

Case Study:Nikon Shanghai Flagship Store 2.0 / LUKSTUDIO

1. About the project:

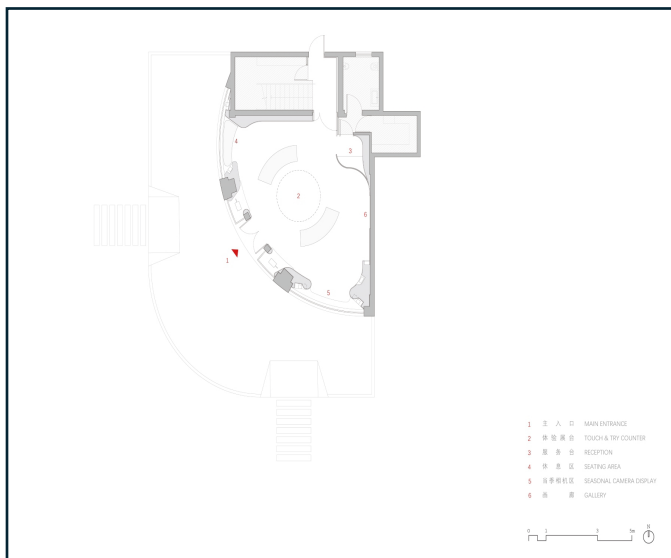
- Project Name: Nikon Shanghai Flagship Store 2.0
- Architects: LUKSTUDIO (Lead Architect: Christina Luk)
- Location: Shanghai, China
- Year of Renovation: 2024
- Area: 653 m²
- Client: Nikon Corporation

2. Lighting & Illumination Concept:

- Light is treated as the central design theme
- as Nikon's slogan suggests, *"Light is the soul of photography."*
- The architects used both natural daylight and layered artificial illumination to define spatial transitions, highlight products, and guide visitor movement.

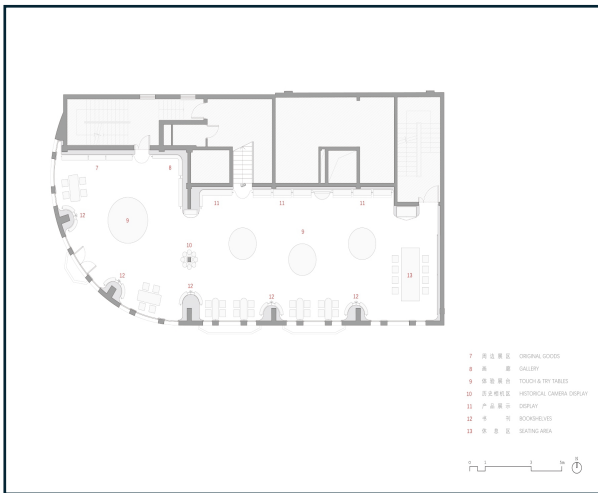
Ground Floor

- Serves as the entrance and core display zone.
- A circular light-strip ceiling and a central lens-inspired light panel create a smooth visual flow drawing visitors inward.
- Soft natural light blends with ambient panel illumination, producing a calm, fluid atmosphere.
- Curved architectural forms integrate lighting with reception areas, niches, and seating — creating unity and comfort.



Second Floor – “Natural Island” Concept

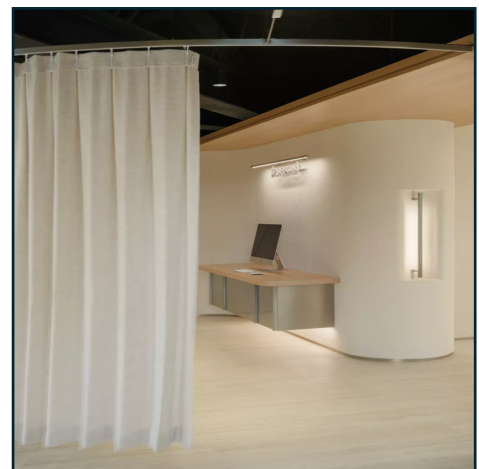
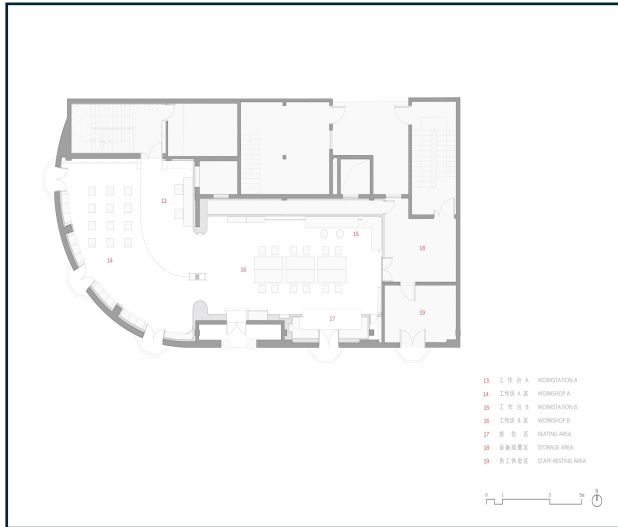
- Main product display and interaction area.
- Floating display tables on slender steel bases enhance the sense of lightness and exploration.
- Ceiling-mounted lens-shaped lights emphasize Nikon’s technological precision.
- Layered LED lighting softens shadows and improves visual comfort.
- Integrated shelf lighting and frosted acrylic panels highlight classic cameras and accessories with clarity and refinement.



Third Floor – Workshop & Community Zone

- Divided into front and rear zones, separated by a curved ceiling curtain.
- The front zone hosts small events and community gatherings.

- The rear zone features the original double-pitched roof with concealed lighting behind wooden panels.
- Linear track lights extend from ceiling to wall, adding depth and rhythm while echoing the display systems below.
- Lighting supports flexibility for workshops and modular seating arrangements.



3. Types of Luminaires Used

Type	Location / Purpose
Recessed Linear LED Strips	Ceiling coves, wall niches, and display shelves for continuous soft light.
Track Spotlights (Adjustable LED)	Focused lighting on camera products and exhibition walls.
Lens-Inspired Ceiling Fixtures	Feature lighting emphasizing Nikon's optical identity.
Wall Washers	Smooth vertical illumination for displays and texture enhancement.
Integrated Shelf Lighting	Thin LED lines in glass/acrylic shelves to highlight classic cameras.
Ambient Light Panels	Diffused, indirect lighting to enhance atmosphere and reduce glare.

4. Illumination Systems

- LED-Based System: Energy-efficient, long lifespan, low maintenance.
- Layered Lighting Strategy: Combines ambient, accent, and task lighting to form depth.
- Dimmable Control System: Allows adjustment for exhibitions, events, and daylight variations.
- Color Temperature Range: 3000 K (warm, wood areas) to 5000 K (cool, display areas).
- Zoned Illumination: Divides the store into functional lighting scenes (entrance, product area, workshop).

5. Material Interaction with Light

- Wood + Warm LED: Creates natural warmth and comfort.
- Metal + Cool Light: Reinforces precision and modernity.
- Frosted Acrylic Panels: Diffuse light softly for clarity without glare.
- Curved Forms + Linear Lighting: Generate continuity and smooth movement through space.

6. Sustainability in Lighting Design

- Exclusive use of LED technology for low energy use and heat emission.
- Integration of natural daylight reduces artificial lighting load.
- Smart control systems minimize wasted energy by adjusting brightness levels.

- Durable materials and concealed luminaires ensure low maintenance and longer service life.

7. Takeaways

- Lighting defines both brand experience and spatial identity.
- Integration of luminaires with architectural elements enhances clean minimalism.
- Layered lighting strategies improve depth and focus.
- Material-light harmony ensures both comfort and beauty.
- Sustainable LED systems and daylight integration make the project energy-efficient and future-ready.