

The Philips logo is displayed in a bold, blue, sans-serif font within a white rounded rectangle.

Professional lighting

Urban & landscape



Case study

Bridging Singapore city beyond illumination

Breathing new life to the Singapore River and creating a unique city identity through LED lighting technology.

Singapore



Location
Singapore

Philips products
ColorGraz® Powercore
iColor Flex MX gen2
Vaya Flood HP
ColorBurst Powercore



Cavenagh Bridge

Transforming the heart of Singapore through the lighting up of five iconic river bridges.

Going beyond illumination to add color, vibrancy and character to a city celebrating its golden jubilee.

Background

The Singapore River played an integral role in the country's transformation from third world to first as a trading hub.

Running through the heart of the city, the river has since relinquished its role as the trading port. Over the years, whilst the river continues to run through Singapore's economic district, witnessing the daily commute of working professionals, it has also transformed into an integral tourist attraction with eateries lining its banks.

Spanning the three kilometer long river are several historic bridges, some of which can be traced to as far back as 150 years ago. These bridges were lit up but due to wear and tear and dated technology, it was time for the river banks to be refreshed and rejuvenated.

In conjunction with Singapore celebrating her 50th year of independence, a lighting upgrade was initiated to give these bridges a well-deserved makeover.



Elgin Bridge



The Project

The idea was to spruce up the entire Singapore River with new LED lighting solutions that are reliable, energy-efficient and can add vibrancy to the popular tourist district.

Five iconic bridges along the Singapore River — Clemenceau Bridge, Read Bridge, Coleman Bridge, Elgin Bridge and Cavenagh Bridge were given a new lease of life with the solutions provided by Philips Lighting Singapore and its partners, Guthrie Engineering and Creative Lighting Asia.

A combination of ColorGraze Powercore, iColor Flex MX gen2, Vaya Flood HP and ColorBurst Powercore lights in this project. ColorBurst Powercore lights were used exclusively on the Elgin Bridge to bring out the grandeur of the tall pillars, while a mix of ColorGraze Powercore, iColor Flex MX gen2, Vaya Flood HP were used in the lighting of the other four iconic bridges. The undersides of the bridges were also lit using iColor Flex MX gen2 lights to create better visibility for the boats.

Apart from putting the bridges in the spotlight, the reflection of the color effects is beautifully mirrored on the waters, making this site a favorite for photographers and tourists alike. In addition, colored lighting was introduced at the underpasses of Elgin and Coleman bridges to create a more vibrant environment while keeping the area brightly lit and safe.

Commissioned to manage the project from start to finish, Philips took on the role of project management, installation of LED lighting fixtures and products.

Wee Shiang Ning, General Manager of Philips Lighting Singapore is proud that the lights have now given the bridges a new life. “With a proven track record of 32,000 installations worldwide by our Urban and Landscape installation team, our team was really happy to be entrusted to provide an end-to-end solution for this meaningful project.”



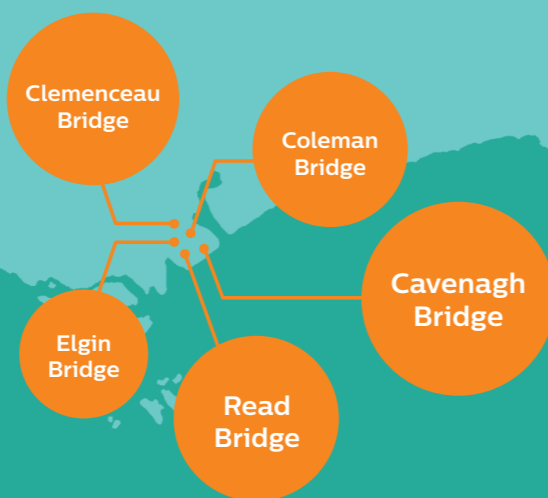
Read Bridge

“ The lights and the color really brighten up the river, **making it very convenient for the tourists to get around and increase visibility for us boatman.**”

Mr. Png Chin Huat
Veteran boatman



Singapore



Benefits

The Singapore River is now brighter, more vibrant and livelier than ever with the iconic bridges lit by Philips LED lighting solutions.

The advanced lighting control system installed allows the bridges to create unlimited color-changing possibilities to suit different occasions. These five bridges are programmed with nine preset colors to fade in and out elegantly, prompting many bridge users and visitors in the area to stop for photographs with the colorful bridges.

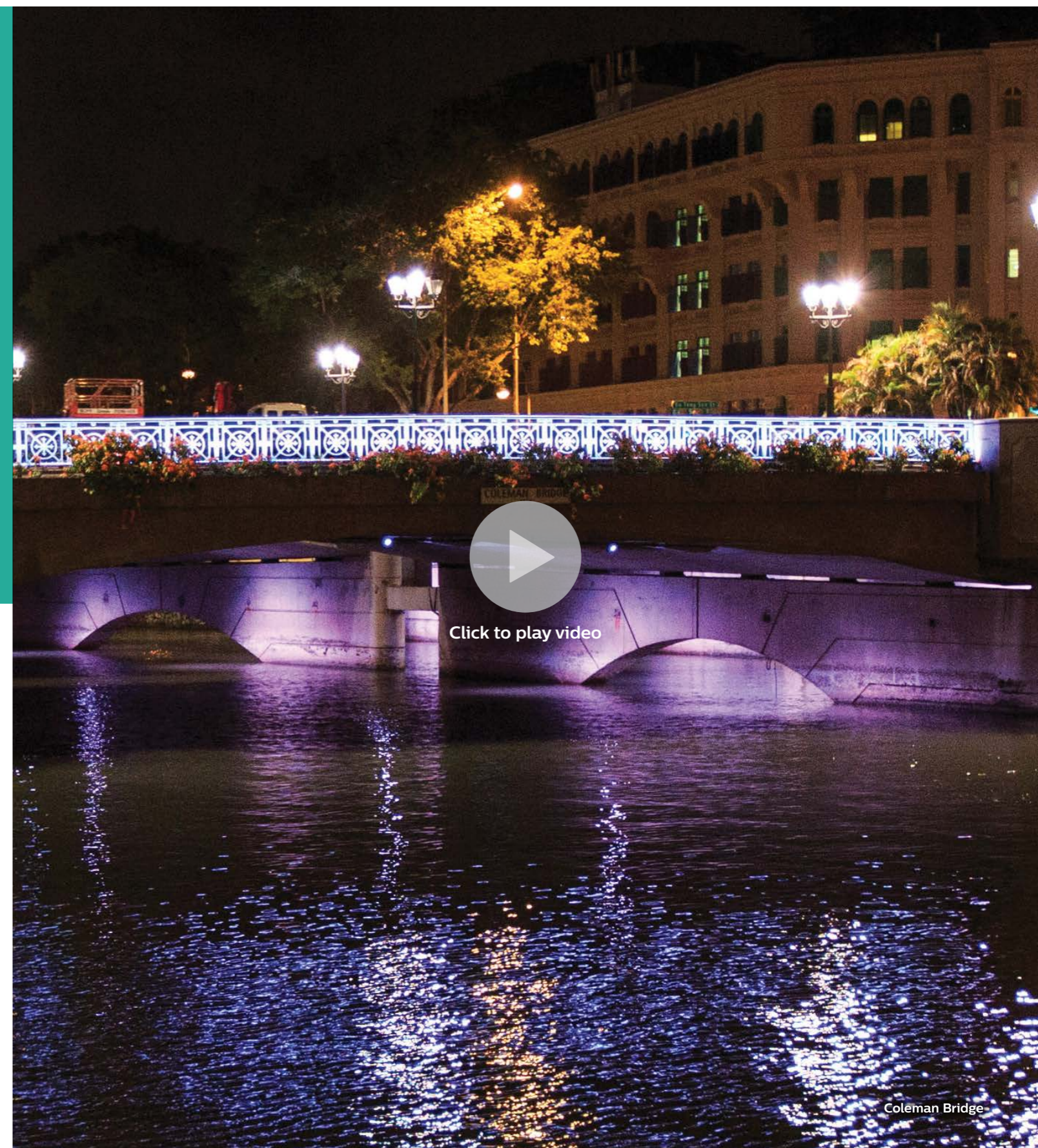
The Philips LED lighting fixtures used are outdoor rated and great for Singapore's seasonally wet weather and humid climate. Besides being more energy-efficient and long lasting, boatmen that navigate the river

daily have also noticed the superior light quality that the intelligent LED lighting offers.

Ms Donna and family, long time residents living by the Singapore River, expressed how much they love the new energy that has been injected from the refreshing lighting upgrade of the bridges.

Patricia Yim, Market Leader of Philips Lighting ASEAN Pacific says that while this project helps to transform Singapore's skyline and brings a distinct flavor to the city, it has also gone beyond illumination to enhance people's lives.

With its new and vibrant coat of light, the five iconic bridges of Singapore now sit ready to usher in the country's 50th birthday.



Coleman Bridge



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