

SLM R12+ Performer



Compact size, powerful performance

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

The SLM Performer Series 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 12,000 ANSI lumens (13,500 Center lumens) and exceptional image quality and video performance.

The SLM Performer 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 Performer Series.

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 Performer Series. 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. This projector range is therefore the most cost effective solution for the rental & staging industry.

Powerful performance

- Up to 12,000 ANSI lumens - 13,500 Center lumens
- High-contrast level 1600:1 (up to 2000:1 in High Contrast Mode)
- Dust filters to reduce the sensitivity to dust
- Exceptional video performance
- 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 large venue projector in its class

Extreme versatility

- Wide range of analog and digital inputs
- A choice of motorized 'click and play' lenses
- High-Contrast Mode: trade-off between brightness and contrast, depending on your application
- ScenergiX multiple projector edge-blending option
- Universal lamp house

Easy to maintain

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

Low cost of ownership

- High resistance against external contamination
- Extended lamp warranty (universal lamp house)

BARCO

Visibly yours

SLM R12+ Performer specifications

Light output ⁽¹⁾	12,000 Ansi lumen • 13,500 Center lumen
Resolution	1,400 x 1,050 (native)
Contrast ratio ⁽²⁾	1,600:1 (full field)
High Contrast Mode ^{(3) (4)}	2,000:1 (full field)
Lamp	2.2kW Xenon
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) incl. carrying handle + rigging points	585 x 876 x 429 mm (23.0 x 34.5 x 16.9 inch)
FEATURES	
Scenexix	standard horizontal & vertical electronic edge blending
Network connectivity	optional (10 base-T)
Advanced picture in picture	2 sources simultaneous
INPUTS	
Input source compatibility ⁽⁵⁾	max. input: up to 1,920 x 1,080 and 1,600 x 1,200
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)
ORDER INFORMATION	
Projector	R9010171
Spare lamp (universal lamp house)	R9841810
LENSES	
<i>throw ratio on SLM R12+</i>	
Fixed focal lenses	TLD HB 0.8 0.75 R9842040
	TLD HB 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 • 6-pack • 24-pack	dense, high quality microfilters available as spare kit, in a 6-pack & 24-pack R9454096K R94540924K

⁽¹⁾ Measured with TLD 1.2:1 lens, on axis at 220 V

⁽²⁾ Full white / full black on full field

⁽³⁾ High Contrast Mode setting reduces light output to about 75% of the max. light output

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

⁽⁵⁾ 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.barco.com.

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