

**Avlite**<sup>®</sup>  
www.avlite.com



**PROJECT IN FOCUS:  
Alice Springs Airport, Australia 2008**



***Alice Springs Airport is located in central Australia & is home to approx. 27,000 people***





***Aircraft such as the  
Qantas B747 & B777  
stop over at  
Alice Springs Airport***



***Alice Springs Airport is the main entry point to central Australia & some of Australia's world famous landmarks including Ayres Rock, Kings Canyon & the MacDonnell Ranges***



***After careful consideration Alice Springs Airport  
decide to utilize Avlite Systems' reliable  
AV70 Solar Aviation Lights***



***AV70 solar threshold, taxiway  
& runway edge lights were  
installed in September 2008***



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***The US Air Force use Alice Springs Airport as a freight transfer base for military cargo planes taking equipment in and out of the nearby Pine Gap Joint Defence Military site***





***Experiencing over +40°C temperatures, Alice Springs Airport is also used by Boeing as a test centre for hot weather trials relating to new aircraft***

***Avlite's products are designed to withstand extreme hot & cold climates, and are used extensively in the Middle East and Australian outback***



**Avlite**

***The Royal Flying Doctor Service (RFDS) operate out of Hanger 123– providing aero-medical assistance & health services to remote communities around Alice Springs***

***RFDS recommends Avlite products for airstrip owners wishing to install lights***



**Avlite**

***The AV70 uses  
Light Emitted  
Diodes (LEDs)  
as a light-source,  
meaning there are  
no globes to change  
EVER***



***The completely portable units  
require no wiring between lights  
or to mains power***





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***As part of their evaluation,  
Alice Springs airport  
performed successful in-field  
jet blast testing on the AV70  
lights***



***The lights can be installed within minutes & operate maintenance free for up to 5 years***



***Alice Spring Airport utilize  
Avlite's 5kg rubber tile for  
secure installation***

***A range of frangible accessories  
are also available***



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***The AV70 Solar-Powered  
taxiway edge light has been  
independently tested to meet  
the requirements of ICAO  
Annex 14 Volume 1,  
'Aerodrome Design and  
Operations', Forth edition  
July 2004, paragraph 5.3.17.7.***





*The integrated solar panels  
charge the internal battery  
during daylight hours...*



*...& on dusk once the ambient light threshold drops, the lights will turn ON automatically*



**Avlite**



***Once installed the lights will operate maintenance-free for years; saving Alice Springs Airport thousands of dollars in electricity & maintenance costs***



**Avlite**

***The low maintenance requirements & long service life of Avlite's robust, IP68 waterproof rated products make them a...***

**CLEAR WINNER**





**Avlite**

***We would like to thank the team from Alice Springs Airport for providing photographs for this presentation, & for trusting Avlite Systems with their aviation lighting requirements.***





**Avlite**<sup>®</sup>



***For further information about Avlite's range of solar-powered LED airfield lights and equipment please contact  
Ph: +61 (0)3 5977 6128 or Email: [info@avlite.com](mailto:info@avlite.com)***