SIM2 D80E

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SIM2	D80E
/ / /	1 chip DMD 0.95 1080p DarkChip3? Resolution
110-240Vac ± 10% (48/62Hz) V	160 w
15-80kHz/48-100Hz; 24 Hz (1080p only)	1920x1080
900	1.5-2.0.1
50-200 cm	

light enginetechnology	1 chip dmd 0.95" 1080p darkchip3™ resolution
lens	high quality, high resolution optics with both motorized zoom and focus adj.
full brilliantcolor™ technology and new color wheel (with primary and secondary colors)	
lamp power & average life time*	160w, 4000 hours

installationthrow ratio	1.5-2.0.1
lens shift	v+50% /-33%
digital keystone adjustment	v+/-18°
picture size (inches diagonal)	50-200
aspect ratio	4:3, 16:9 anamorphic, letterbox, panoramic, pixel to pixel + 3 custom-user adjustments

electronicshoriz. & vertical scan frequency	15-80khz/48-100hz; 24 hz (1080p only)

video & graphic standards	pal (b,g,h,i,m,n,60); secam; ntsc 3.58; ntsc 4.43 automatically selected;
hdtv	atsc (480p, 720p, 1080i, 1080p); 576p + 1080i 50hz + 1080p 24hz.
pc graphic	vga, svga, xga, sxga, uxga
contrast ratio (full on / full off)	>4500:1
format board	10 bit
video processor	built in
special video adjustments	memories/overscan new live colors management software full brilliantcolor™ and unishape™ technologies

inputs/outputs analog	1 x composite video (rca)
	1 x s-video (mini din 4 pin)
	1 x rgbs/ycrcb (4x rca)
	1 x rgbhv (d-sub 15 pin)
digital	1 x hdmi™ - hdcp (vers. 1.3 with deepcolor)
control	1 x rs232 (d-sub 9 pin)
miscellaneous	2 x out 12v 100ma on jack connectors

general specifications software control	upgradeable via rs232 serial interface
power consumption	250w max
mains voltage range	110-240vac ± 10% (48/62hz)
dimensions (wxhxd)	350x173x318 mm (13.9" x6.85" x12.5")

accessories supplied	installation and user manual
	ac power cords (eu, uk and usa) 6.6 ft (2m)
	remote control and batteries

the domino d80e is the flagship of the sim2's domino home theatre projector series. based on the award-winning d80 model, this 'evolution' version builds on the outstanding performance of the impressive original.

the "evolution" enhancement of the d80e makes great use of a sophisticated technology originally developed for use in sim2's grand cinema series' models, namely unishape™ lamp technology. when used in conjunction with brilliantcolor™ colour enhancement, the millisecond-precision of the dynamic unishape™ lamp system takes the performance of d80e to an altogether higher level. with a wider, more vivid colour palette on offer, along with improved contrast and increased light output.

this full hd specification home theatre projector

utilizes texas instruments' darkchip3™ 0.95" 1080p dlp® (1920 x 1080 [pixel](#) [resolution](#)) chipset in its design, this is integrated into sim2's patented alphapath™ light engine to deliver outstanding high definition images on-screen. the d80e also enables standard definition sources to be reproduced at 1080p resolution, thanks to sophisticated 10-bit video processing electronics.

 the domino d80e is compatible with all video standards (including 1080p@24fps) and offers a wide choice of both analogue and [digital](#) source inputs, including [hdcp](#) compliant [hdmi](#), making it eminently suitable for use with today's hd devices. available in either matte black or matte white cabinet colour.