



# LightStyle Projectors



## LS-12d

Specification	Detail
Projector Type	3-chip Texas Instruments Digital Light Processing™ (DLP), SuperOnyx™ DMD™, 3D capable
Native Resolution	Full HD 1920 x 1080 (1080p)
Aspect Ratios	16:9, 4:3, Letterbox, VirtualWide, Cinema, VirtualCinema
Video Standards	NTSC, PAL, SECAM, CEA-861D
DTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p 24/50/60/100/120
Throw Distance Factor x Screen Width	Proteus 1: Fixed 0.77:1 (for rear-screen applications)* Proteus 2: Zoom 1.45 - 1.74:1 Proteus 3: Zoom 1.74 - 2.17:1 (with CineWide 1.30 - 1.63:1) Proteus 4: Zoom 2.17 - 2.90:1 (with CineWide 1.63 - 2.17:1) Proteus 5: Zoom 2.90 - 4.34:1 (with CineWide 2.17 - 3.26:1) Proteus 6: Zoom 4.34 - 6.76:1 (with CineWide 3.26 - 5.07:1) CineGlide standard throw 14-24 feet (4.3 to 7.3 meters) typical CineGlide Focus Match 1 17.5-20.5 feet (5.2 to 6.3 meters) typical CineGlide Focus Match 2 20.5-24.0 feet (6.3 to 7.3 meters) typical CineGlide Focus Match 3 24.0-29.0 feet (7.3 to 8.8 meters) typical CineGlide Focus Match 4 29.0-40.0 feet (8.8 to 12.2 meters) typical *Varied tolerance up to 5%
Horizontal & Vertical Offset	Vertical: Up to 65% of image height down or up from screen center Horizontal: Up to 30% of image width left or right from screen center (Proteus 1 has no offset capabilities)
Light Output	CSMS Specifications: Home Theater Calibration: 1845 ANSI Lumens; 119 Foot-Lamberts (fL); 2,100 ANSI Lumens (uncalibrated)
Contrast Ratio	CSMS Contrast Ratio: >250:1 (ANSI); 10,000:1 sequential
Lamp	230/260W (selectable) HPM lamp
Lamp Life	2000/3000 hours typical (Standard/Economy Mode)



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Inputs	See Dimension Digital Controller DC-300 specifications
Power Requirements	100 VAC to 240 VAC +/- 10% @ 50/60Hz < 400W maximum
Operating Environments	Temperature: 50-104 °F (10-40 °C) Humidity: 0-85% relative humidity (non-condensing)
Regulatory Approvals	FCC Part 15 Class B, CE Class B, UL, cUL, CB, RoHS, WEEE, local conformances as required
12V Output	See Dimension Digital Controller DC-300 specifications
Picture Size (16:9 Screens)	Recommended Width: 72 - 120 in. Maximum Width: 180 in.
Dimensions	Width: 20.4 in. (519 mm) Height: 8.9 in. (225 mm) Depth: 25.3 in. (643 mm)
Lamp Warranty	1000 hours or (6) Six months, whichever comes first
Weight	41 lbs. (18.5 kg)
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Limited Warranty	Projector: (2) Two years parts and labor from the date of shipment from Runco. Extended RuncoCare™, Red Carpet™, and PremierCare™ also available.
Processor	Runco Dimension™ Digital Controller with Vivix™ technology and single cable display connectivity
Control	RuncoLink, Ethernet, RS-232, IR remote
Calibration	ISF Certified Calibration Configuration
Color Gamut	> BT.709 (REC709)
Lens System	Motorized focus, zoom, vertical and horizontal offset
Refresh Rate	2D 50/60; 3D 100/120
3D Technology	Frame sequential, active shutter

For more information visit [www.Runco.com](http://www.Runco.com) or call 800-237-8626 or +1-503-748-1100.

Specifications are subject to change without notice.

Specification Report Date: 6/25/2012