

mometer, the freezing point is marked 0° , and the boiling point 100° . In other parts of the continent, *Reaumur's* scale is much used. In Reaumur's scale, the freezing point, as in the Centigrade, is 0° ; but the boiling point is only 80° . These different graduations are easily convertible; but it is much to be regretted that they exist, as they cause considerable trouble and confusion.

The instrument employed for measuring the intensity of light, is termed a *Photometer*; of such an instrument various forms have been proposed, but at present they are all very imperfect.

SECTION II.

Of the Propagation of Heat and Light.

THE modes in which heat and light are propagated from one body to another, and through the same body, have been already explained, and we need not again enter into details: a brief recital here, however, of the modes in which heat and light are actually propagated among the objects of nature, may not be unacceptable to the general reader.

Heat passes from the sun to the earth by