



Shotover Country

Safeguarding the night skies.

Shotover Country is set in Queenstown. A town renowned for its outstanding natural landscape, mountains, water and most importantly in this instance, the stunning night sky.

The HPS lanterns used in neighbouring subdivisions allow light to spill upwards. This leads to environmentally destructive light pollution and obscuration of the night sky. Upwards spill light from these lamps also represents unnecessary energy wastage.

Challenge

The Queenstown Lakes area demands that all lighting installations adhere to the Southern Lights Strategy. This strategy ensures that lighting does not compromise the unique natural environment this region has to offer.

The street light design also had to provide the appropriate levels of light for comfortable night time travel.

Solution

The Cree X6A SLM Series was chosen as a suitable fitting. The proprietary performance characteristics of the CREE LED street lighting products allowed the client to achieve the desired illuminance.

Eliminating upwards light and also providing excellent light uniformity along the roads. The aesthetic design of these light fittings are simple and unobtrusive.

Key Benefits

- Reduced light pollution compared with HPS
- Full cut off, even light distribution
- Southern Light Strategy lighting performance compliant
- Over 40% energy savings when compared to HPS fixtures

Light up your world!

Advanced Lighting Technologies: 0800 788 369 www.adlt.co.nz



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Project Title

- Shotover Country, Queenstown, NZ

Client

- Shotover Country Limited

Advanced Lighting Specialist

- Grant Moodie
- Mel Levings - Southern Cross Lighting Ltd

Lighting Designer/Engineer

- Clark Fortune McDonalds & Associates

Project Completion Date

- Stages 1-5 completed mid 2014
- Additional stages ongoing

Applications

- Land Development

Services

- In-house lighting calculation services
- Pole & Lantern package

Product

- Cree LED X6A SLM Series
- 49W and 88W, Type 2 and 3 optics
- 80 Units at Oct 2014 - ongoing

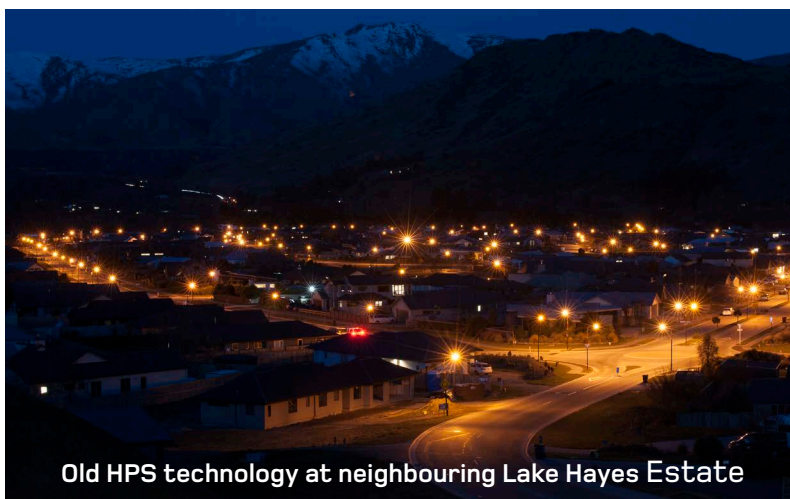
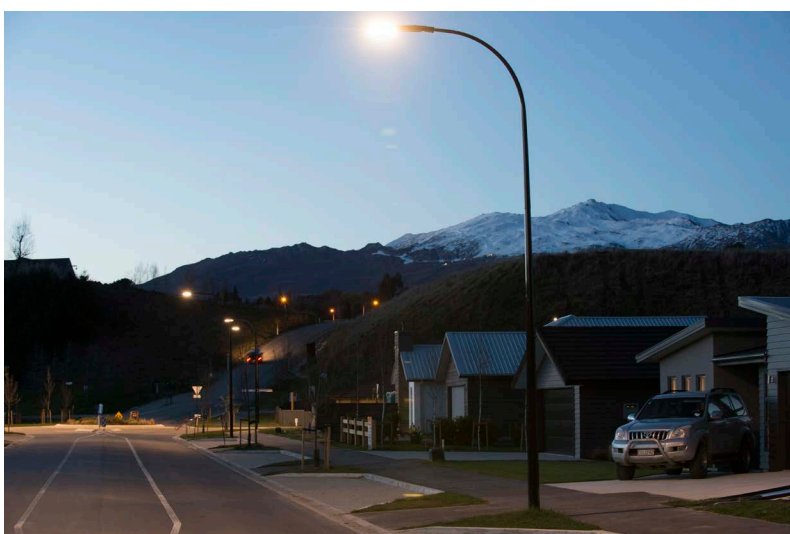


X6A SLM Series

Product Warranties

Light Fittings - Cree Manufacturer's
Warranty of 10 years

Light Fittings - Application Life of 20 years



Old HPS technology at neighbouring Lake Hayes Estate

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