

teletask

workstation / video conferencing / task luminaire

"It's not so much what you say, it's how you look and sound when you say it." Though obviously exaggerated, there is some truth to that statement. Why then do we so commonly entrust the attractive and charismatic to deliver our news? Or to tell us what to wear?

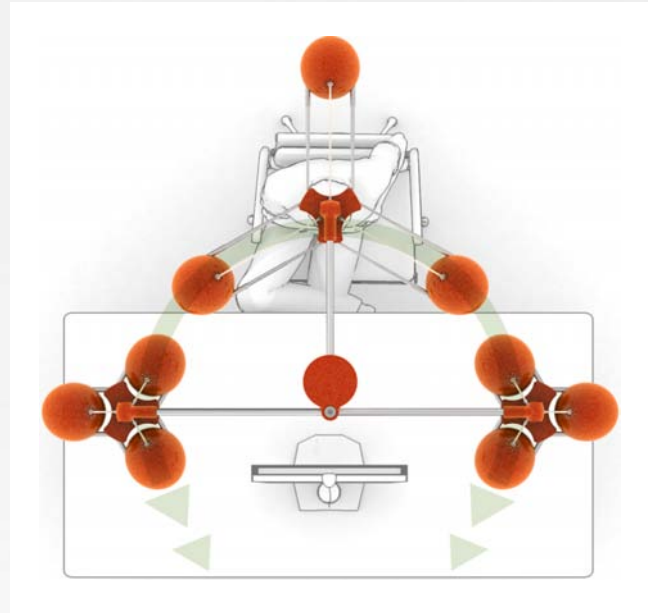
The popularity of electronic forms communication via the internet, have produced a fundamental change in the way people live, work, and interact. Video conferencing technologies geared towards the average person such as webcams, and picture phones provide the means to see the person you are talking to in real time. The results however, can be disappointing if the lighting conditions are less than ideal.

When people say the camera adds ten pounds, they are usually referring to the video's tendency to produce contrasty unattractive images. Accentuating imperfections due to limited dynamic range and poor color response are inherent to these low end cameras. Though the hardware keeps getting better, the output can only be as good as the source. If words are only a part of communication, then presentation completes it, and seeing one in the right light so to speak can mean the difference between giving the right impression or not.

Teletask addresses the need, to provide attractive facial lighting, above and beyond what typical home and office conditions provide.



System usage



plan view

back view



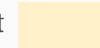
side view



range of motion

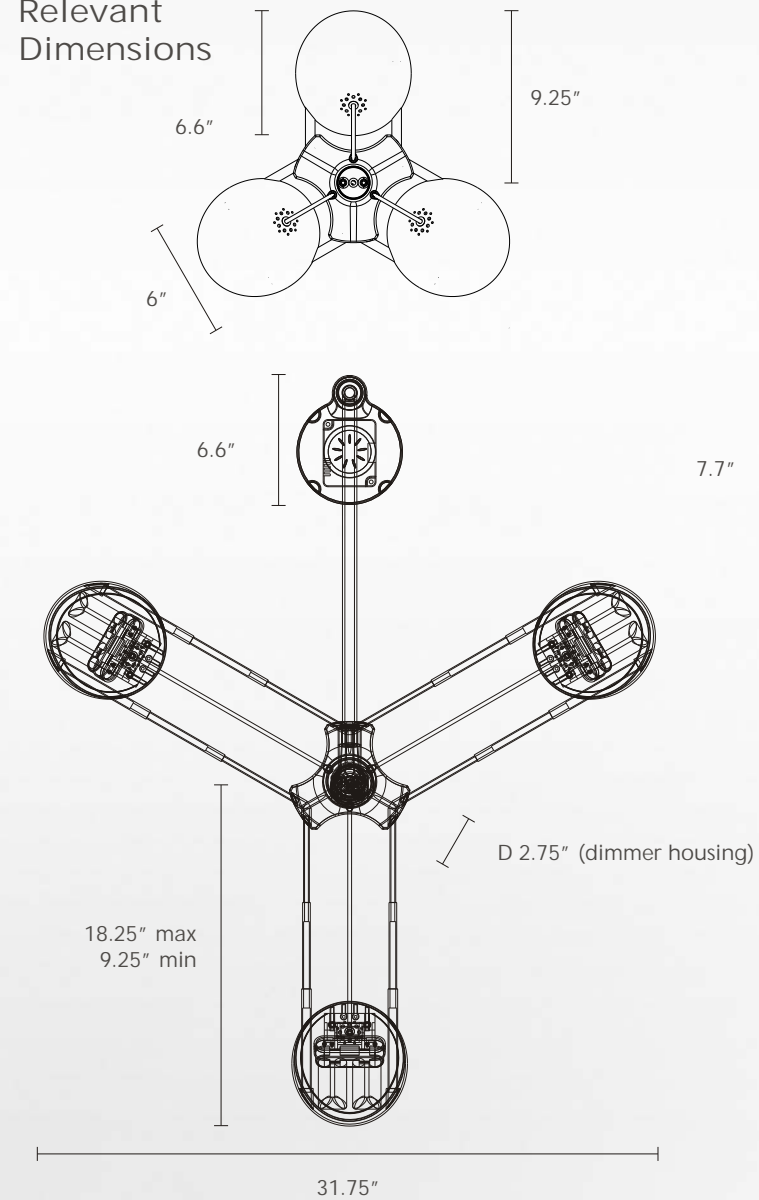


lamp output

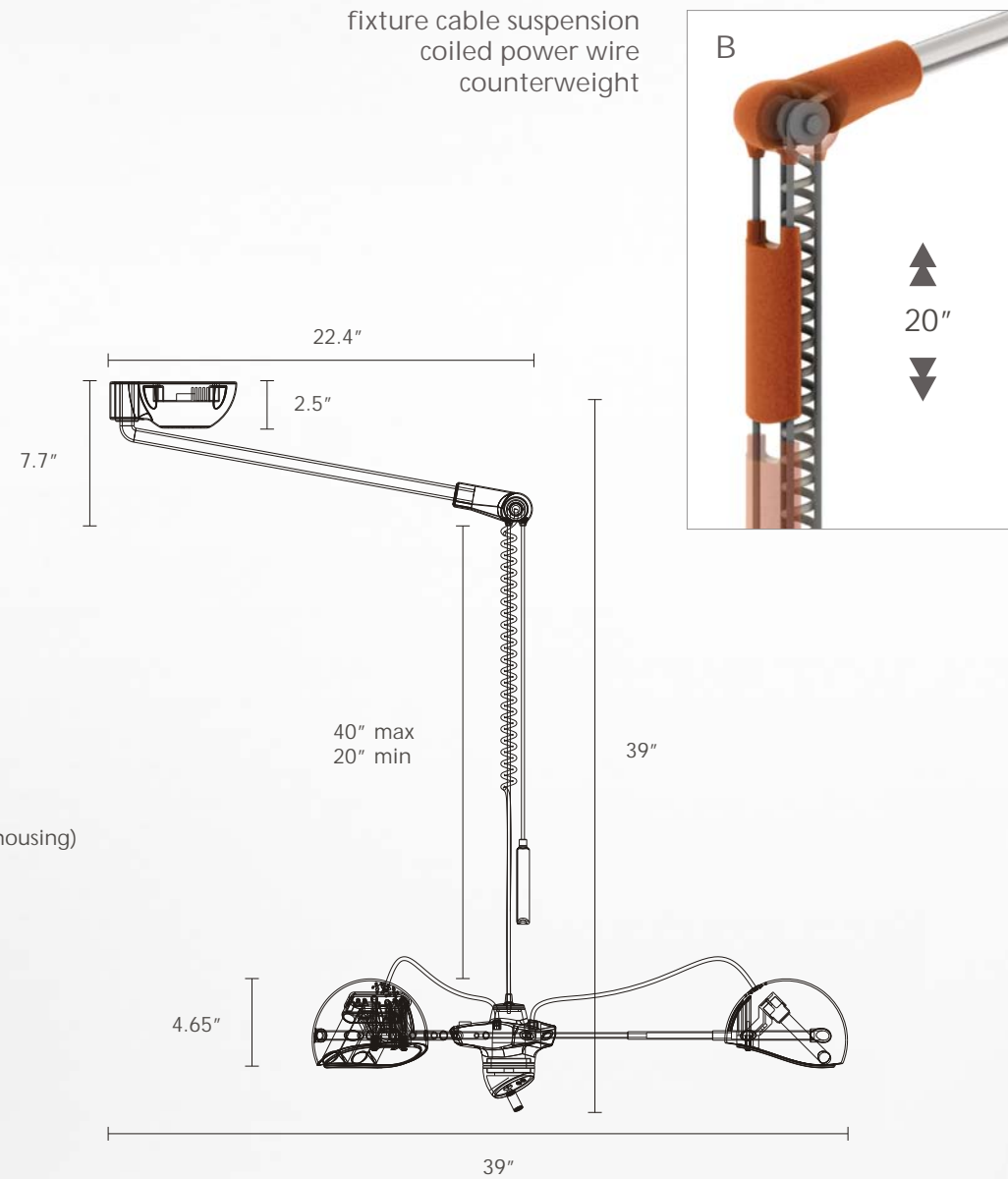


Fixture Details

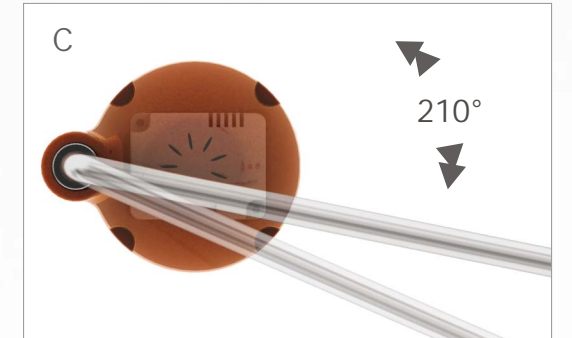
Relevant Dimensions



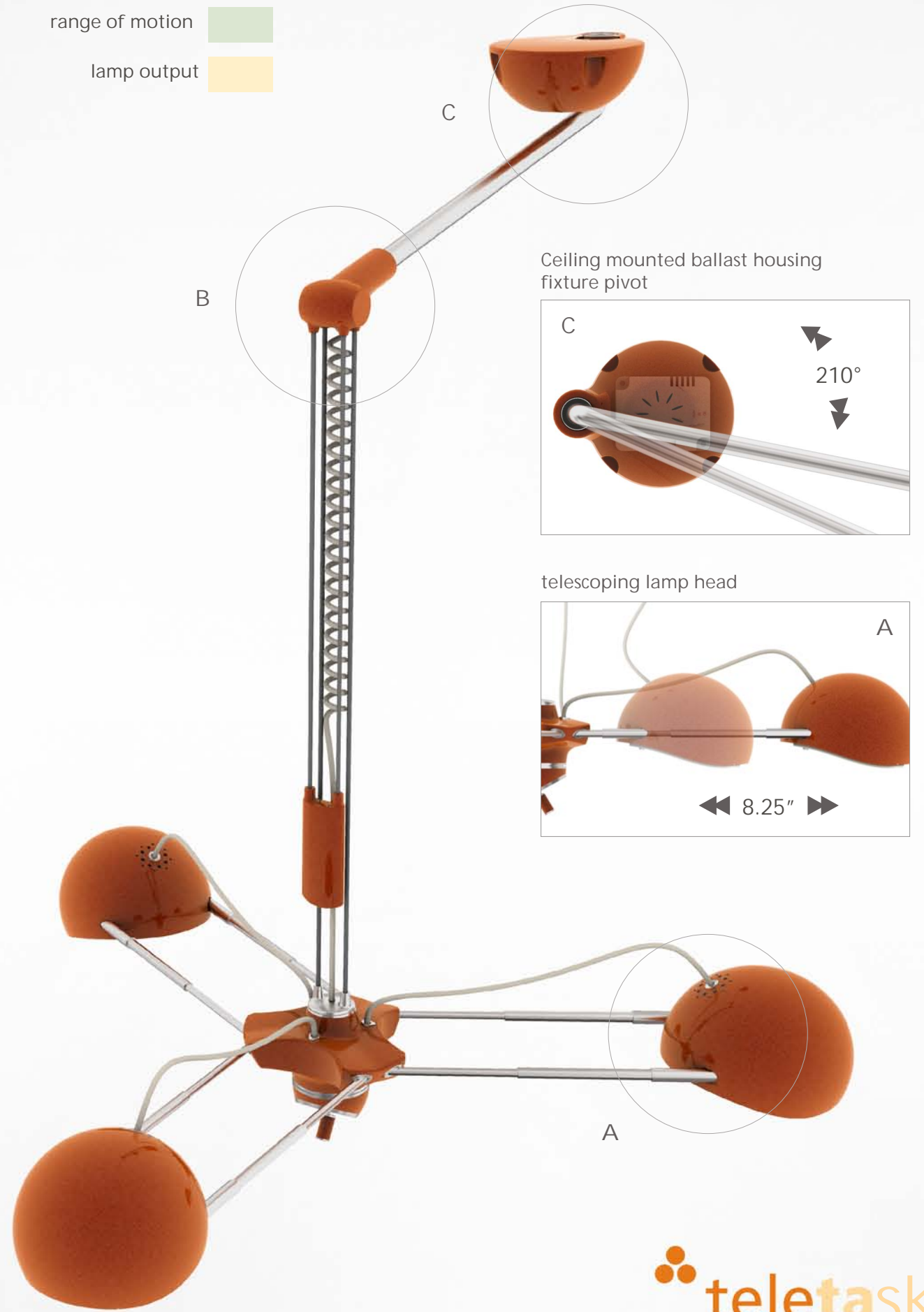
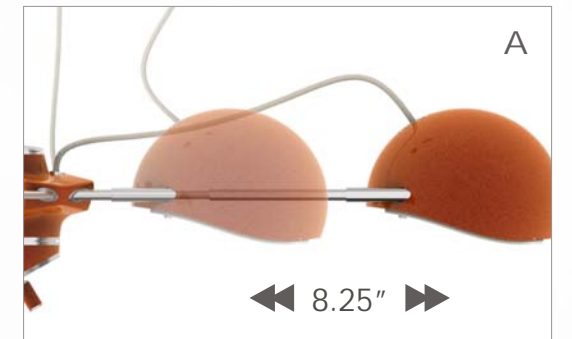
fixture cable suspension
coiled power wire
counterweight



Ceiling mounted ballast housing
fixture pivot

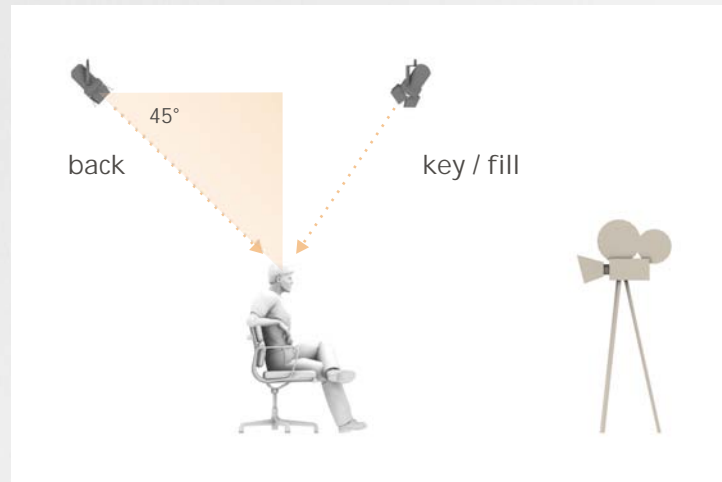


telescoping lamp head

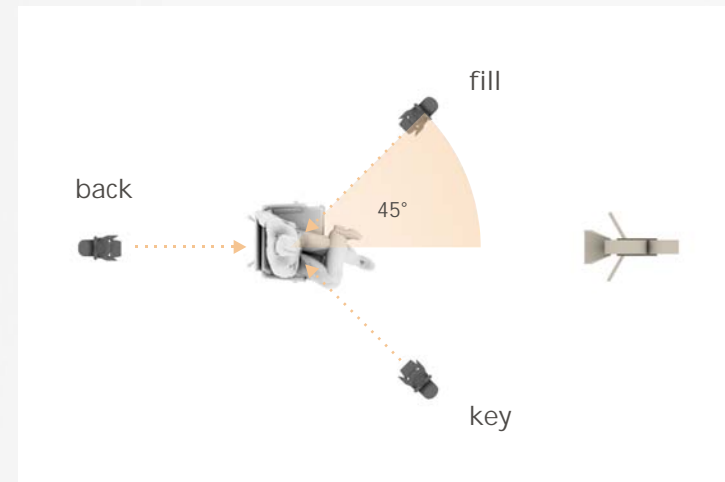


Professional 45° three point lighting for film / video / broadcast TV / theater

side view

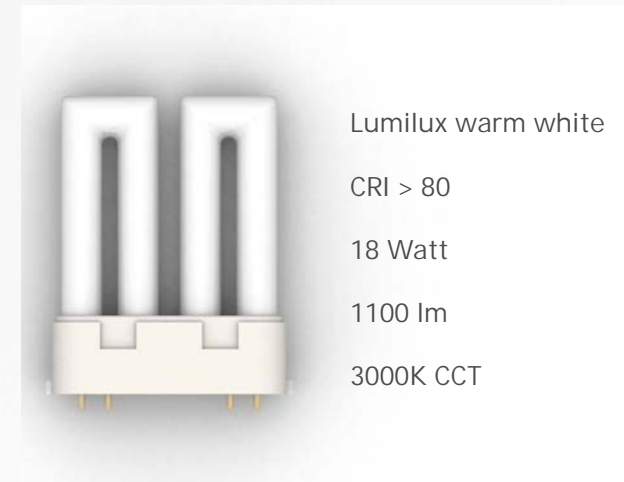


plan view

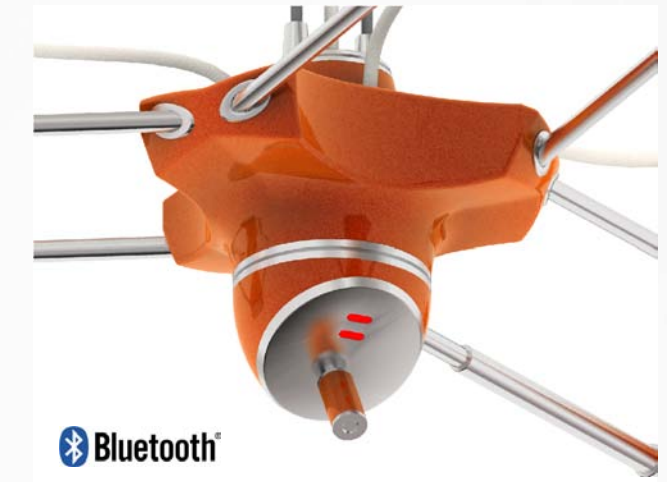


Light source and controls

DULUXF 18 W/21 -840

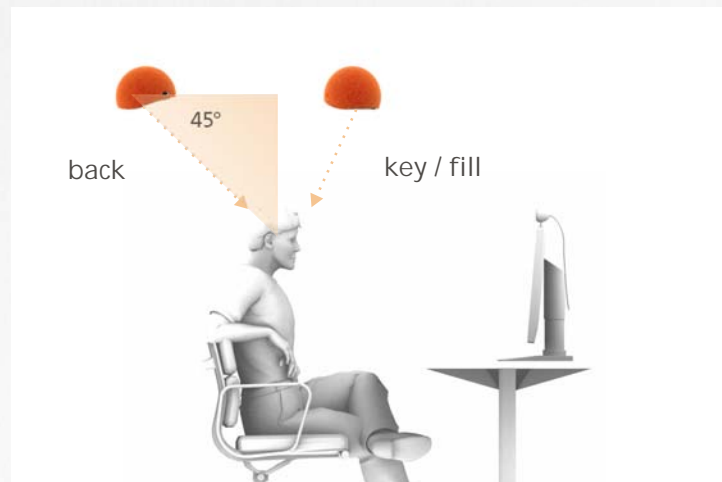


dimmer and control system housing

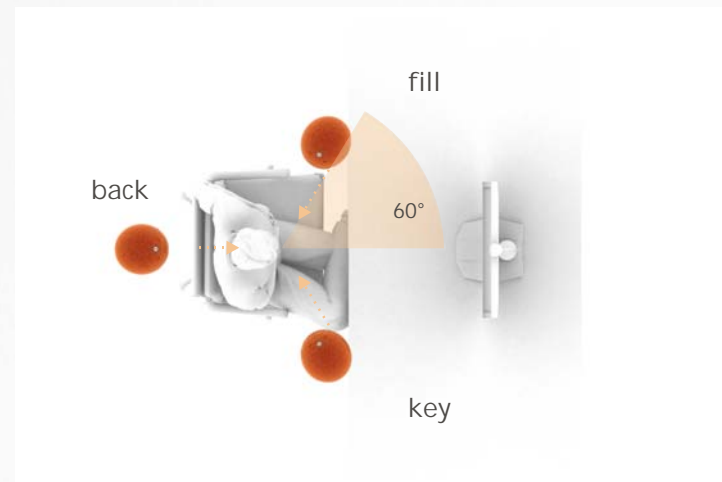


teletask 45/60° three point lighting for desktop video conferencing

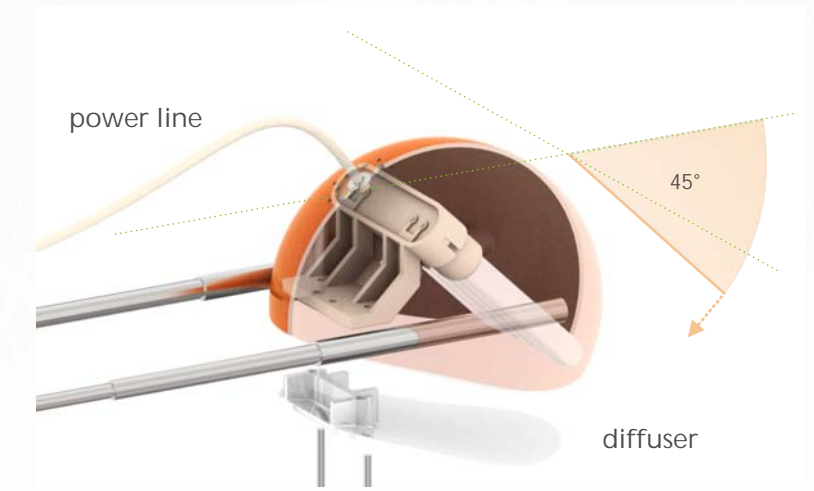
side view



plan view



head component detail



teletask is based on the same proven three point lighting principles found in the entertainment and broadcasting industries. The design consists of a key source providing the primary highlights, a fill for removing harsh shadows, and back light which separates the subject from the background. It provides much of the benefits found in much larger and expensive setups in a relatively compact and user friendly system. The lamps are suspended on a counter weighted cable and arm system allowing for a high freedom of motion. When in video mode the array is simply extended and placed at arms length above the users head (approx 17"). The frontal illuminators are spaced 60° from the viewing direction maintaining proper facial modeling characteristics while avoiding discomfort glare*. In addition to manual dimming controls, optional software can be used to provide feedback from the camera and luminaire via a wireless Bluetooth® connection. This enables teletask to automatically adjust intensity levels to suit the ambient lighting conditions. When not in use the array is simply lowered and positioned to provide task lighting on the workstation surface.

* TV Lighting Handbook, Carrol & Sherriffs 1977