



RUNCO® LIGHTSTYLE™

LS-10d PROJECTOR

LightStyle™

Setting the standard for performance and value the LightStyle™ LS-10id combines state-of-the-art 3-chip 1080p DLP-based SuperOnyx™ technology. The LS-10d ships with Runco's award-winning Digital High-Definition (DHD) external video processor offering the same processing and scaling as well as IR and RS-232 control and enables individual display calibration through the controller.



Projector Type:	3-chip Texas Instruments Digital Light Processing™ (DLP), SuperOnyx™ DMD™
Native Resolution:	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 50/60, 1080p 24/50/60
Picture Size (16:9 screens):	Recommended Width: 72 - 120 in. Maximum Width: 180 in.
Throw Distance	Proteus 1: Fixed 0.77:1 (for rear-screen applications)
Factor x Screen Width:	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)
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)
CSMS** Contrast Ratio:	CSMS Contrast Ratio: >250:1 (ANSI); 10000:1 full-on, full-off (dynamic)
Lamp Life:	2000/3000 hours typical (Standard/Economy Mode)
Lamp:	230/260W (selectable) HPM lamp
Inputs/Output:	See DHD Controller Specs
Power Requirements & Consumption:	100 VAC to 240 VAC +/- 10% @ 50/60Hz & 400W maximum
Processing:	Runco DHD4 Processor 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
Operating Environments:	50° - 104°F (10° - 40°C), 0 - 85% relative humidity (non-condensing)



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Dimensions:	Width: 20.4 in (519 mm) Height: 8.9 in (225 mm) Depth: 25.3 in (643 mm) Weight: 41 lb (18.5 kg)
Regulatory:	FCC Part 15 Class B, CE Class B, UL, cUL, CB, RoHS, WEEE, local conformances as required
Limited Warranty:	Projector: Two years parts and labor from the date of shipment from Runco. RuncoCare™ and Runco RedCarpet™ plans are also available.
Lamp Warranty:	1000 hours or (6) Six months, whichever comes first.



DHD CONTROLLER



Runco DHD 3 Controller Specifications:

Aspect Ratios:	4:3, 16:9, Anamorphic, Letterbox, VirtualWide™, Cinema, Virtual Cinema™, Native
Video Standards:	NTSC, PAL, SECAM, ATSC
Output Resolution:	1080p
Output:	(1) HDMI, (1) RS-232
Inputs:	(1) Composite; (2) S-Video; (1) HD Video/Computer, R (Pr), G (Y), B (Pb), H, V – RCA connectors; (2) HD Video/Computer, R (Pr), G (Y), B (Pb), H, V, – BNC's; (1) HD Video/Computer – 15-pin D-Sub connector; (2) HDMI with HDCP
Communication Control Ports:	Discrete infrared remote (wired/wireless) Serial commands via RS-232 Front-panel controls
Screen Trigger/Masking Outputs:	(3) +12 VDC, each rated at 250 mA with overcurrent protection
Bandwidth:	170 Mega Samples per Second (MSPS)
Power Requirements:	100 – 240V AC (auto-sensing), 50/60 Hz, 40 watts
Operating Environment:	41°F – 104°F (5°C – 40°C), 0% – 85% Humidity (non-condensing)
Dimensions:	Width = 17.50 inches (444.5 mm) Depth = 11.19 inches (284.1 mm) Height = 3.75 inches (95.3 mm) Weight: 15.5 lbs. (7.0 kg)
Included Accessories:	Rack mounting brackets
Regulatory Approvals:	Complies with FCC, CE C-Tick
Limited Warranty:	(2) Two years parts and labor from the date of delivery from Runco