

LYNCH ESTATE ELEMENTS



SUNDIALS

CONSTRUCTION DETAILS

- Armillary sundials are constructed of bronze or steel.
- Bronze models incorporate cast motifs from set patterns along with flat or round bars.
- Steel models typically have applied bronze details or perforated designs, some include hand forged details.
- All models are made to order to allow our craftsman to set the angle of the gnomon to the latitude where the sundial will be located.
- Models are mainly offered in one size, refer to the catalog specifications.
- Customization is available when models of the same size can swap components.
- Select a cast stone pedestal to support.



UNDERSTANDING SUNDIALS

Armillary sundials are comprised of several rings, each with a different representation. The metal rings, usually made of brass or bronze, are referred to as armilla, which is Latin for bracelet.

Our models contain the most essential rings including the horizon, equatorial, and prime vertical. Larger models may also include the Arctic and Antarctic circles. An armillary sundial also called an armillary sphere is a representation of both the terrestrial globe and celestial sphere.

Often highly decorated, these are beautiful sundials. An armillary sphere consists of a set of interlocking metal rings that form a spherical framework around a fixed rod, called the gnomon, which represents the polar axis of the sky as seen from earth.

To function as a sundial the armillary must be tilted to the site's latitude to ensure that the sundial polar axis is parallel to the real earth axis. In essence the gnomon inclines to the horizon by an angle equal to the latitude of the observer. See our installation sheet on how to determine this setting.