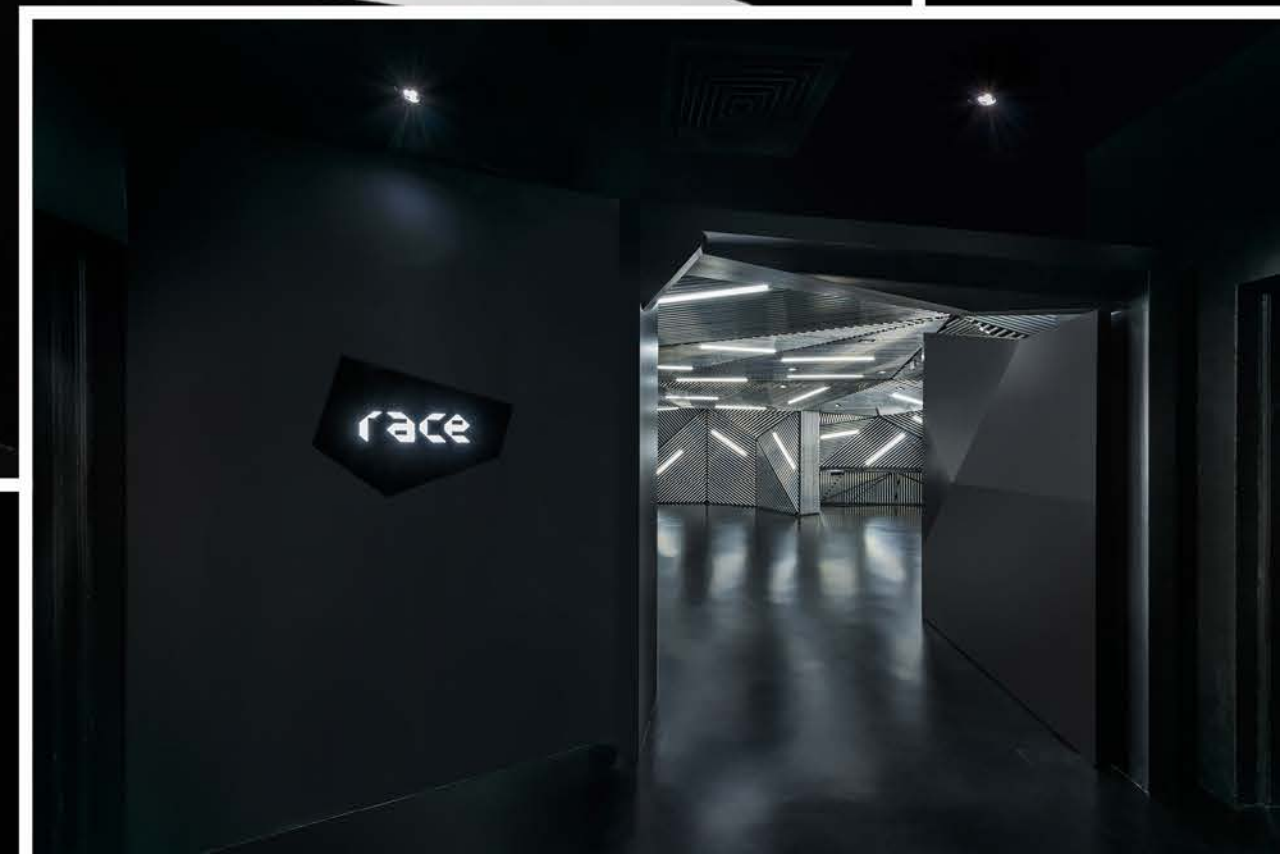




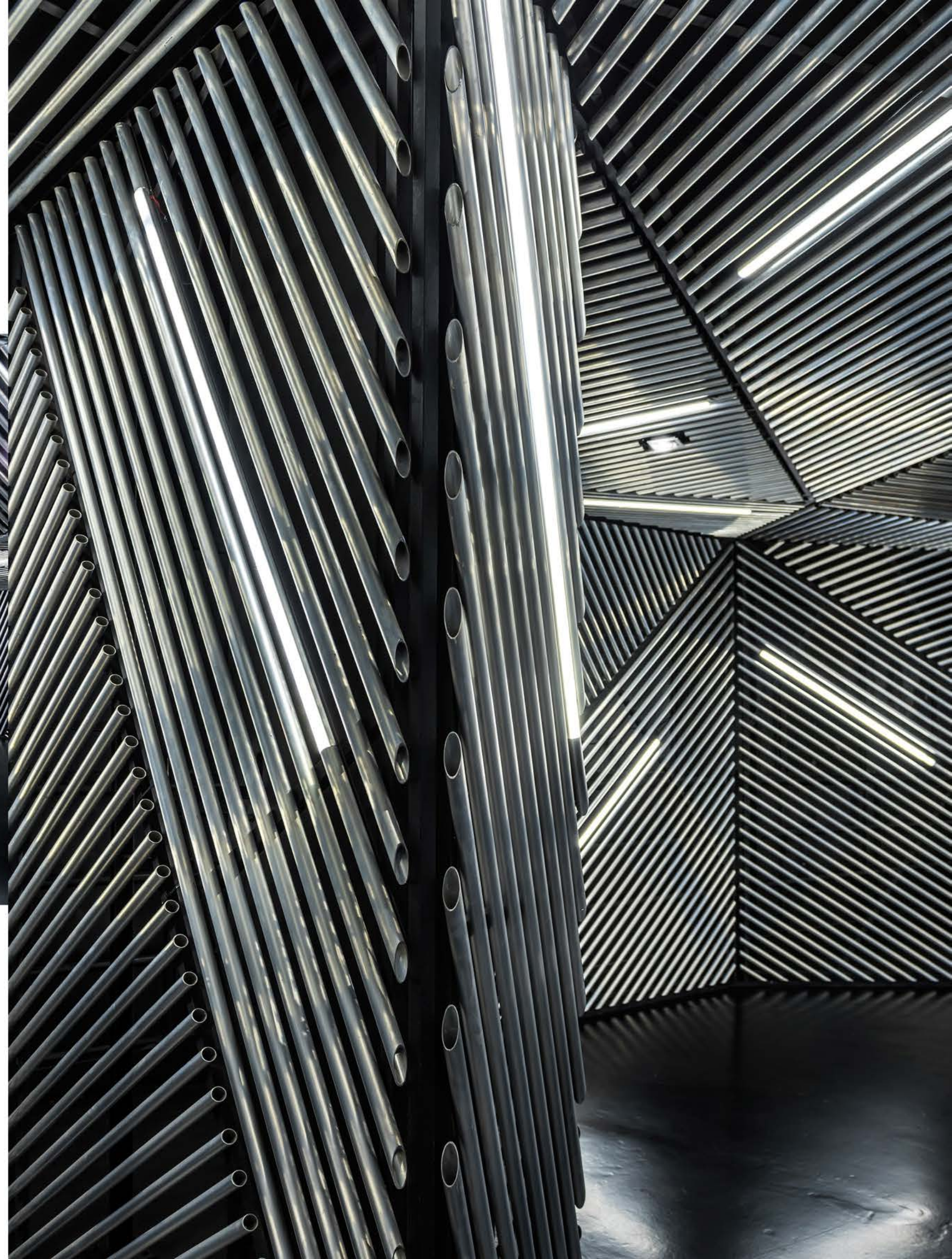
BY MINISTRY OF DESIGN

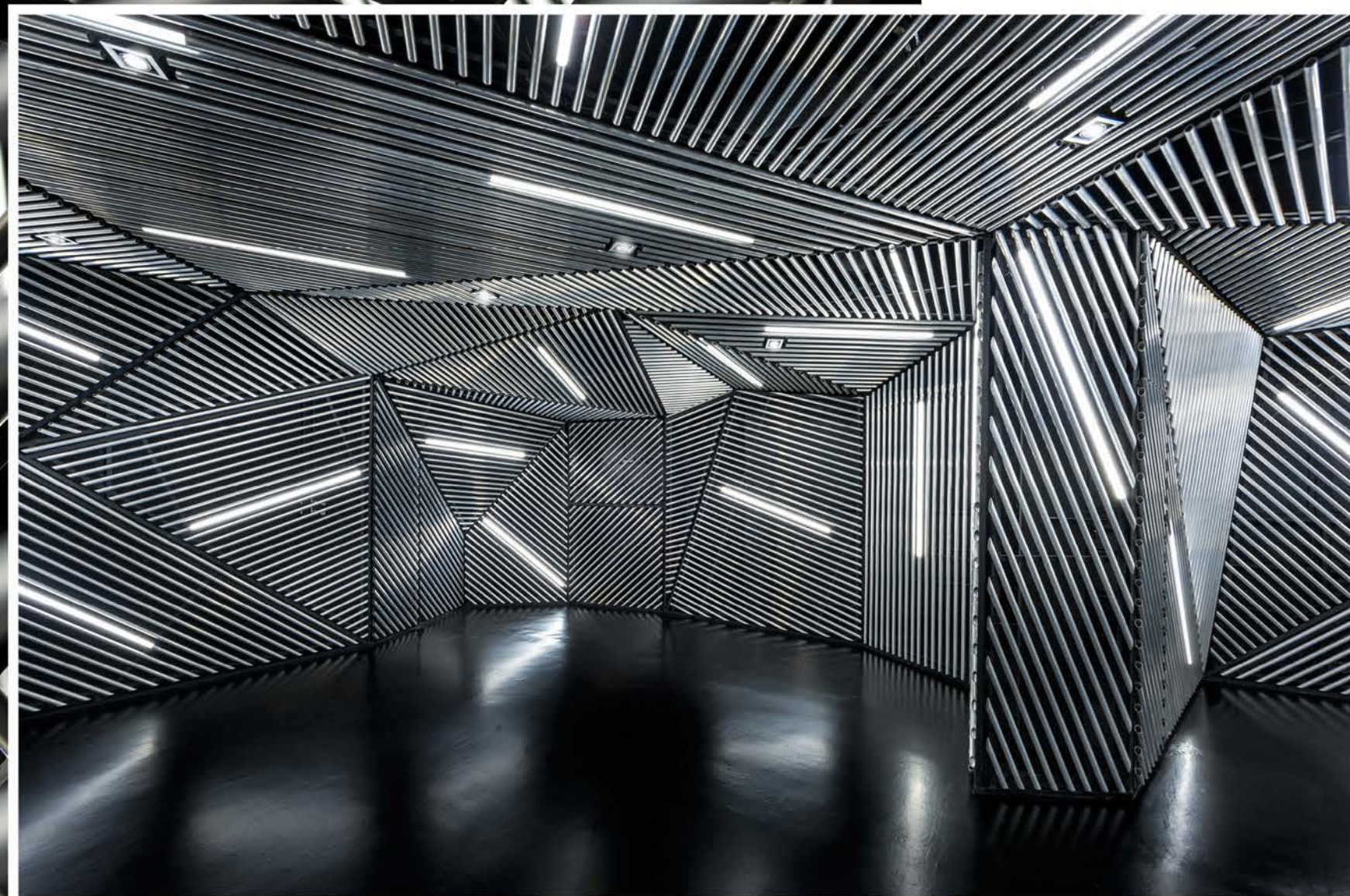


Ministry of Design (MOD) was commissioned to design the branding and spatial experience for RACE, a new robotic facility in Singapore, with the purpose to serve as an educational facility, and introducing robots into existing manufacturing industries. Robotics Application Centre for Excellence (RACE) was formed between PBA group (Precision Bearings and Automation) and a group of Professors from a well-known local university, to educate corporations and the public in the area of robotics and automation.



The laboratory design brief included keeping the interior an open-concept space, yet conducive for small clusters for hands-on training. MOD sought to create an engaging and future-forward experience that denotes the idea of industrial automation and precision.





The interior of the RACE facility is a series of striking black and white angular forms, a web of soaring white lines cut through black space, to disorient the eye from distinguishing the floor from ceiling. The overall effect is quite dramatic, creating a contrast that is at once striking and complementary.

For maximum flexibility to the space, MOD introduced a "second" skin - developed by deconstructing the ceiling and wall planes into an array of dazzling facets. Each facet comprises stacked layers of hand-cut aluminium hollow tubing; rotating the direction of the tubes with every facet to create a bold multi-directional effect. The aluminium screen also serves to conceal mechanical and electrical services while allowing ease of access for operation. The LED strips highlight the multi-directional panels with a cutting-edge aesthetic. Overall, the space provides a suitable future-forward backdrop to usher in an age of automation and robotics.

Ministry of Design

Ministry of Design, founded by Colin Seah, serves to question convention and redefine spaces, forms and experiences. Their mission is to reshape the world in relevant and innovative ways, rather than change for the sake of novelty. Each MOD project endeavours to be delightfully surprising and relevant, distinctly local but still globally appealing. With headquarters in Singapore and offices in Beijing and Kuala Lumpur, MOD was declared a "Rising Star of Architecture" by the Monocle Singapore Survey 2010 and "Designer of the Year" by the International Design Awards, USA 2010. Most recent projects include Vanke Qingdao Plaza, Ascendas Guangzhou Knowledge City, award-winning Vanke Triple V Gallery & UOL Edge Gallery (World Architecture Festival 2012), Tangs Flagship Store and Macalister Mansion hotel (Best Luxury Hotel at Gold Key NYC 2013).

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