

# CINELUX

# Première



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# CINELUX PREMIÈRE

Cinelux Première f/1.7...4.0



**The most efficient Cinema projection lens, with f/1.7 maximum aperture and variable iris**



Maximum aperture of f/1.7 provides up to 40% more light on the screen compared to conventional f/2.0 standard lenses



The continuous variable iris between f/1.7 and f/4.0 quickly and easily achieves optimal screen illumination for any format

The Cinelux Première is a revolutionary new cinema projection lens. With aspheric lens technology and a variable iris, it is simply the sharpest, brightest, most uniformly illuminating cinema projection lens ever made. Now you have more choices than ever before to flexibly design and adjust your projection optics and image quality. With a relative aperture of f/1.7, the Cinelux Première allows transmission of up to 40% more light than a traditional f/2 lens. At maximum aperture the new Cinelux Première can illuminate larger screens than ever before. In some cases this will allow the use of a smaller xenon bulb, significantly reducing operating costs.

The variable iris may be adjusted from the maximum aperture of f/1.7 to a minimum of f/4.0, allowing you to adjust image brightness with the lens aperture. This variable iris can be used to balance light levels between different film formats and to adjust brightness as xenon bulbs age. In addition, when sufficient light is available (e.g. with shorter distance and smaller screens), the variable iris can be stopped down to achieve even higher image quality and increased depth of focus.

This new lens range is available in focal lengths from 32.5 mm up to 100 mm in increments of 2.5 mm. Integrated anamorphic lenses are available from 42.5 mm up to 100 mm.



PREMIÈRE 1.7/32.5



PREMIÈRE 1.7/60



PREMIÈRE 1.7/80



## Illumination test chart comparison between a conventional standard lens and Cinelux Première

The revolutionary Cinelux Première lenses project up to 40% more light than a standard f/2 lens, while producing images with superb edge-to-edge illumination, greater depth of focus (when stopped down), rich color saturation, true blacks and ultra-high contrast. The resolution provided by the Cinelux Première delivers an incredible consistency throughout the entire image area of any screen.

See a test which compares the light intensity and the uniformity of illumination between the 40 mm f/2 house lens (upper chart) and the new Cinelux Première (lower chart). The test was done in a conventional Multiplex cinema hall with an USL light meter™. All values are in foot lambert, and the grey tones are converted directly from the measured foot lambert values into equivalent percentage points.

3.5	4.6	5.6	6.2	6.6	6.4	5.8	5.2	4.2
5.0	6.2	7.6	8.6	9.0	9.0	8.0	7.0	5.6
5.6	7.0	8.0	9.0	9.4	9.2	8.2	7.2	5.6
5.8	7.0	8.0	8.8	9.0	8.8	8.0	7.0	5.4
5.0	6.4	7.2	7.8	8.2	7.8	7.0	6.0	4.4

House lens 2.0/40

7.0	8.4	9.6	10.2	10.4	10.4	10.2	9.4	8.2
8.0	9.4	10.4	10.8	11.0	10.8	10.4	10.0	8.8
8.6	10.0	10.8	11.0	11.0	11.0	10.4	10.0	8.8
8.8	10.0	10.6	10.8	10.6	10.6	10.4	9.8	8.6
8.4	9.6	10.2	10.4	10.4	10.2	9.8	9.2	8.0

Cinelux Première 1.7/40

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