

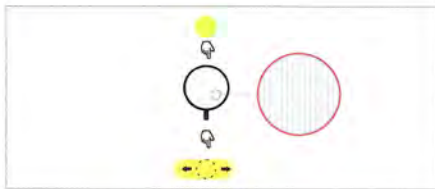
DIRECTIONAL BEAM SPREADER DWAFX



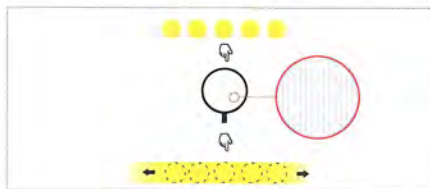
HIGH TRANSMISSION – PRACTICALLY NO DIFFUSION

A special structure in a metal frame / holding ring – These unique light-shaping attachments spread the defined beam of the focusing dedolight in one direction. The orientation of the beam spread can be rotated.

The effect on a dedolight:



On multiple dedolights:



Can also be used for a combination of several dedolights in spot or medium focus position (all with equal focus and intensity settings – DMX), placed in parallel direction to achieve a uniform band of light.

Similar effects have always been possible on focusing studio lights or lights with a defined beam angle by adding a gel filter called "brushed silk". This is still valid, but will always produce a noticeable amount of diffusion at the same time as spreading the light beam in one direction.

With the unequalled dedolight and its clean beam concept, these directional beam spreaders DWAFX allow the spreading of the light without causing diffusion.

1

In virtual studios, great care is taken to light the green background and floor evenly and free of shadows.

1a This for example is lit with two rows of KinoFlo Image 80 lights. In most cases, the lighting on the lonely person in the green desert looks relatively sad and unstructured when shooting a medium shot or close-up in such situations. It rarely ever happens that the light on the person has anything to do with the lighting found in the virtual background.

Use of DWAFX beam spreader for backlight and contour light in a virtual studio

2

Placing whole banks of parallel dedolights on both sides **2a**, controlling each bank of the lights in an identical way by DMX control, the actor can be lit from the knee upward without causing any noticeable shadows on the green floor. Even if the dedolights are placed in such a way that they are looking downward at a moderate angle, the shadows can be projected to fall outside of the 'action area'.

Also adding an extra light source **2b** to bring some life to the eyes, it is possible to adapt the lighting to closely match the virtual background.

Eventually we will have some videos explaining different approaches for lighting methods for virtual studios.

- For tungsten use dedolights DLHM4-300DMX or DLH650DMX
- For daylight use dedolights DLED4-D or DLED9-D
- For controlled changes of color temperature for back light and contour light use bicolor versions of DLED4SE-BI-DMX or DLED9SE-BI-DMX

These orientable DWAFX attachments / filters are available in 3 sizes for focusing dedolights.

For classic dedolights (Code DWAFX), e.g. DLH4, DLHM4-300, DLH200DT, as well as the new focusing LED lights DLED4.

For the Series 400 (Code DWAFX400), suitable for dedolight heads DLH400DT, DLH650, DLH652T and DLH436, as well as the new DLED9.

For the Series 1200 (Code DWAFX1200), fitting DLH1200, DLH1000T, as well as DLED12.