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Barco ELM R12 Director Specs



Barco's ELM R12 Director combines exceptional light output and high resolution with advanced signal processing to deliver a remarkable performance breakthrough for large screen video projection. Equipped with an innovative Digital Light Processing™ (DLP™) sub-system, including high-resolution Digital Mirror Devices™ (DMD™) and a state-of-the-art optical system, the ELM R12 Director delivers an ultra-high light output of 12 000 ANSI lumen. With its extreme rugged, modular design and innovative feature set, the Barco ELM R12 Director offers the ultimate display for the most demanding Rental and Staging applications.

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Related PressReleases

[PSL Expands Rental Fleet with Purchase of 60 Square Meters of BARCO DLite 7 LED Displays \(29 April 2002\)](#)
Ordernumber: R9002860


| | |
|------------------------------------|---|
| Light Output | 12.000 ANSI lumen |
| Digital MicroMirror Device™ | 3 high resolution S-XGA DMD™'s |
| Resolution | 1280 x 1024 (native) 1600 x 1200 (max) |
| Brightness uniformity | > 90% for the total screen area |
| Contrast | 450 :1 (Full White / Full Black) |
| Lamp | Lifetime (max): 1000 Hrs Lifetime (typ): 750 Hrs |
| Compatibility | Lamp Power: 3.0 kW <ul style="list-style-type: none"> • All current Video sources in Composite, S-VHS, RGB or Component or Serial Digital format • All currently proposed HDTV, extended and improved television standards (1080i, 720p,...) • Computers and workstations with a resolution of up to 1600 x 1280 pixels • Most Macintosh computers • Two digital input slots to allow for direct digital interfacing with current and future digital standards |
| Mains Voltage | 230 V |
| Power Consumption | 3.750 W |
| Ambient Temperature | 40°C (104F) max |
| Size | 1.465 mm x 760 mm x 554 mm 57,7" x 29,9" x 21,8" |
| Weight | 135 kg / 298 lbs |
| Lenses | QLD zoom lenses have been designed for high resolution SXGA projectors. Compatible with LD lenses, designed for XGA resolution projectors, but with limited shift capabilities. |
| Seamless Switching | Standard |
| ScenergiX | Optional |
| Lens Shift | QLD Lenses Motorized V shift: up to 100% Motorized H shift: up to 85% |

LD Lenses
Motorized V shift: up to 35%
Motorized H shift: up to 25%

For specific details per lens type: see lens product pages

Sealed DLP™ core

No

Network connection

Optional

Fixed Inputs

- 2 Multifunctional 5-cable inputs for the connection of RGB analogue signals with standard sync (BNC connectors) or tri-level sync, sync on green or separate sync, Standard Video signals, S-VHS signals

- 2 Multistandard DVI

- SDI input (Serial Digital Input)

Optional Inputs

One free digital input slot for optional digital input modules:

- SDI
- HD - SDI

Remote Control

- RS232 or RS422 loop-through input (D9-connector) for PC based projector control

- Communication input (D9-connector) for peripherals

- 3 pin male XLR connector for wired remote (standard remote)

- 3 pin female XLR connector for bi-directional communication (rugged remote)