

Data sheet LUXBEAM LE 4960H UV-388

Electrical connections	Signal	Connectors
Power supply	12VDC – 500W	XLR 3pin
Image / control data - GBit Ethernet	1000BASE-T (IEEE 802.3)	RJ45
Electrical sync (In and Out)	RS 485	RJ9
Optical sync (In and Out)	820nm	SC type for optical fiber 62.5/125

LuxBeam 4600 performance	Figure	Comment
Max frame rate [Frames/Sec]	19500	Binary (black/white) images
Onboard memory [GByte]	4	
SW interface		On board web server (Only web browser is required on host PC) and Ethernet UDP command interface
High speed GPIO	LVDS	SAMTEC VRDPC 36pin (Requires optional FW module)

Optical characteristics	LE 4960H UV-388
Native DMD resolution	1920 x 1080
Aspect ratio	16:9
Power (at image plane) [W]	3.2
Vignetting [%]	75
Power uniformity after digital flatness correction * [%]	99
Power after flatness correction [W]	2,4
Pixel size [µm]	Lens 1: 50 (96x54 mm image size)
Standard lenses	Lens 2: 75 (144x81 mm image size)
Throw distance [mm]	Lens 1: 210 Lens 2: 240
Wavelength [nm]	388
Light source	LED
Contrast ratio	Typical 1300:1 (full ON/full OFF)

*Optional

Custom lens design is available as option

Physical dimensions/ Power consumption	LE 4960H UV-388
Power consumption	120W
Weight [Kg]	4.0
Physical size (h x w x l) [mm] (w/ standard lens)	195 x 230 x 290

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