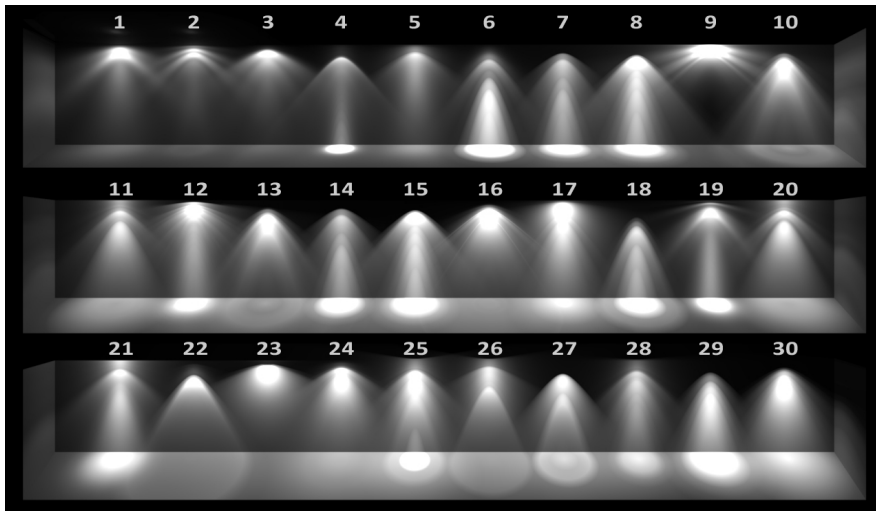


Ai Photometric Light

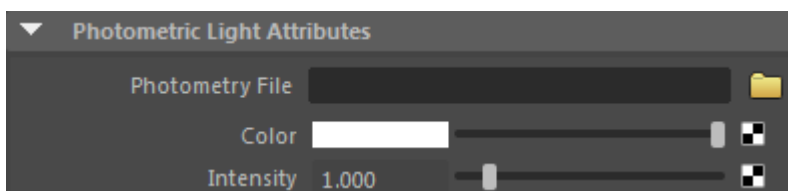


Photometric lights use data measured from real-world lights, often directly from bulb and enclosure manufacturers themselves. You can import IES profiles from companies such as [Erco](#), [Lamp](#), [Osram](#), and [Philips](#); their IES files provides accurate intensity and spread data for a given light model.



Example IES lighting profiles

An example Maya file with IES profiles can be downloaded [here](#) (paths to the IES files will need to be edited).



Photometry File

Allows you to choose an IES light profile that defines the distribution of light.

Color

The color of the light.

Intensity

Intensity controls the brightness of light emitted by the light source by multiplying the color.

IES file not working

Many IES files originate from various lighting manufacturers, some of whom put extra text at the beginning of their IES files. If you are experiencing difficulties rendering a particular IES file, try opening the IES file in a text editor and deleting the header text from the top of the file. The file should typically start with `TILT=NONE` and if it doesn't, that may be the culprit.