



dnp screens are the perfect canvas for National Gallery

SMK's (*The National Gallery of Denmark's*) "What's Happening?" exhibition features still and moving images on wire-hung screens. SMK asked AV Center Copenhagen for technical advice, and ended up with a solution featuring nine specialized dnp Ultra Contrast Screens.

Understanding the challenge

When considering screens for the "What's Happening?" exhibition, SMK first considered conventional projection options. However, disappointed by the quality of the still and moving images these options delivered, they called on AV Center Copenhagen for help. Their challenge was to understand what worked best for installations using short-throw projectors, in an environment with bright ambient light and very discerning visitors.

Rear projection technology

AV Center Copenhagen were already familiar with dnp's product portfolio and confident that their screens would prove a viable solution. dnp offers affordable Ultra Contrast Screens, with exceptionally good centre-to-corner brightness uniformity and bright, sharp images over a broad viewing area - even in strong ambient lighting.

However, to meet the very precise demands of this project, dnp's product development team actually tailor-made a screen for this specific purpose. Says Søren Weis Lindegaard, head of dnp R&D, "We developed a customised version of our lenticular screen using two Fresnel lenses instead of one to achieve a very short focal length and a uniform image."

Successful joint effort

A demonstration delivering the image quality they were seeking convinced SMK, and a highly effective and smooth running co-operation between SMK, AV Center Copenhagen and dnp denmark followed. At every stage, SMK's artistic and budgetary demands were met thanks to the combined technical expertise of AV Center Copenhagen and dnp denmark.

The "What's Happening?" exhibition is now open, with nine highly specialized 50" dnp Ultra Contrast Screens suspended by wires from the ceiling. SMK's artistic officers are sincerely appreciative of AV Center Copenhagen and dnp's technical contribution to the success of the exhibition. This installation serves as shining example of what can be achieved with a combination of dnp screen technologies and good installer-client collaboration. "It will undoubtedly serve as inspiration to other museums around the world," concludes Søren Weis Lindegaard.

Facts

- > Customer: SMK (National Gallery of Denmark)
- > Installer: AV Center Copenhagen, Denmark
- > Screens: 9 x 50" dnp Ultra Contrast Screens
- > Projectors: Epson EB-420

Visit dnp-screens.com for more cases, click [dnp Ultra Contrast Screen](#) or [dnp rear projection screens](#) for more product information