

ELM R18 Director



Barco's ELM R18 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 R18 delivers an ultra-high light output of 17500 center lumen. With its extreme rugged, modular design and innovative feature set, the Barco ELM R18 Director offers the ultimate display for the most demanding Rental and Staging applications.

ELM R18 Director specifications

Light output ⁽¹⁾	18,000 c lm	DIMENSIONS
Resolution	1,280 x 1,024 (native)	
Contrast ratio	450:1 (full field)	
High contrast mode	900:1 (full field)	
Lamp	3.0kW Xenon	
Lamp lifetime (maximum)	1,000 Hrs	
Lamp lifetime (typical)	700 Hrs	
Lamp lifetime (minimum)	500 Hrs	
Max. ambient temperature	35°C (95°F)	
Power consumption	3,950 W	
Mains voltage	200 - 240 V	
Weight projector	135 kg (298 lbs)	
Dimensions (W x L x H)	632 x 1,420 x 554 mm (24.9 x 55.9 x 21.8 inch)	
FEATURES		
Scenergix	standard horizontal & vertical electronic edge blending	
Network connectivity	optional (10 base-T)	
Advanced picture in picture	2 sources simultaneous	
INPUTS		
Input source compatibility ⁽²⁾	1,600 x 1,200 (max. input)	
Fixed inputs (standard)	2x configurable 5 cable (BNC) • 2x DVI	
Modular inputs	1x SDI (+ loop through) (standard) • 1x HDSI (+ loop through) (optional)	
ORDER INFORMATION		
Projector	R9001990	
Spare lamp	R9841450	
LENSES		
Fixed focal lenses	LD 0.8	R9840420
	QLD 1.2	R9840120
Zoom lenses	QLD 1.5 - 2.0	R9840130
	QLD 2.0 - 2.5	R9840140
	QLD 2.5 - 4.0	R9840150
	QLD 4.0 - 7.0	R9840160
	QLD 5.6 - 12.0	R9840430

⁽¹⁾ measured with QLD 1.5 - 2.0 on axis

⁽²⁾ 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.events.barco.com.

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