

Cineo82

high performance projector for large preview suites and theaters



The cineo82 features high-class optical color processing technology. By combining fixed and motorised optical filters for each color channel (red, green, and blue) the projector can be optically calibrated with near infinite accuracy. It also means that by the flick of a switch, you can change the projected color gamut from REC709 (High Definition programming), to comply with DCI for instance. All this without any loss of bit depth, as the compensation is purely optical, and not electronic. Unlike competing projectors, where color calibration is based upon a simple yellow notch filter to change the green point of the picture, or simply by changing electronic values, ACOP gives vastly superior performance on all important levels. The REC 709 and DCI are color models optimized for video, where red, green, and blue light are added together in various ways to reproduce a broad array of colors.

Product specificaties

CINE082

General specifications

Concept	Advanced Color Optical Processing with motorized filters and optical colour space conversion.
Resolutie	1080p (1920 x 1080)
helderheid	Up to 6500 lumens (Infinite brightness adjustment variation with IRIS and lamp power settings to fit a specific requirement on a specific screen size.)
Contrast	Up to 15000 : 1
Technologie	3-chip DLP technology
Beeldverhouding	16:9 (1080p)
Beeldschermkleuren	30-bit RGB
Latentie	~22 ms with graphics and digital inputs
Grafische indelingen computer	up to 1920 x 1200 pixels
Horizontale scanfrequenties	15 -150 KHz (resolution dependant)
Verticale scanfrequenties	48 -190 Hz (resolution dependant)
Videoformaten	HD1V (1080p, 1080i, 720p) NTSC, PAL, SECAM
Lenswerking	Motorized zoom, Focus, Shift, Iris and Mechanical shutter
Lenzen	Standard projection lens

- Lens number:
EN21 / 503-0136-02
- Focus range: 1.9 - 20.0 m
- Throw ratio
 - 1.70 - 2.55 : 1 (1080p)

Ultra Wide Angle

- Lens number:
EN22 / 503-0172-02
- Focus range: 0.7 - 5.7 m
- Throw ratio
 - 0.74 : 1 (1080p)

Wide Angle Zoom

- Lens number:
EN23 / 503-0173-03
- Focus range: 1.8 - 15.0 m
- Throw ratio
 - 1.20 - 1.70 : 1 (1080p)

Short Tele Zoom

- Lens number:
EN24 / 503-0174-02
- Focus range: 5.0 - 20.0 m
- Throw ratio
 - 2.50 - 4.00 : 1 (1080p)

Long Tele Zoom

- Lens number:
EN26 / 503-0176-02
- Focus range: 5.0 - 25.0 m
- Throw ratio
 - 3.90 - 6.24 : 1 (1080p)

Beeldbreedte	2 -8 m
Lichtbron	2 x 330W UHP
Levensduur lamp	Up to 2000 hours (Full power) Up to 2500 hours (Eco mode)
Computeringangen	1 x DVI-D 1 x HDMI 1.3a 1 x 5-BNC 1 x VGA
Video-ingang	1 x HDMI 1.3a 1 x S-video 1 x Composite 1 x HD-SDI (option)
Controlemogelijkheden	1 x RJ-45 TCP/IP 2 x 9-pin D-SUB RS232 1 x USB 2 x 12V programmable trigger (3.5mm mini jack) 1 x Wired Remote 3.5mm mini jack
Afmetingen	501 x 250 x 604 mm (WxHxD)
Gewicht	24 kg
Voedingsvereisten	12.5A / 6.5A, ~100-120V / 200-240V, 50-60Hz
Conformiteiten	CE, FCC Class A, UL, cUL and cCSAus
Bedrijfstemperatuur	0 -40 °C
Opslagtemperatuur	-20 -60 °C
Hoogte	Up to 2000 m
Vochtigheid in bedrijf	20 -80% RH
Vochtigheid bij opslag	10 -90% RH
Kleur	Soft touch rubber matte black
Garantie	3 years, 500 hours or 90 days on lamp (whichever comes first) up to 3 years warranty extension available conditions apply
MTBF	15,853 hours
BTU/uur	

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