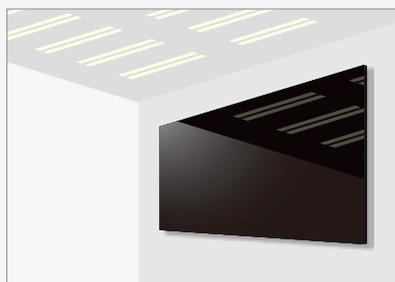Core modular video wall display — equipped with Anti-Reflection Surface Technology and slim design.

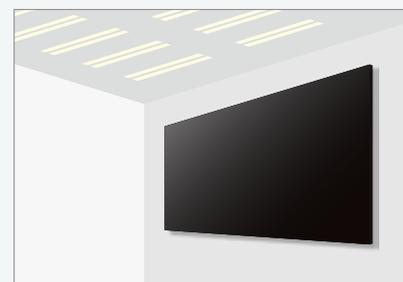## Stunningly Lifelike images, even in brightly lit spaces

Crystal LED S Series has been optimised to deliver consistently impressive images in lobbies, boardrooms, meeting rooms, lecture halls and other brightly lit public spaces.

Glare-free viewing

The display panel's Anti-Reflection Surface Technology reduces glare in brightly lit environments.

Without
Anti-Reflection Surface Technology

With
Anti-Reflection Surface Technology

Accurate natural colors

Color reproduction has been fine-tuned for authentic reproduction of skin tones, graphics, photos and videos.
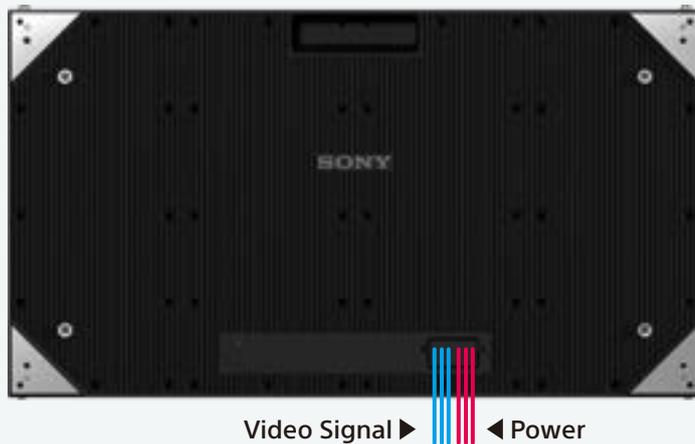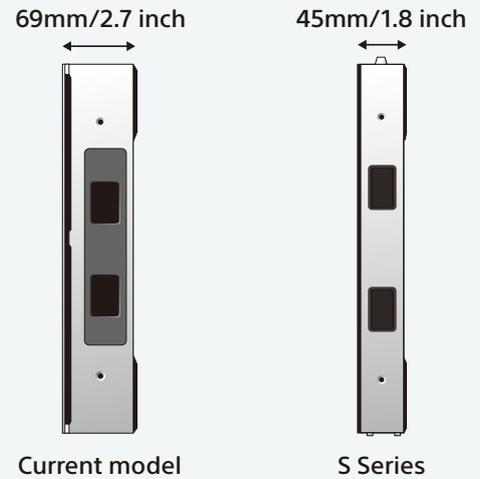
Brightness for day-to-day business usage

A brightness of 800 cd/m^2 ensures unmissable images in a wide range of corporate and educational settings.

Simplified installation

Crystal LED S Series has been designed to make life easier for system integrators.

Slim design

Just 45 mm/1.8 inch deep, the slim cabinet design of Crystal LED S Series gives greater installation flexibility in environments where space may be limited.
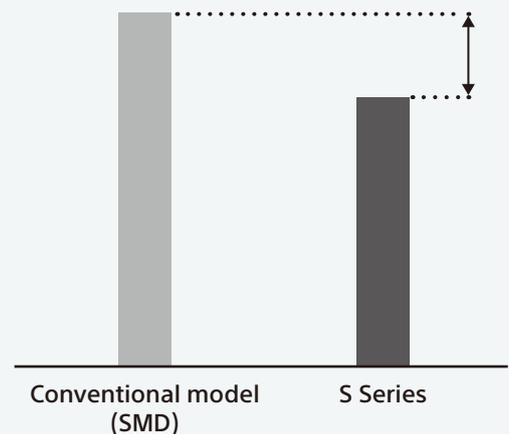
69mm/2.7 inch   45mm/1.8 inch

Current model   S Series

Tidy cable management

Cable management is simplified by an easily accessible aperture in the rear of the display cabinet.

Video Signal ▶ ◀ Power

Engineered for long-term use

Crystal LED S Series is designted to deliver the reassurance of reliable long-term operation in corporate organisations and educational institutions. Its energy efficient design contributes further to a reduction in total cost of ownership.
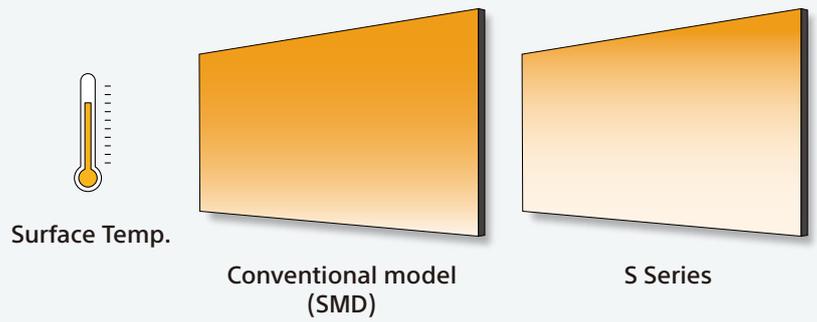
Energy efficient

Low power consumption drives down total cost of ownership, making Crystal LED S Series a compelling option for long-term operation in environments such as entrance halls and visitor attractions.

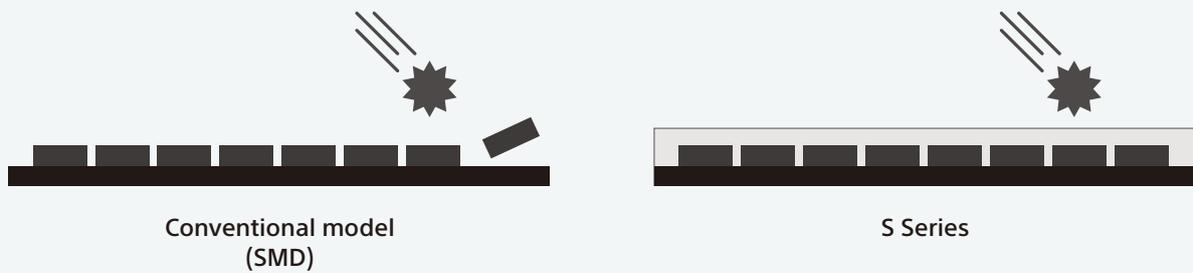Conventional model   S Series
(SMD)

Less heat emission lowers costs

Energy efficient engineering reduces temperature of the display's surface, helping minimise the need for costly air conditioning.

Surface Temp.

Conventional model
(SMD)

S Series

Surface protection

The LED panel's surface treatment offers protection against accidental contact in public spaces and high-traffic areas like lobbies and meeting rooms.

Conventional model
(SMD)

S Series

Applications

Lobbies

Lobbies

Board rooms

Meeting rooms

Lecture halls

Public spaces

Display Cabinet

Front

Rear

Compatibility with NovaStar COEX series controller, MX40 Pro/MX30

Crystal LED S Series offers smooth, seamless integration with the selected NovaStar COEX series, MX40 Pro and MX30 controller. COEX series is a high-end flagship series of NovaStar. Together with VMP (Vision Management Platform), MX40 Pro is equipped with image booster and dynamic booster. Also, by using NovaStar controller, the distance between the cabinets and the controller can be extended up to 100 m.

Specifications

Model	ZRD-S12G	ZRD-S15G
Pixel Pitch	P1.25	P1.56
Supported display controller	Novastar MX40 Pro/MX30	
Surface	Anti-Reflection Surface Technology	
Resolution (W x H)	480 × 270	384 × 216
Brightness (Max.)	800 cd/m²	
Contrast Ratio (0 lx)	1,000,000:1	
Viewing Angle (H/V)	160°/160°	
Bit Depth	22 bit Internal Processing	
Signal Interface	1 in 1 out (2 x RJ45)	
Operation Temperature	0-40 °C	
Storage Temperature	-20 °C -60 °C	
Operation Humidity	20-80 % (No condensation)	
Storage Humidity	20-80 % (No condensation)	
Power Requirements	AC100-240 V, 50/60 Hz	
Power Consumption (Max.) Calibration mode: Off	98 W (484 W/m²)	
Power Consumption (Calibrated 100 % brightness) Calibration mode: On	Less than 70 W (330 W/m²) (TBD)	Less than 60 W (290 W/m²) (TBD)
Dimensions (W x H x D)	Approx. 600 x 338 x 45 mm (23 5/8 x 13 3/8 x 1 13/16 inch)	
Mass / Weight	Approx. 5.7Kg (12.6 lb)	
Maintenance	Front	
Application	Indoor	