

# CLM HD8

<P>8,000 lumens, 1080p HD single-chip DLP projector</P><br>



full HD  
1920 X 1080P

DMX  
CONTROL

8K  
LUMENS

**PRODUCT SPECIFICATIONS****CLM HD8**

Projector type	Full HD single-chip DLP digital projector
Technology	0.95" DMD™ x1 Color wheel: RGBW
Resolution	1920x1080
Brightness	8,000 center lumens 7,500 ANSI lumens
Contrast ratio	1,200:1 (standard) 2,000:1 (high contrast mode)
Brightness uniformity	95%
Aspect ratio	16:9
ScenergiX	Horizontal and vertical edge blending
Lens type	QCLD
Lenses	CLD (fix) 0.85:1 (zoom) 1.2-1.5 1.5-2.2 2.2-4.4 4.4-7.0
Optical lens shift	Vertical: -20% to +110% Horizontal: 15% (L) and 100% (R) on zoom lenses
Color correction	P7
Lamps	4x300W
Lamp lifetime	750 hours (typical) 1250 hours (maximum)
Transport with lamp	Yes
Lamp house, quick replace	Yes, auto lamp select
Customer bulb replace	N/A
Lamp warranty (field replace/ factory replace)	120 days, 500 hours
Sealed DLP™ core	Standard
Optical dower	0-100% brightness control through DMX512 signal
Picture-in-picture	Up to two sources simultaneously
Orientation	table -ceiling -(side) portrait -vertical
DMX 512	Standard
WARP	H keystone
Integrated web server	N/A
CLO (constant light output)	N/A
3D ready (optional)	Passive, circular polarized
Inputs	SDI/HDSDI, DVI (HDCP 1,3)
Optional Inputs	DVI(HDCP); 5-BNC RGBHV, RGBS/RGsB, YUV CS/SOY, Composite video, S-Video, HDSDI/SDI
Input resolutions	From NTSC up to UXGA (1600x1200), including full HD (1920x1080)
Max. pixel clock	165 MHz
Software tools	Projector Toolset
Control	XLR wired + IR, RS232

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Network connection	10/100 base-T, RJ-45 connection
Power requirements	100-240V / 50-60Hz
Max. power consumption	1600W
Noise level (typical at 25°C/77°F)	49dB(A)
Operational ambient temperature	0-40°C / 32°-104°F
Operational humidity	0-80% (non condens)
Dissipation BTU	max 5459 BTU/h
Dimensions (WxLxH)	692 x 442 x 293mm 27.24 x 17.4 x 11.53 inches
Weight	30kg (66.13lbs)
Shipping Dimensions	(LxWxH) 770 x 580 x 480mm 30.31 x 22.83 x 18.89 inches
Shipping Weight from Factory	35kg (77.16lbs)
Standard accessories	Power cord, wireless/XLR wired rugged remote control
Certifications	Compliant with FCC rules and regulations, part 15 Class A and CE EN55022 Class A, RoHS
Warranty	2 years

Last updated: 24 Feb 2021

Technical specifications are subject to change without prior notice. Please check [www.barco.com](http://www.barco.com) for the latest information.