projectiondesign®
HIGH PERFORMANCE PROJECTORS

p r e l i m i n a r y

ecinema projector series
cineo30 1080

- true 1080p resolution
- Full BrilliantColor™
- up to 6500 ansi lumens
- Failsafe DuArch™ operation

The cineo30 1080 responds to market requirements where more brightness, more power, and a higher image quality is needed. With full 1080p HD and a wide range of brightness and configuration options, it prime time.

True HD digital eCinema projector

The new projectiondesign cineo30 1080 is the first true HD single chip 1080p projector to utilise Texas Instruments® new BrilliantColor™ technology to its full extend. With better colours, a higher dynamic range, and a much better image quality than any single chip DLP™ projector before it, it has been designed to fit into demanding applications such as post production and grading suites, or larger auditoriums and cinemas

BrilliantColor™ technology

By utilising BrilliantColor™, the cineo30 1080 has a wider gamut, with better colour saturation, and truer colours than ever before. New colour wheel technology allows adding not only RGB, but also Cyan, Magenta, and Yellow to the picture, which means less colour contamination, and extra saturation to the natural colours that are incredibly difficult to display with only red, green, and blue primary colours. In addition, BrilliantColor™ adds mid range punch and extra brightness, allowing for a much more dynamic video experience, and with better suitability for larger sceens.

Designed for reliability

The cineo30 1080 shares numerous features with its professional product siblings to provide failsafe operation. At the heart of the projector sits the patented DuArch™ illumination architecture that allows for Hot Swapping of lamps while still in operation, and keeping the image on screen. DuArch™ features dual colour wheels, dual illumination optimisers, and dual illumination optics. For monitoring, a backlit LCD status panel is available for immediate and configurable status overview and events logging. In addition, direct view status lights are available, driven by the lamps themselvs, so there is no doubt whether all systems are OK. It also features complete control and asset management over TCP/IP from any remote computer, using standard tools.

Configuration options

The cineo30 1080 can be set up with any one of six different projection lenses, covering a wide range of projection ratios, from ultra wide to ultra long throw, ensuring it fits in any installation. Matching that with the range of available colour wheels, and most requirements should be taken care of.

DLP
TEXAS INSTRUMENTS

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High performance optics

The key to optimum image quality, and installation flexibility is ensured with a wide range of projection lenses, covering every need from 0.79 – 6.5 : 1. All lenses are user replaceable and can be shifted ±125% vertically and ±90% horizontally, giving a total freedom in placement of the projector.

RealColor and BrilliantColor™

Our proprietary RealColor technology simplifies set up routines and calibration, and ensures a near perfectly rendered image with any given input source. By combining it with Texas Instruments® BrilliantColor™ technology, a wide gamut, strongly saturated image is projected.

High Brightness

The cineo30 1080 outputs enough brightness to easily fill an 8m wide screen to the SMPTE specifications, at 14ftL off-screen reflected light. For smaller screens, the brightness can be reduced to still fill the exact same requirement, with prolonged lamp life.
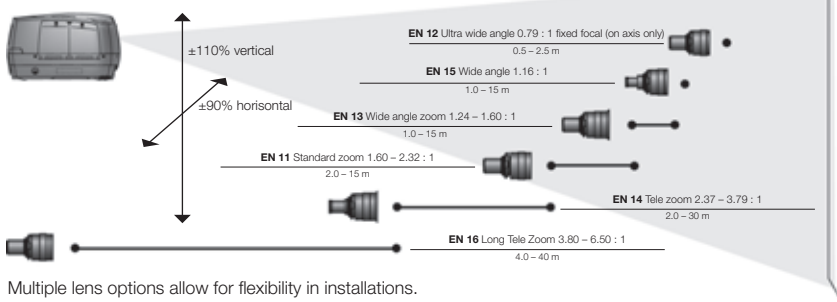
projectiondesign ProNet asset management

Optional asset management software allows easy management in large site installations, or even multi-site installations, supporting hundreds of projectors from a single interface.

Technical Specifications — cineo30 1080

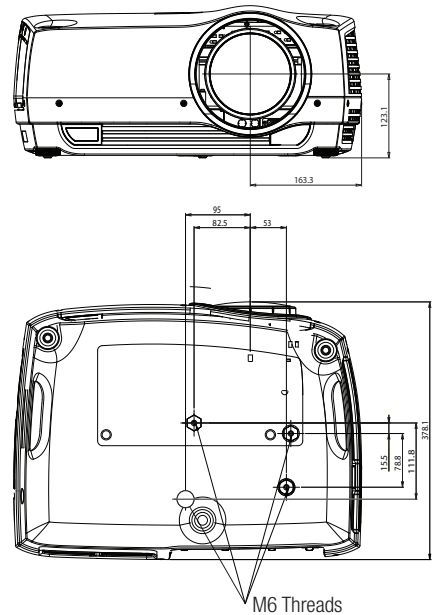|		
projector		1080p HDTV DLP™ digital projector
display	technology	0.95" 1080p DC3™ DMD™ (Digital Micromirror Device)
	resolution	1920 x 1080 pixels (full 1080p HDTV)
	brightness	up to 6500 ANSI lumens (typ)
		>14ftL at 8.5m wide screen at 1.8 gain
	contrast ratio	up to 7500 : 1 (user configurable)
	aspect ratio	16 : 9, 1.85, 2.35 and 1.33:1 compatible
	colours	24-bit
optics and lamp	available lenses	six options covering 0.79 - 6.5 : 1
	focusing distance	up to 40m
	optical lens shift	Vertical: ±125%
		Horisontal: ±90%
	lamps	2x300W UHP™
	lamp life	1700 hours full power mode, 2200 hours at 80%
connectivity	digital video	HDCP encrypted DVI-D
		1080p (48, 50, 59.94, 60 Hz)
	optional input panel	external Crystalio II video processor
	asset management	projectiondesign ProNet – client/server based asset management for large, multi-side installations
	control	RS-232 / TCP/IP / IR
general	operating noise level (typ)	30 dB (A) at 20ºC/ 68ºF, sea level
	dimensions (dwh)	376 x 510 x 223 mm (excluding lens)
	weight	12.6 kg (excluding lens)
	supplied accessories	IR remote control, cable kit
	power requirements	90 – 240 VAC, 50/60 Hz, +/- 10%, <1050W
	conformances	CE, CSA "C/US", FCC Class A, CCC
	available colour	black metallic, silver metallic
	warranties	3 years parts and labour, 500 hours or 90 days on lamp, conditions apply

Wide range of projection lenses

±110% vertical
±90% horisontal

EN 12 Ultra wide angle 0.79 : 1 fixed focal (on axis only)
0.5 – 2.5 m

EN 15 Wide angle 1.16 : 1
1.0 – 15 m

EN 13 Wide angle zoom 1.24 – 1.60 : 1
1.0 – 15 m

EN 11 Standard zoom 1.60 – 2.32 : 1
2.0 – 15 m

EN 14 Tele zoom 2.37 – 3.79 : 1
2.0 – 30 m

EN 16 Long Tele Zoom 3.80 – 6.50 : 1
4.0 – 40 m

Multiple lens options allow for flexibility in installations.

Standardised bolt-on ceiling mount interface

123.1
163.3
95
82.5
53
37.8.1
15.5
78.8
111.8

M6 Threads

Available versions

Colour Wheel	
VizSim (RGBCMY) (standard)	101-0190-xx
Graphics (RGBCYW) (option)	
High Brightness (RGBCYW) option	(tbd)
Available colours: black metallic -08 (standard), silver -14 (option)	

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