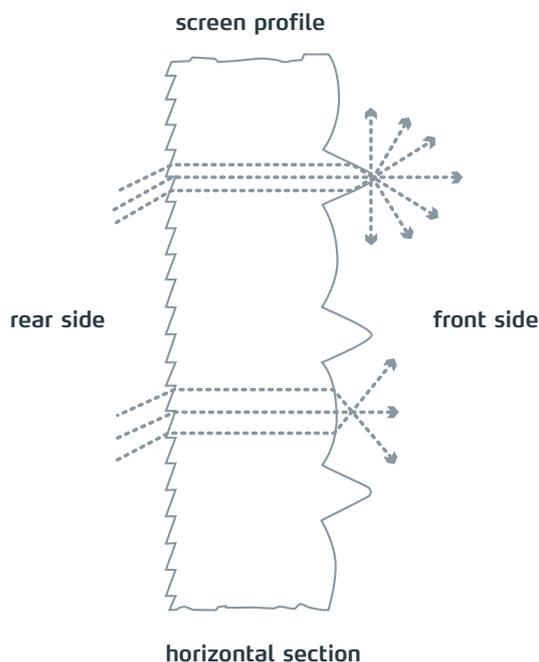


Specifications: for Giant Wide Angle™

Suggested specifications

Rear projection screen shall be dnp Giant Wide Angle Screen™, characterized by being a single element fresnel/ lenticular screen. Fresnel lens shall have a pitch of not more than 0.82 mm and facing the projector. Lenticular lens shall have a pitch of 0.5 mm and facing the audience. Image shall be distributed into a 180 degrees horizontal viewing area with a peak gain of 3. on axis. Horizontal half gain angle shall be +/- 32° controlled by the lenticular lens structure and vertical half gain angle shall be +/- 8° controlled by diffusion particles included in the screen matrix material. Fresnel lens surface shall have a non glare finish to eliminate speckle, and the lenticular lens surface to have a non-matted surface to improve the image quality under high ambient light conditions.



Peak Gain	Horizontal viewing Angle	Half Gain Angle Symmetrical	Fresnell pitch max	Fresnell pitch max	Projection angle
3.0	180°	+/-32°	+/-8°	0.82 mm	35°

Cleaning of screen

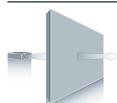
Use a dust cloth or vacuum cleaner to remove dust and loose contaminations. Be careful not to scratch the lens structure and always wipe in the directions of the grooves. If this procedure is not sufficient to achieve a satisfying result, please refer to the dedicated dnp screen cleaning instruction leaflet.

Handling of screen

Upon receipt of crate inspect immediately for damages. Store the screen in an environment of 0-40°C and 30-70%RH. Avoid contact between the crate and water. Upon opening the crate, make sure to use the enclosed gloves when handling the Screen. This will avoid scratches and fingerprints on the screen.

Framing

To ease the handling and reducing the risk of damaging the screen during installation, the screen can be delivered pre-mounted in a frame. Screens in the size range from 180-200" is as standard delivered pre-mounted with the top of the frame section in order to make the handling easy and safe. Frame sections for three other sizes are included in the package.



dnp optical rear
projection screens