

Overview

LightGeist is designed to give the participant a better understanding of light and lighting.

The term “LightGeist” is a play on the German expression “Zeitgeist” (a link to Zumtobel’s Germanic origins!) which literally translates as “spirit of the time”. LightGeist explores the current spirit of the lighting world. What is new? What is changing? What does the future hold?

Needless to say our lighting world is changing more rapidly than ever before. New technology such as LED and Lighting Controls have proved massively influential.

LightGeist explores these topics and gives participants a hands-on approach. You’ll find LEDs are not LEDs! Concurrently, the constant demand to be more and more energy efficient is explored. Many government initiatives aim to improve energy-efficiency and while there are indeed many gains to be made LightGeist also considers the pitfalls of approaching a lighting solution solely on energy efficiency. Good energy-efficiency should not come at the expense of lighting quality. LightGeist presents a harmonised view of how both lighting quality and energy efficiency can exist in unison.

Agenda

Session 1 Energy-efficiency and Lighting

Good lighting design is a delicate balance between lighting for individuals and energy consumption. The first session examines and dissects the whole subject of how energy impacts lighting. Topics include a breakdown of energy associated with lighting, a presentation of relevant codes and guidance (such as Australian Standards, The Green Building Council and The BCA) as well as methods of achieving energy-efficient lighting.

Session 2 Ergonomics and Lighting Quality

Whilst an energy-efficient operation is essential, we should not ignore the very reason we light spaces: people. This session examines the qualitative aspects of lighting that are vital for an effective and productive environment. Regardless of the application, lighting is hugely influential for the successful use of the space. Whether occupants are working, shopping, recuperating, learning, dining or viewing art, lighting quality is paramount.

Session 3 LEDs and Lighting Controls

The lighting industry is flooded with LEDs of various quality. This session will equip you with the knowledge to separate the good from the bad. We host a hands-on workshop so you can see, touch and experience LEDs of varying quality. We also explore the possibilities of lighting controls. In recent years adding digital lighting controls to commercial lighting has become very easy. Witness some industry-leading products and see how they can not only reduce energy consumption, but also improve lighting quality - a genuine win/win scenario.