

# SLM R12+ Performer



## Compact size, powerful performance

When pure image quality matters, the Barco SLM R12+ Performer sets new standards in high-brightness projection technology.

The SLM R12+ Performer combines state-of-the-art DLP™ technology from Texas Instruments with Barco's know-how in electronics, optics and mechanical design. This results in images with an impressive light output of up to 11 500 ANSI lumens and exceptional image quality and video performance.

The SLM R12+ features a new generation SXGA+ DMD chip set with a 12 degree tilt angle. The current TLD lens range for SLM projectors has been purposely designed to be future-proof and fully compatible with this new DLP chip technology, allowing the projector to achieve higher light output at higher contrast ratio levels. The inter-compatibility of the TLD lens range ensures that there is no need to invest in new lenses to take advantage of the new technology in the SLM R12+. The projector is therefore the most cost effective solution for the rental & staging industry.

### Powerful performance

- Up to 11 500 ANSI lumens
- High-contrast level (up to 1500:1 in High Contrast Mode)
- Exceptional video performance
- Picture-in-Picture
- Seamless source switching and transition effects
- Linked CLO (Constant Light Output) matches brightness levels of SLM projectors in multiple-screen setups

### Compact size

- The smallest projector in its class

### Extreme versatility

- Wide range of analog and digital inputs
- A choice of motorized 'click and play' lenses
- Extreme horizontal and vertical lens shift capabilities
- High-Contrast Mode: trade-off between brightness and contrast, depending on your application
- ScenergiX multiple projector edge-blending option

### Easy to maintain

- Modular design with swappable parts
- Remote control and diagnostics through optional network interface

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## SLM R12+ Performer specifications

Light output (ANSI) <sup>(1)</sup>	11 500 lumens
Native resolution (pixels)	1400 x 1050
Input compatibility (max)	1600 x 1200
Contrast ratio <sup>(2)</sup>	1000 : 1
High Contrast Mode <sup>(3)</sup>	1500 : 1
Brightness uniformity	85%
Lamp power	2.2 kW
Lamp lifetime (maximum)	1000 Hrs
Lamp lifetime (typical)	750 Hrs
Lamp lifetime (minimum)	500 Hrs
Linked CLO <sup>(4)</sup>	Standard
Noise level	60 dBA (54 dBA in eco mode)
Vertical lens shift <sup>(5)</sup>	-15% +110%
Horizontal lens shift <sup>(5)</sup> L+R	max. 50%
Light shutter	Standard
Picture-in-Picture	Standard
Seamless switching	Standard
Transition effects	Standard
ScenergiX	Standard
Sealed DLP core	Not available
Network option slot	Yes
Network connection	Optional
Fixed inputs	5 BNC (2x) DVI (2x)
Video input with decoder	Yes (2x)
Serial Digital Input (SDI)	Yes
Free digital input slot	Yes
HD-SDI input card	Optional
Power supply	200 - 240 V
Power consumption	2750 W
Weight	56 kg (124 lbs)
Dimensions (LxWxH)	876 x 585 x 429 mm (34.5 x 23.0 x 16.9 inch)
	<p>(1) Measured with TLD 1.2:1 lens, on axis at 220 V</p> <p>(2) Full white / full black on full field</p> <p>(3) High Contrast Mode setting reduces light output to about 70%</p> <p>(4) CLO: Constant Light Output</p> <p>(5) Values given for zoom lenses</p>



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DLP™ technology by Texas Instruments offers crystal clear images with superior quality. DLP is a trademark of Texas Instruments.

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