

# 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+.

In order to further enhance its performance in this demanding market - which often means performing under very harsh conditions - new dense dust filters have been added to the SLM R12+ performer. The new dust filters offer increased resistance to external contamination, thus ensuring that the projector is less likely to suffer image degradation caused by dust contamination as well as ensuring a decrease in the required maintenance/cleaning.

The projector is therefore the most cost effective solution for the large venue presentation market.

### Powerful performance

- Up to 11,500 ANSI lumens
- High-contrast level (up to 1700:1 in High Contrast Mode)
- Dust filters to reduce the sensitivity to dust
- 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 high brightness 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

**BARCO**

Visibly yours

## SLM R12+ Performer specifications

Light output <sup>(1)</sup>	11,500 Ansi		
Resolution	1,400 x 1,050 (native)		
Contrast ratio <sup>(2)</sup>	1,250:1 (full field)		
High Contrast Mode <sup>(3) (4)</sup>	1,700:1 (full field)		
Lamp	2.2kW Xenon		
Lamp lifetime (maximum)	1,200 Hrs		
Lamp lifetime (typical)	800 Hrs		
Lamp lifetime (minimum)	500 Hrs		
Warranty universal lamphouse	1,000 Hrs		
Max. ambient temperature	35°C (95°F)		
Power consumption	2,750W		
Mains voltage	200 - 240 V		
Weight	56 kg (124 lbs)		
Dimensions (W x L x H)	585 x 876 x 429 mm (23.0 x 34.5 x 16.9 inch)		
<b>FEATURES</b>			
Scenergix	standard horizontal & vertical electronic edge blending		
Network connectivity	optional (10 base-T)		
Advanced picture in picture	2 sources simultaneous		
<b>INPUTS</b>			
Input source compatibility <sup>(5)</sup>	1,600 x 1,200 (max. input)		
Fixed inputs (standard)	2x configurable 5 cable (BNC) (incl. 2 video decoders) • 2x DVI		
Modular inputs	1x SDI (+ loop through) (standard) • 1x HDSDI (+ loop through) (optional)		
<b>ORDER INFORMATION</b>			
Projector	R9010171		
Spare lamp	R9841810		
<b>LENSES</b>			
<i>throw ratio on SLM R12+ Performer</i>			
Fixed focal lenses	TLD HB 0.8	0.75	R9842040
	TLD 1.2	1.1	R9840770
Zoom lenses	TLD HB 1.6 - 2.0	1.45 - 1.85	R9842060
	TLD HB 2.0 - 2.8	1.85 - 2.55	R9842080
	TLD HB 2.8 - 5.0	2.55 - 4.55	R9842100
	TLD HB 5.0 - 8.0	4.55 - 7.3	R9842120
Dust filters	dense, high quality microfilters available as spare kit, in a 6-pack & 24-pack		
	6-pack	R8454096K	
	24-pack	R84540924K	

<sup>(1)</sup> Measured with TLD 1.2:1 lens, on axis at 220 V

<sup>(2)</sup> Full white / full black on full field

<sup>(3)</sup> High Contrast Mode setting reduces light output to about 75%

<sup>(4)</sup> Contrast ratio's up to 2000:1 are possible in high contrast mode in combination with TLD lenses

<sup>(5)</sup> all current video sources in composite, S-VHS, RGB or component or Serial digital format  
all current proposed HDTV, extended and improved television standards (1080i, 720p, ...) computer and workstations with a resolution up to 1,600 x 1,200 most Macintosh computers direct digital interfacing with current and future digital standards



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

The information and data given are typical for the equipment described. However any individual item is subject to change without any notice. The latest version of this product sheet can be found on [www.presentation.barco.com](http://www.presentation.barco.com).

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