Summary of Technical Characteristics

Exterior Dimensions	W2m x H1.1m x D0.5m
Materials	Powder-coated steel, SPD smartglass, Neoprene sealing gaskets.
Art Drawer	Locked drawer pulls out 45cm to allow access to your collection. Guide rails allow smooth opening and closing and support up to 70 kg total weight (incl. the drawer itself). **Caution: Do not lean on the drawer when open. Only open using the handles located on the underside; never using the glass itself to open the door.**
Electrical Drawer	Left-hand lock opens drawer 100° downwards to allow easy access to smart glass and LED dimmers. **Caution: Please hold the electrical drawer as you unlock and open it.**
Mains Socket	230Vac (50 Hz) switched socket with 1A fuse, EMI filtered to IEC 60939
LED Towers (left and right)	5W dimmable LED modules (x 2); can be swivelled by 90° vertically and adjusted by 10cm vertically; CRI > 90, no UV, energy efficient class A; neutral white colour temperature (4000 K); maximum total light output 720 lumens.
LED Hozirontal Bar (central)	16W fixed dimmable LED Bar (x1); CRI > 85, no UV, energy efficient class A; neutral white colour temperature (4000 K); max. light output 350 lumens.
Dimmer Controls	Rotary knobs (x 2) to adjust the internal LEDs. Large rotary knob (x1) adjusts the smart glass maximum transmittance. Accessible after unlocking and opening the electrical compartment.
ArtRatio controller	- Silent and intuitive activation of smart glass and LEDs only when visitor presence is detected. - Anti-flicker delay maintains activated state (10s by default) after last presence is detected to avoid rapid on/off switching. - WiFi connectivity allows data to be time-stamped by timezone and pushed to Google Cloud for post-processing and historical reports. - Intranet shows business analytics dashboard for real-time data visualisation, limit alarms and graphical risk gauges.
Security Locks	Abloy security locks (2 off). Locked when horizontal. Open with single 90° turn. Left lock opens electrical drawer. Right lock opens artwork drawer.
Smart Glass Panels (x4)	SPD smartglass, 11.5mm thick, anti-bandit to BS EN 356 (P4A security); visible transmittance 49% when activated; visible transmittance in OFF state <1%. Reflectance 3%. Blocks 99% UV and 50% infrared.
Proximity Sensor	Diffuse infra-red retroreflective proximity sensor, with screwdriver-based distance adjustment. Max detection range is 2m. **Default factory setting is 10cm**. Maximum vertical capture 2cm above and below the horizontal.
Silica Gel Compartments	Passive humidity control with silica gel beads (not supplied) which can be placed in proximity to the artwork, reducing risk of fungi, mold and brittleness.