
Manufacturer's Statement - Solatube eChoice

Introducing the New Choice in Daylighting

Solatube Australia Pty Ltd the leading Australian Supplier of Tubular Daylighting Devices (TDDs), announces its new eChoice Daylighting System that sets the bar for energy efficiency.



Welcome to a more enlightened way to bring natural daylight to your home. eChoice products empower you to pick a Daylighting System that not only makes a difference in your life – but also your impact on Earth's resources.

What is eChoice?

eChoice is a scientifically developed insulating plate similar to double glazing in window construction that improves the thermal performance of Solatube TDDs. It consists of two clear perspex plates that are held apart by four supporting clips. When installed, it is positioned above the TDD diffuser and delivers the required BCA 2013 thermal performance for compliance.

Breakthrough Thermal Performance

The performance standards now required by the Building Code of Australia 2013 (BCA 2013), for roof-lights, states that the Solar Heat gain Co-Efficient ratings (SHGC) must not exceed 0.29 and the U-value must not be greater than 2.9. This standard applies when the roof-light is assessed as part of the minimal amount of daylight required in Class 1a & 1b buildings as defined by the BCA 2013.

In response to this challenge, Solatube eChoice products were designed to meet the BCA 2013 requirements. The choice is clear, Solatube 160DSe and 290DSe Daylighting Systems offer superior light performance with unrivalled energy efficiency.

Providing real 'Energy Efficient' solutions for Daylight!

Solatube eChoice comes at a time when (Globally) traditional roof-lights are being challenged to minimise 'heat-gain' and reduce 'heat-loss' from buildings. This is a tough challenge for some roof-lights! Solatube eChoice can lay true claim to improving the energy efficiency of a building, as it is part of the US Energy Star program. This program has assisted the US Government in its objective to reduce the CO2 emissions from American buildings. Not all roof-lights improve the energy efficiency of buildings, so to be recognised as a daylighting product approved for use in the US Energy Star program, substantiated our claim ***“that Solatube eChoice will provide daylight into buildings without the disadvantages of roof-lights that are not designed to (1) minimise heat-gain or (2) prevent heat-loss (via un-closable vented roof light openings)”***.



*All Measurements Metric

