

Technical specification of Ultra Short Throw Projector

Quantity: 6 nos

Display Technology	DLP
Native Resolution	WUXGA 1920 x 1200
Brightness	6000 ANSI uniform or more
Contrast	2,000,000:1 Extreme Black enabled (2000:1 full on/off)
Light Source	Laser
Minimum Life of Light Source	20,000 hours
Lens Options	Compatible lens with throw ratio 0.75 (lens must be straight as per project requirement, U type lenses may not be permissible)
Throw Ratio	0.75 or less with lens
Zoom Type	Motorized
Lens Shift	Motorized lens shift
I/O Connectors	HDMI x2, VGA, DVI-D, HDBaseT, VGA out, RS232C Wired Remote in, 3D Sync in, 3D Sync out, RJ45
Keystone Correction	±20° Vertical, ±20° Horizontal
Weight (Kg)	20 or less
Aspect Ratio	16:10 Native, 16:9 and 4:3 Compatible
Projection Screen Size	50" ~ 300" (with lens)
Projection Distance	0.81 ~ 35.54m (with Lens)
Uniformity	90%
Computer Compatibility	WUXGA, HD, UXGA, WXGA, SXGA+, SXGA, XGA, SVGA, VGA Resized, VESA, PC and Macintosh Compatible
Video Compatibility	PAL (625/576i/p), SECAM, NTSC (525/480i/p), HDTV (720p, 1080i/1080p)
3D Support	Full 3D
3D compatibility	Side-by-Side: 1080i50 / 60, 720p50 / 60 Frame-pack: 1080p24, 720p50 / 60 Over-Under: 1080p24, 720p50 / 60
Horizontal Scan Rate	15 – 91kHz

Vertical Scan Rate	24 – 85Hz (120Hz for 3D) or more
Displayable Colors	1073.4 million colors (10 bit) or more
Noise Level	40 dB or less
Power Supply	100-240V, 50Hz, auto-switching
Power Consumption	700W +/- 15%
Lamp Type	Laser Phosphor
Operating Temperature	0 ~ 2500 ft, 5 ~ 45°C, 2500 ~ 5000 ft, 5 ~ 35°C, 5000 ~ 10000 ft, 5 ~ 30°C or equivalent
360-operations	Yes
Portrait Mode	Yes
Mounting for the projector	Must be provided with the Projectors
BIS registration	Yes, and compliance with RoHS or FCC
Warranty:	3 years or more onsite comprehensive warranty with materials and labour

All the Projectors must be in same batch as all of them are going to fitted in a synchronous way so, no color distortion or brightness are deviated from each other

OEM authorization letter for the tender is required

Compliance Sheet

Sl	Specification	<u>Yes / No</u>
1	Projection Technology: DLP	
2	Colour & White Light Output: 6000 ANSI Lumen or more	
3	Resolution: WUXGA 1920 x 1200	
4	High Definition: FHD	
5	Throw Ratio : 0.75 or less with lens	
6	Contrast Ratio: 2,000,000:1 Extreme Black enabled	
7	Light source: Lamp	
9	Color Processing: 10 Bits	
10	Vertical Refresh Rate: 24 – 85Hz (120Hz for 3D) or more	
11	Color Reproduction: 1.07 billion colors	
12	3D compatibility	
13	Lens Shift: Motorized lens shift	
14	Keystone Correction ±20° Vertical, ±20° Horizontal or more	
15	Power Supply: 210 V-240V, 50 Hz	
16	Image Size: 50" ~ 300" (with lens)	
17	Noise Level : 40 dB or less	
18	Minimum Life of Light Source : 20000 hrs	
19	BIS registration: Yes, and compliance with RoHS or FCC	Attach the certification
20	On Site OEM Warranty for Light Source (Time or Life in Hours whichever is earlier) Warranty: 3 years or 15000 hrs	