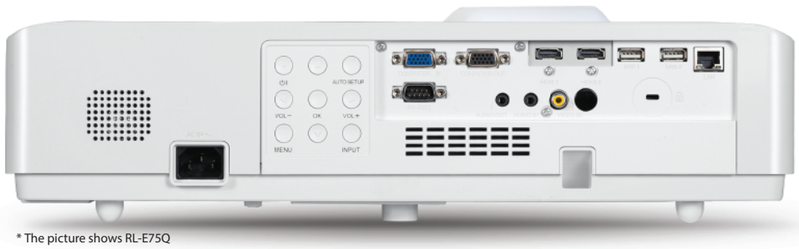
Specifications

Model		RL-E65Q	RL-E75Q
Display Technology		Liquid Crystal Display	
LCD panel		3x0.64"(16:10)	
Brightness		6200 lm	7100 lm
Color Brightness		6200 lm	7100 lm
Resolution		4K (1920x1200X2*)	
Contrast		5000000:1 (Dynamic Mode)	
Light Source		Laser diode	
Lifetime		Normal: 20000h, ECO: 30000h	
Lens		F1.6~2.25 · f=16.09~25.75mm · Manual zoom (1.6x) · Manual focus	
Screen Size		30"~300"	
Throw Distance		0.73m~12.51m	
Throw Ratio		1.14~1.86:1	
Throw Ratio (Optical and Digital)		1.14~3.76:1	
Keystone Correction		Vertical: ±40º (Auto, Manual) · Horizontal: ±15º (Manual)	
Input Terminals	PC	VGA in (D-sub 15pin) ×1	
	Audio	Audio in (mini jack, 3.5mm) ×1	
	Video	HDMI ×2 · Video in (RCA) ×1	
	Others	USB-Type A ×2	
Output Terminal		VGA out (D-sub 15pin) ×1 · Audio out (mini jack, 3.5mm) ×1	
Control Terminal		RS232C (D-sub 9pin) ×1 · RJ-45 ×1 (Control)	
PC input signal		PC-VGA,SVGA,XGA,SXGA,WXGA,UXGA,WSXGA+,WUXGA,4K(30HZ,60HZ) / Mac	
Video input signal		NTSC,PAL,SECAM (480p,480i,576p,576i,720p,1080i,1080p)	
Scanning Frequency		Horizontal: 15~140kHz · Vertical: 24~85Hz	
Projection Method		Ceiling/floor · front/rear	
Speaker		10W×1	
Noise		Normal: 38dB, ECO: 32dB	
Weight		7.1 kg	
Dimension (WxHxD)		445×100×350mm(not incl. protruded part)	
Power Supply		100~240V AC (50/60Hz)	
Power Consumption		316W (100V~120V) · 306W (200V~240V)	355W (100V~120V) · 343W (200V~240V)
Standby Power Consumption		< 0.5W	
Operating / Storage Temp.		0°C~40°C / -10°C~60°C	
Operating / Storage Humidity		20%~80% (non-condensation)	
Standard accessory		Wireless remote control, power cord	

* These specifications and the product design are subject to change without notice.
* Note: ROLY's optical imaging technology achieves double 1080P resolution through pixel shifting and a brand-new high-end image processor.



* The picture shows RL-E75Q

Projection distance

16:9 aspect ratio — Unit: m

Screen size	min. (wide)	max. (tele)
92"	2.32	3.79
106"	2.68	4.38
120"	3.04	4.97
150"	3.81	6.22
200"	5.09	8.32
240"	6.10	9.98
300"	7.66	12.51

Optional Lens

Unit: m

T5 | Short Fixed Lens

Lens: F1.8, f=8.3mm
Zoom/Focus: Fixed/Manual
Throw ratio: 0.5:1
Screen size: 80" ~300"

T68 | Short Zoom Lens

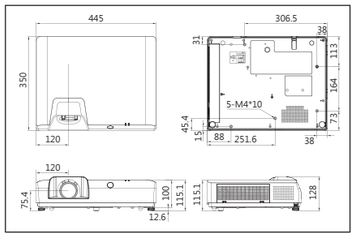
Lens: F2.0~2.16, f=9.77~11.32mm
Zoom/Focus: 1.2X / Manual
Throw ratio: 0.68~0.80:1
Screen size: 60"~300"

Screen size 16:9 (inch)	T68 min.(wide)	T68 max.(tele)	T5 Fixed
92"	1.39	1.63	1.02
106"	1.60	1.88	1.18
120"	1.82	2.14	1.33
150"	2.29	2.68	1.66
200"	3.06	3.59	2.21
240"	3.68	4.30	2.66
300"	4.61	5.40	3.32

* Approximate throw distances shown adove were calculated on lens design specifications.
* Please note that up to 5% deviation may result due to lens variation.

Dimension

Unit: mm



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3LCD

4K RL-**E75Q** 7100 lm

4K RL-**E65Q** 6200 lm

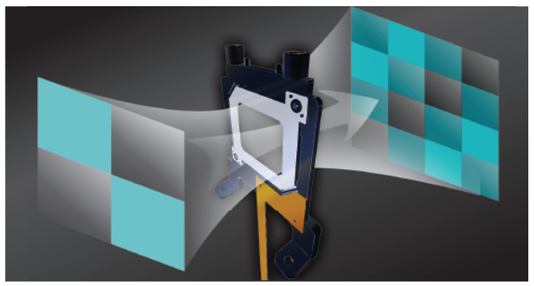
High-Definition Image, Stable and Long-lasting Bright Color Display

Long-lasting Laser Light Source

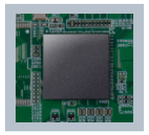
Utilizing a stable and reliable low-power laser light source technology, the light source has a lifespan of up to 20,000 hours. This is 30% more energy-efficient than lamp projectors, showcasing energy-saving and environmentally-friendly features. It also addresses the headache-inducing issue of bulb deterioration, providing high-quality image presentation while significantly reducing maintenance costs.

Built-in High-Precision Diagonal Pixel-Shift Device

Through high-speed diagonal vibration shifting, it creates 2 times more pixels to achieve 4K resolution pixel density. Combined with exceptional precision, it delivers high-quality 4K images with 3LCD technology.



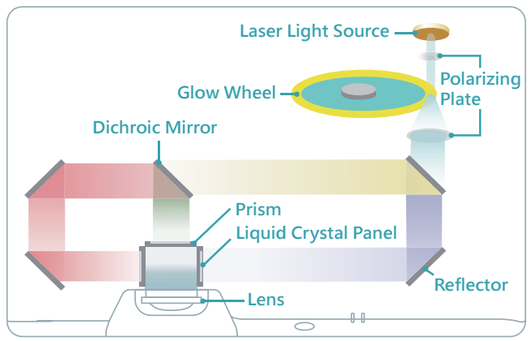
Brand-New Image Processing Chip



Equipped with ROLY's first independently developed image processing chip, it fully decodes signals of any resolution, including 4K, and efficiently enhances color performance. This ensures that projected images are presented with stunning perfection.

3LCD Display Technology

Latest developed 3-chip LCD panels work together to generate natural color optical system. For 3LCD technology, the color brightness equals to white brightness. There is no rainbow effect, and higher color restoration capability, which will produce more real and nature color.



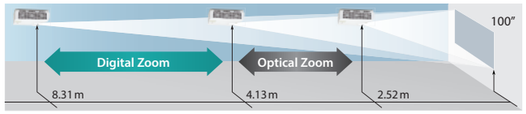
Versatile Installation, Suitable for Various Environments and Creative Projection

1.6x Optical Zoom Lens

Equipped with a 1.6x optical zoom lens, the projector effortlessly projects a 100" screen from a distance of 2.52m to 4.13m, providing convenient flexibility for installation.

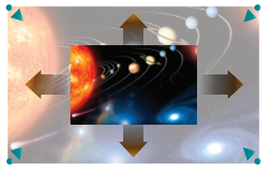
Digital Zoom Function

When upgrading school or business projectors, a consideration is whether the new projector fits the existing ceiling installation. With the newly introduced digital zoom function, the display can be proportionally reduced to fit your screen, reducing the need to reinstall the projector mount and saving time, money, and effort.



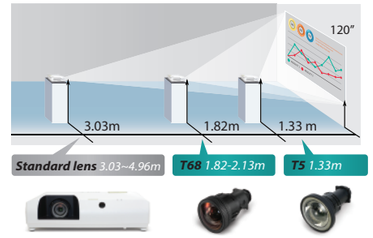
Digital Shift Function

The digital zoom is paired with a digital shift function, allowing the shrunken image to be moved vertically, horizontally, and diagonally to the desired screen position, providing greater installation flexibility.



Optional Dual Short Throw Lens

You can opt for the 0.5 fixed short-throw lens and the 0.66-0.81 short-throw lens. Choose the suitable short-throw lens based on environmental needs, accommodating various installation scenarios even in confined spaces.

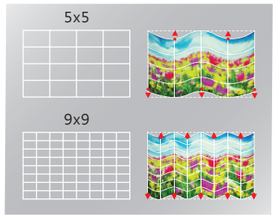


Keystone Correction Function for Curved Surfaces

This function rectifies the distorted perspective that occurs when projecting on curved surfaces due to their unique shapes, delivering natural and distortion-free visual images on curved or cylindrical surfaces.

Multi-point Correction Function

In addition to the curved surface correction, you can choose between 5x5 and 9x9 corrections to adjust the image to irregular or wavy walls, allowing for more creative projection in special exhibitions or displays.



360° Free and Flexible Installation

Featuring a 360° horizontal/vertical installation design, the projector can be used at various projection angles, including front, rear, and side projection, making installation simple and easy.

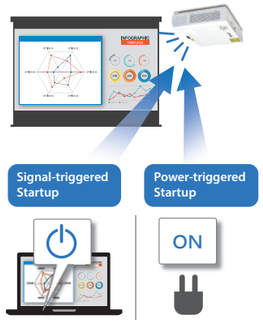
Vertical, Horizontal, and Corner Keystone Correction

With vertical, horizontal, and corner keystone correction functions, distortion caused by projecting at angles or unusual orientations is easily rectified, ensuring the projection aligns with the screen.

More Practical Features for Convenient and Simple Use

Signal-triggered Startup and Power-triggered Startup

"Signal-triggered startup" means starting the projector by sending a computer signal, suitable for scenarios requiring remote control or centralized management of multiple devices, such as server rooms or remote maintenance. "Power-triggered startup" means starting the projector by supplying power. When the plug is connected to the power source, the projector will begin its startup process. Both options are available in this series, and the choice depends on the device type, application scenario, and user preferences.



Multifunctional Remote Control

Users can use a USB flash drive to extract their preferred images or company logo and set a personalized startup screen.

No Signal Power-off Function

When there's no signal input, the projector activates the power-off function after 60 minutes (customers can choose 5, 30, 60 minutes, etc.).

Additional Features

◆ PC-free Projection (USB) ◆ Custom Startup Screen ◆ Support for PJ-Link Network Control System ◆ HDMI HDR (High Dynamic Range) ◆ HDMI CEC (Consumer Electronics Contro) ◆ HDMI ARC (Audio Return Channel) ◆ Various Image Modes, including DICOM Simulation Mode ◆ Auto Ceiling-mount Correction ◆ High Altitude Mode Support ◆ Overheat Auto Power-off Protection