



AUSTRALIAN NATIONAL TESTING
LABORATORIES PTY. LTD.

15/05/2043

To Smart Blind, Unit 3/20 Junction Road, Burleigh Heads, QLD 4220, Australia.

Retractable Screen Solar Transmission Tests.

Product Tested: Smart Blind

- Fabric used: Serge Ferrari, Soltis 99 series.
- 3% openness.
- Colour/backing: Quartz- 992055 Aluminium.
- Application: Internal applications.
- Glass: 6.38mm clear Laminated glass.
- 87% visible light Transmission.
- 8% Retention of light
- 8% deflection of light.
- Frame: Western red cedar sliding window.



Test Window with screen closed on Solar Test Stand.



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Solar Pyranometer behind Glass for test 1.



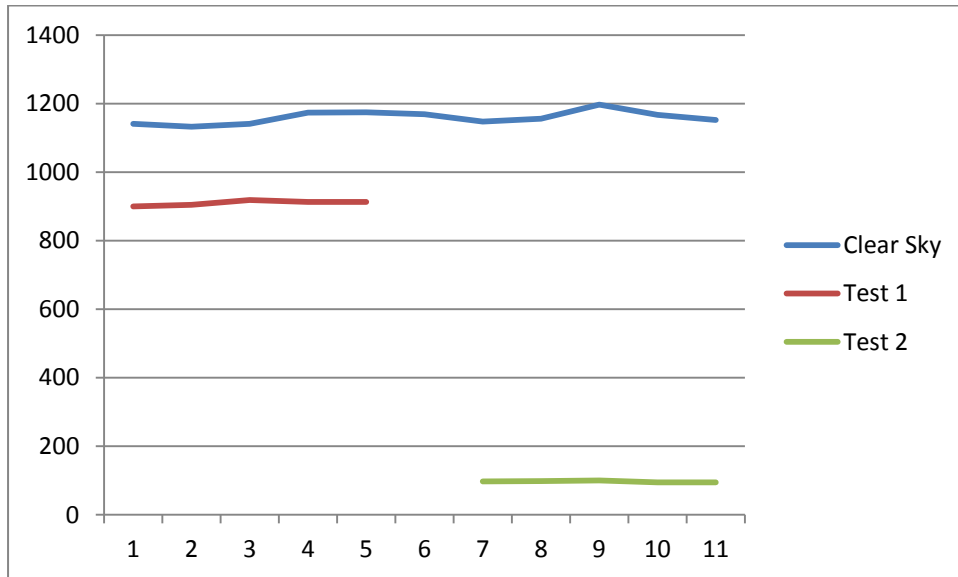
Solar Pyranometer behind Glass and Closed Screen for test 2.

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Solar Transmission Tests



Graph showing test data averages over 15 minutes. W/m² =Watts Per Metre Squared vs Minutes.

Clear Sky	Test 1	Test 2
1141	900	
1132	905	
1141	919	
1173	913	
1174	913	
1169	-	
1147		98
1155		98
1197		100
1167		95
1152		95

The average reduction in solar transmission with the screen closed was 89.3% when compared to a clear sky.

Test 1 is with the glass window closed, while Test 2 is with the glass window closed and also the blind closed.

The window was installed on the solar tracker frame and operated to point directly at the sun during solar noon, there was some small clouds but a generally clear sky facing the direction of the window under test.

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A handwritten signature in black ink, appearing to read "Jeffrey I. Profke", is shown within a light gray rectangular box.

Signature

Jeffrey I. Profke

CEO of ANTL