Room 29, National Gallery, London, UK

LIGHT ARCHITECTURE

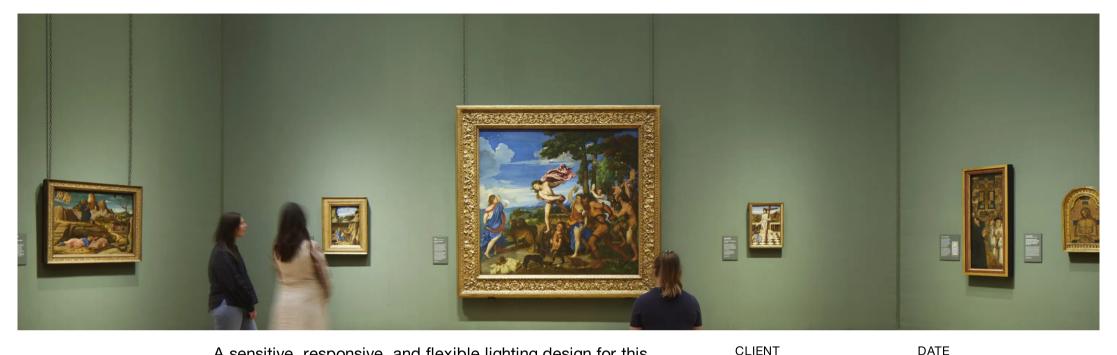
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A sensitive, responsive, and flexible lighting design for this high-profile historic space enhances the experience of the architecture and delivers an appropriate setting for the enjoyment of the artwork.

CLIENT

National Gallery

2021 - 2023

ARCHITECT

Avanti Architects

ELECTRICAL ENGINEER

HDR

PROJECT MANAGER/COST CONSULTANTS

Ridge

MAIN CONTRACTOR

CBRE

DISPLAY LIGHTING

Studio ZNA

PHOTOGRAPHER Jack Hobhouse

PROJECT TEAM

Mark Major, Philip Rose, Wimonwan Wichaikhamjorn







The major feature of the room is its central panelled barrel-vault, flanked by large glazed lay lights to either side. We added soft uplighting from a concealed crosslighting detail to highlight its detail and volume while also softening contrast with the bright planes of the lay lights. Utilising fully dimmable, tuneable white LED sources, the intensity and ambience of the ceiling can be adjusted according to the curators' requirements for exhibitions and events.

Our design also reduced the number of central downlights and found new, more discreet locations for the luminaires that reveal the interpretative text on the end, helping to simplify the space.

While natural light makes an important contribution to the character of the space, it is also subject to wide temporal and seasonal variations. To help preserve ideal lighting conditions in the room regardless of external conditions, we recommended new tuneable-white backlighting be added behind the glass lay lights. This allows for adjustment in both colour temperature and intensity of the light, facilitating the best experience of the architecture and the art, regardless of the time of day, time of year, or the weather.



