

313@SOMERSET SINGAPORE



313@somerset

313@somerset is an exciting shopping centre located in the heart of Singapore's business district - Orchard Road. Offering a unique dimension to the 'Orchard Road Experience', it houses the latest flagship concept stores in fashion, lifestyle and dining. The mall has 180 retailers and is designed in a way that allows fast and convenient connectivity between retail levels including direct access to a train station below.

313@somerset is one of the first major retail developments undertaken in Asia by Lend Lease, a leading international property and infrastructure group. The centre incorporates a range of sustainability initiatives including rainwater harvesting and on site energy generation that has earned it a Platinum award under Singapore's Building and Construction Authority (BCA) Green Mark Scheme.

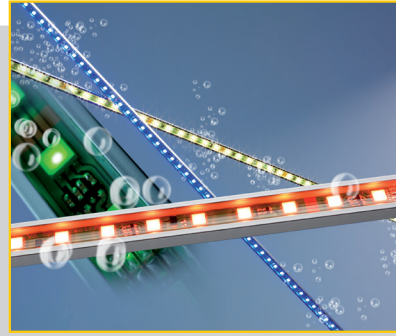
■ VOSSLÖH-SCHWABE IN 313@SOMERSET

As part of the mall's enhancement and lighting efficiency upgrade initiatives, creating modern ambient lighting throughout the lobby and dining areas was a key requirement of the project. Vossloh-Schwabe's highly efficient plug-and-play AluLED IP64 module being extremely slim and flat were perfectly incorporated into the structural design of the lobby area. Customised blue modules in various lengths of 1220 mm / 320 mm were extremely convenient for low profile lighting design mounting to flexibly satisfy customer requirements.

VS DigiLED DMX CA, was selected to control the creatively aligned AluLED IP64 modules along the ceiling to create a



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AluLED IP64



LED Converters



VS LEDLine FLEX



DigiLED DMX CA



spectacular animated lighting display that converged into a central dome in the ceiling. The digital colour controls via DMX light management combined simplicity, flexibility and reliability to suitably operate high-power blue CA modules.

In addition to custom colour control, it was also possible to call up pre-set colour programs for example colour sequences. The CA series of VS colour control modules are available with both a manual operating pad and a DALI interface or "PUSH" or DMX variant.

Lighting elements were cleverly integrated into the seats to highlight significant features of the structure with VS LEDLine Flex SMD in customised blue tones to tie in the overall look. Thanks to the use of an extremely pliable foil, the structure was illuminated with outstanding brightness.

VS electronic converters for LED modules with a broad output range at a voltage of 24 V were able to synergise with AluLED strips as well as various lighting control systems throughout. Manufactured in Europe and with a narrow tolerance, VS electronic converters boasts of an overall LED system reliability and compatibility.

Sunlight Electrical, a partner of Vossloh-Schwabe is a class leading manufacturer of low voltage switchgears and control gear systems providing only the safest, reliable and most effective products and solutions. Sunlight has established a complete range of type-tested systems covering a whole spectrum of low voltage applications from the main switchboards down to the smallest distribution board and process panels.

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Sunlight Luminaire, the lighting division of Sunlight Group, supplies and commission high quality light fittings and LED systems. They are also integrator of ABB KNX system, applicable for all types and scale of building management system and intelligent controls.

Project:	313@somerset
Client:	Lend Lease
Architect:	Broadway Malyan
Lighting Suppliers:	Sunlight Luminaire
Lighting Consultants:	Vbo Singapore
Lighting Manufacturer:	Vossloh-Schwabe
Photos:	Vossloh-Schwabe