

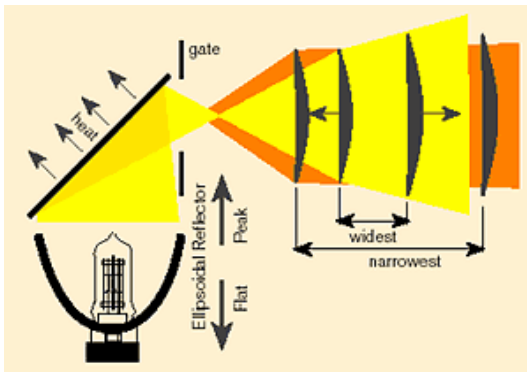
What is an Ellipsoidal Zoomspot?

A zoomspot is a precise optical instrument, principally used for frontal stage lighting from auditorium lighting positions; precise area illumination and for pattern (gobo) projection. Light is collected into a gate where it can be accurately shaped using four masking shutters with the beam angle then defined by independently adjustable lenses.

The beam is ideal for high definition pattern (gobo) projection and razor sharp shaping of the beam.

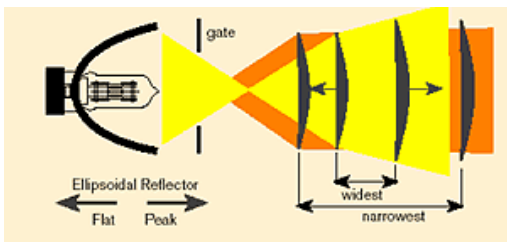
The cone of light is called the beam angle. Measured in degrees, the larger the beam angle, the wider the spread of light for a given throw distance. You can calculate the beam size and light output of Selecon Zoomspots by using the lighting calculator.

Selecon manufacture two different types of profile / ellipsoidal luminaires with a range of lens systems including zoom variable beam angles and fixed angles from the very narrow (5°) to the super wide (90°). Precision optics and careful reflector design allow for high definition pattern projection from all of them.



BASE DOWN AXIAL ELLIPSOIDAL

as used in the Pacific range. Positioning the lamp axially in an ellipsoidal reflector is the most efficient means to collect the light, while a base down configuration ensures the critical components, the lamp and lamp base are positioned out of the heat flow.



AXIAL ELLIPSOIDAL

as used in the Acclaim Axial Zoomspot (pictured above). Mounting the lamp axially collects more of the available light. Using the latest in compact filament 600W tungsten halogen lamps maximises light output while carefully engineered air flow and heat sink design combine to protect critical components from the heat exhaust.

Why a Zoomspot?

The variable beam of a Zoomspot provides flexibility with the capability to define the required beam angle to suit the application minimising wasted light in shutter cuts.

For a multi purpose venue and repertory theatres Zoomspots are versatile tools ready to meet the demands of each different show.

Selecon engineers have refined lens movement systems to provide a fast, reliable and simple to operate adjustment