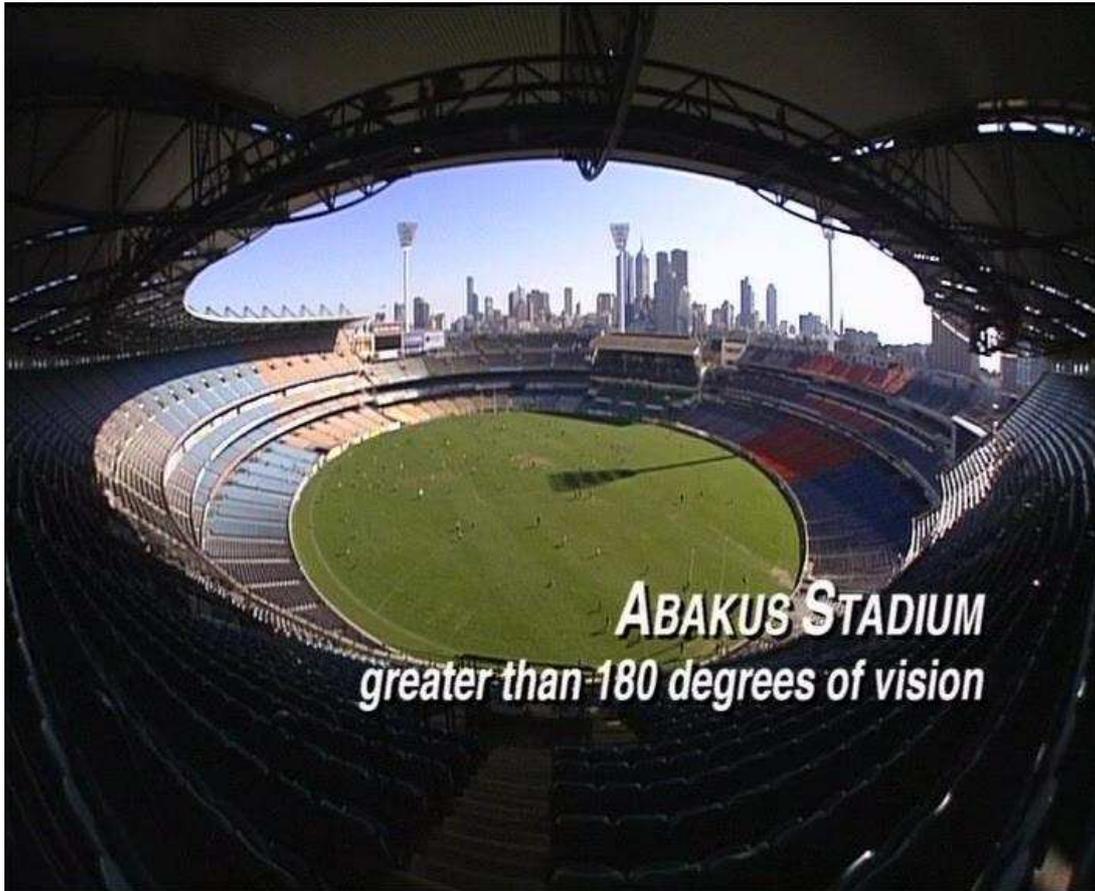


Stadium Lens



(Picture courtesy of Lemac, Australia)

The Abakus High Definition Stadium lens is a fast (f1.8) lens which enables ultra-wide vision shots. The angle of view is greater than 180° , the diagonal angle being a full 210° , making it possible to include a huge arc of vision on a single shot. With this type of lens, technically known as an F-theta lens, distortion in any one sector of the shot is minimal. When viewing a curved scene, such as inside a stadium, curvature is minimal even at the edges. This makes it the ideal lens for shots at events such as pop concerts, soccer, athletics, motor races and theme parks.

This lens is revolutionary in the market due to the breadth of arc of vision. There are no TV lenses available with anything like as wide a vision as this. Previous general views in stadia were often taken from high up, with the use of a crane, giving only a birds-eye view and where roofs of the stadium tended to interfere with the overall view. The Abakus Stadium lens can be used at any level and can thus pick up more detail and be among the crowd, or give a players view of the stadium, to pick up the excitement and atmosphere of any event.

Although the Abakus Stadium lens was initially designed to enable High Definition (HD) quality, specified versions are available to suit Standard Definition (SD) cameras. Also, with the use of our Abakus Super-16 Adapter the lens can be used for super-16 cinematography. (See Stadium Lens for super-16.) All with no loss in quality.



Awards:

October 2000. SatisFacit award winning Abakus Stadium lens

Created in 1991, the SatisFacit awards are given each year at the SATIS show (le Salon des Techniques de l'Image et de Son) to a manufacturer or distributor of technologically innovative new products emerging on the French market. Our French distributor EMIT presented the Stadium lens in 2000 on behalf of Abakus and it won the lens innovation section for this revolutionary new product.

September 2000

Abakus Stadium Lens made its professional debut at the 2000 Sydney Olympic Games. Here the lens was suspended looking down on the main arena and was used most effectively for the culmination of set pieces during the opening ceremony. The Abakus Stadium lens is ready and waiting for a multitude of exciting uses to be devised by camera users with imagination and artistic vision.

Technical Specification

Nominal Focal Length	3.5mm	Focus Range	1.0m to Infinity
Relative Aperture	f/1.8 (T1.9)	Focus Movement	85°
T Scale Range	T2 to T16 & fully closed	Mounts Available	"B4"

Image Size	11.0 mm diameter	Filter Provision	One or two fixed 40.5mm or one rotatable 40.5mm
Iris Movement (T2.0 to T16)	75°	Weight	2.1kg
Light Transmission	90% nominal	Length	195mm to mount
Angles of view for 16x9 format	Vertical (5.393mm) 90° Horizontal (9.587mm) 170° Diagonal (11.0 mm) 210°	Maximum Width	130mm