisplayPort or SDI.

## Inputs/Outputs

Video & Computer			Communication & Control		
Type	Connector	Qty	Type	Connector	Qty
DisplayPort 1.2	DisplayPort	4	LAN	RJ45	1
12G-SDI in	BNC	4	RS-232	9-pin D-Sub	1
3G-SDI in	BNC	16	Wired Remote	3.5mm Stereo Jack	1

### 3D Formats Supported

N/A

### HDTV Formats Supported

1080p (24Hz, 60Hz)

### Computer Compatibility

Up to 7680x4320

### Bandwidth

N/A

### Remote Control

Addressable IR remote Control, Wireless and wired.  
On-Board keypad.

### Automation Control

RS232  
LAN

### Colour Temperature

3200K to 9300K

### Lamp Type

Laser Light Source

### Typical Lamp Life

20,000 hours

## Lenses

Lens	Part No.	Optimised Focus Range	Lens Shift
<b>7680x4320</b>	-	-	-
1.21 - 1.83:1 zoom	115-627	2.5m - 100m	Vert: 0.40 (U) 0.20 (D) frame, Hor: 0.10 (L) 0.14 (R) frame
1.76 - 2.77:1 zoom	115-630	3.5m - 100m	Vert: 0.45 (U) 0.20 (D) frame, Hor: 0.10 (L) 0.17 (R) frame
2.70 - 5.31:1 zoom	115-632	4.5m - 100m	Vert: 0.42 (U) 0.20 (D) frame, Hor: 0.10 (L) 0.17 (R) frame
<b>At Native 4K</b>	-	-	-
0.93:1 fixed	117-310	0.5m - 100m	Vert: 0.21 (U) 0.21 (D) frame, Hor: 0.08 (L) 0.08 (R) frame
1.13 - 1.72:1 zoom	115-627	2.5m - 100m	Vert: 0.34 (U) 0.19 (D) frame, Hor: 0.08 (L) 0.10 (R) frame
1.65 - 2.60:1 zoom	115-630	-	Vert: 0.40 (U) 0.20 (D) frame, Hor: 0.13 (L) 0.13 (R) frame
2.53 - 4.98:1 zoom	115-632	-	Vert: 0.37 (U) 0.20 (D) frame, Hor: 0.13 (L) 0.13 (R) frame
		3.5m - 100m	
		4.5m - 100m	

### Lens Mount

Motorised shift, zoom and focus. Intelligent Lens Memory with user-definable preset positions.

### Mechanical Mounting

Front/Rear Table  
Front/Rear Ceiling  
Adjustable Front/Rear feet  
Built-in stacking points  
Eye-bolts for handling a single projector  
Optional mounting/grab rail

### Orientation

**Table Top or Inverted:** Yes  
**Pointing Up:** Yes  
**Pointing Down:** Yes  
**Roll (Portrait):** Yes

### Power Requirements

220-240VAC 50/60Hz single phase  
Power connector: 32A Ceeform

### Power Consumption

3800W @ 240VACW

### Thermal Dissipation

12965 BTU/Hour @ 240VAC BTU/Hour

### Fan Noise

55dBA

### Operating/Storage Temperature

Operating: 0 to 35C (32 to 95F)  
Storage: -20 to 60C (-4 to 140F)

### Operating Humidity

10 to 90% non-condensing

### Weight (Chassis Only)

132 kg  
291 lb

### Dimensions

L: 100.3cm W: 72.2cm H: 47.9cm  
L: 39.5 inch W: 28.4 inch H: 18.9 inch

### Safety & EMC Regulations

UL / cUL, CB, CE, FCC Class A, IEC EN 60825-1 Class 3R Laser Product, IEC EN 62471-5 Risk Group 3, BSMI, FDA, CCC

### Accessories

Accessory	Part No.
Mounting rail	118-471
Replacement filter set	118-534

*\*Dimensions included for reference only and are subject to change. Please download the full set of CAD files for this display for more accurate information.*

### Downloads

[PDF CAD Drawings](#)

[AUTOCAD Drawings](#)



Certificate Number 13629  
ISO 9001