

# DML-1200

Creativity at your fingertips



Barco's DML-1200 is the first moving digital light which can truly be used as both a high quality video projector and a super bright moving light source.

In video mode, the DML-1200 features a fully sealed DLP engine which delivers full color DLP quality video with SXGA+ (1400 x 1050 pixel) resolution. With a light output of 10,000 center lumens, the DML-1200 is twice as bright as other digital light products on the market today.

In light mode, the DML-1200 produces a perfectly circular light beam with a light output equivalent to that of a 1200W hard edged moving light – 12,000 field lumens and four times as bright as any other digital light on the market today. An internal optical dimming mechanism ensures smooth, accurate intensity control from 0 to 100% ensuring that that your fade to black is a true black, not video black (grey).

The DML-1200 also features a subtractive CMY color mixing system that allows for instant color changes as well as smooth, timed color cross-fades over several minutes. The DMD engine inside the unit is fitted with liquid cooling to ensure reliable operation.

With Barco's DML-1200, lighting designers are no longer limited to static, pre-selected patterns and colors. Any image, static or animated can be created and projected. All images are generated by the onboard media player, controlled by DMX512 or artnet protocol, from the lighting console.

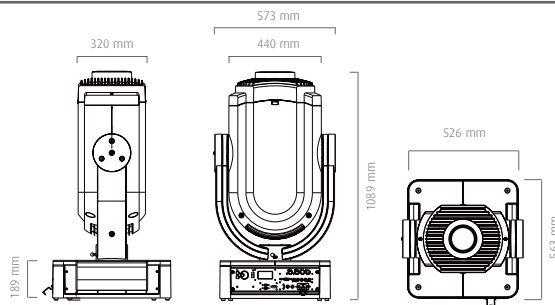
With its brightness, unlimited image selection and the ability to seamlessly switch between video projection and light mode, cue by cue, the DML-1200 provides designers pure creativity at their fingertips delivering a truly unique show for every event, client and purpose.

**BARCO**

Visibly yours

# DML-1200 specifications

Light output	<b>Video mode:</b> 10,000 ANSI lumens - <b>Light mode:</b> 12,000 field lumens
Contrast ratio	1,000:1 (all modes)
Lamp type	4 x 300 W UHP type
Lamp warranty	750 actual running hours
Lamp replacement	Click-in, no alignment needed
Color system (light mode)	subtractive color mix (cyan, magenta, yellow)
Color temperature (subtractive)	native CT > 2900°K
Color change time	0.3 second, or as timed by control console
Motion range	<b>Pan:</b> 540° (1.5x rotation) - <b>Tilt:</b> 270°
Motion speed	80° per second
Position accuracy and repeatability	0.3°
Image generation	Single-chip DLP with 3x speed RGBW color wheel
Native image resolution	SXGA+ (1,400 x 1,050 pixels)
Aperture selection	<b>Video mode:</b> Native (rectangular) or circular - <b>Light mode:</b> Circular
Intensity control	Visually linear and full field operation
Dimmer range	0 - 100% optical dimming
Intensity control speed	250 ms or timed by control console
Weight (fixture only)	approx. 72 kg
Noise level	approx. 49 dB(A) (at +25°)
Max operating temperature	40°
Power consumption	<b>@ 180 V</b> (50 Hz or 60 Hz): 1832 W / 10 A - <b>@ 264 V</b> (50 Hz or 60 Hz): 1790 W / 7A
AC power	200 - 240 V, 10 A, 50-60 Hz, input via 2m trailing cable without connector
Construction	aluminium body with plastic covers
Protection rating	IP20
<b>MEDIA PLAYBACK SYSTEM (optional)</b>	
Number of image layers	1 master layer consisting of 1 matte and 2 media layers
Optical effects	Effects per media layer, effects on the master layer
Media type	Any media type that is supported by the Hippotizer (media is converted to MPEG-2, I-frame only)
Playback system	Hippotizer V3 - Developed by Green Hippo Ltd. - Media player always inside
<b>CONTROL</b>	
Protocols	DMX512 / Artnet
Connections	5-pin XLR (in, through), RJ-45 (Neutrik Ethercon), 2x USB and VGA out for media player control
<b>INPUT</b>	
Inputs	RGBHV - HDSDI/SDI - DVI



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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](http://www.barco.com).

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