DML-1200

12.000 field lumens digital luminaire, with DLP video projector capability

WARPING

12K LUMENS

1 CHIP DLP

Product specifications	DML-1200

General 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	substractive 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);
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 -HDSDI/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 and VGA out for media player control
Number of image layers	Matte layer, layer1, layer2 (both A+B mixing), mask layer, master layer
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 Device	Based on Hippotizer V3 technology -Developed by Green Hippo Ltd.
Video input synchronisation	genlock through additional BNC connector

Last updated: 09 Jul 2024

www.barco.com

BARCO