

DML-1200 w/Axon

12,000 field lumens digital luminaire with DLP projector on-board



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

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 **the brightest digital light** on the market today.

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 **the brightest digital light** on the market today.

An internal optical dimming mechanism ensures smooth, accurate intensity control from 0 to 100%. This makes sure that your fade to black is a true black and not video black. 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 Axon Media Server, controlled by Art-Net 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 with pure creativity at their fingertips, whether for fixed or professional rental and staging applications.

Rental & Staging

- Concert touring
- Car shows
- Television productions
- Advertising & branding
- Theater (Broadway shows)

Fixed installations

- Theater (Broadway shows)
- Clubs
- Theme parks

BARCO

Visibly yours

Technical specifications

Light Output	Video mode: 10,000 ANSI lumens Light mode: 12,000 field lumens
Contrast ratio	min. 1,200:1 - average 1,400:1
Lamp	4 x 300 W (High Pressure Mercury Lamps)
Lamp warranty	750 actual running hours (proportional refund)
Lamp lifetime (typical)	1,500 hours
Lamp replacement	Click-in, no alignment needed
Color Reproduction System	subtractive color mix (cyan, magenta, yellow) with dichroic filters
Color Temperature	native 6200°K - 3000°K with dichroic filters
Color change time	0.3 second, or as timed by control console
Motion range	Pan: 540° - Tilt: 270°
Motion speed	68° per second
Zoom range	defocused: 11°-40° - focused: 12°-38°
Position accuracy and repeatability	0.375° on encoders (error correction); <0.1° in normal movement
Image generation	Single-chip DLP with 3x speed RGBW color wheel
Operation mode selection	Video mode: Native (rectangular) or circular Light mode: Circular
Intensity control	Visually linear and full field operation (0-100%) combined digital mechanical
Weight	75 kg (fixture only)
Noise Level	49 dB(A) (at +25°)
Operating temperature	max. 40°
Power consumption	max. 1832 W
AC power	200 - 240 V, 10 A, 50-60 Hz, input via 2m cable without connector
Inputs	RGBHV - Component - HDS/SDI - DVI
Native image resolution	SXGA+ (1,400 x 1,050 pixels)
Blanking	horizontal & vertical, controlled over DMX
Scenergics	horizontal & vertical edge blending, controlled over DMX
Output image manipulation	H & V keystone, rotation (+15%), pincushion/barrel distortion, extensive freeform warping (max. 825 points)
Protocol	DMX512 / Artnet

Connections	5-pin XLR (in, through), 2x RJ-45 (1GB in, through), 2x USB
Number of image layers	1 global layer and up to 9 media layers
Optical effects	3 effects per media layer, 5 effects on the global layer, collage, curved surface and keystone correction, digital shutters
Media type	MPEG-2 video and .png, .bmp, .jpg still images
Playback Device	Axon Media Server v2.0