



Anna Meares Bike Path Solar Lighting - Adelaide

Named after Olympic gold medallist Anna Meares in November 2012, the \$900K path runs adjacent to Sir Donald Bradman Drive near Adelaide Airport, taking visitors on a pleasant ride through some natural reserve and large building structures. Last October 2016, the City of West Torrens appointed **KBR Consulting Engineers** to design and deliver an effective and efficient lighting solution that would provide suitable lighting for safer night rides.

In recent years the Government of South Australia has worked together with several City Councils to establish Adelaide as the **world's first carbon neutral city**. Following this principle, KBR focused on delivering a sustainable lighting solution, that will involve low maintenance costs and will not cause pollution. After following the client's requirements, a solar powered street lighting solution was proposed and then designed by the engineers to illuminate the bike path. The consultants selected the Valen eShine Solar System together with the WE-EF VFL530-SE LED 12W to provide the sufficient illuminance to comply with AS1158 CAT P4 - Lighting for Roads and Public Spaces - which includes the lighting of cycleways. The VFL530s are mounted on 7M poles and were specified with a S70 beam distribution, suitable for the outdoor application.



An extension of the path, worth up to \$1.5 million, is planned to connect other bikeways around the area, making it a 17 kilometres loop around Adelaide Airport. The integration of an off-the-grid solar solution to illuminate the bike path will deliver substantial financial and carbon emissions savings for the community as part of the state government strategy to make all Council's operations carbon neutral by 2020.

The B.I.G. Team

eShine Lighting System
Product information >>>



VFL530-SE
Product information >>>



Birkenhead Bridge Lighting Upgrade - Port Adelaide

Connecting Port Adelaide to the outer harbour suburbs, the Birkenhead Bridge opened in 1940, becoming the first operational double-leaf bascule drawbridge in Australia. Despite a significant decline in maritime activities in the area, there are still 16,400 vehicles crossing the iconic structure daily. In Early 2014, two of the bridge's lanes were converted into pedestrian and bike paths as part of the South Australian government's Outer Harbour Greenway initiative.

To continue with the state's green design initiative, the bridge lighting was updated to the latest LED technology. WE-EF ASP530 LED 24W in 4000K were selected to retrofit each of the bridge's light poles. The LED luminaires were mounted in a double-neck pole arrangement and specified with the S70 beam distribution. The asymmetric side-throw distribution provides an even illumination over the road and shared pedestrian paths, complying with lighting standards.

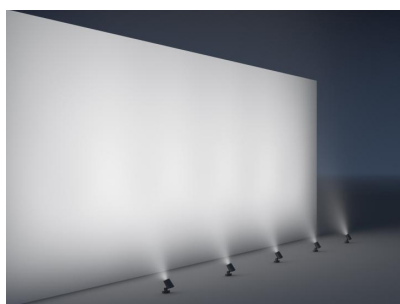
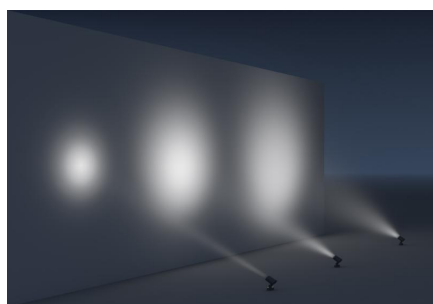


ASP530
Product information >>>

The New ERCO Kona XS LED Projector - Straightforward and Compact



The Kona XS is the smallest outdoor projector in the ERCO range, with a lighting technology reduced to what is essential - brilliant light of the familiar superb quality provided by Spherolit LED lens systems, with a huge range of beam options, from narrow spot to wide flood and wallwash distributions. This enables precise and efficient lighting concepts without detracting from the magic of the night. Kona XS adopts the modern, tapered housing design of its larger cousins in the Kona range, with a smooth yet robust aluminium housing designed for easy installation and maintenance.



Kona XS Projector
Product information >>>

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