

THE SIKH GRAMMAR SCHOOL ELECTRICAL SERVICES



Umow Lai

Topic: Lighting Design Statement
Date: 20th August 2019
Project Name: **THE SIKH GRAMMAR SCHOOL**
Project No: SSGS 0101
Client: PMDL

Umow Lai NSW Pty Ltd
Consulting Engineers
ABN 80 143 565 324
Level 7, 657 Pacific Highway
St Leonards NSW 2065
PO Box 103 St Leonards
NSW 1590 Australia
T: +61 2 9431 9431
F: +61 2 9437 3120
ulsyd@umowlai.com.au
www.umowlai.com.au

Sydney Melbourne Brisbane

Sent	Company	Name	Email
20/08/2019	PMDL	Craig Kerlake	ckerslake@pmdl.com.au

Dear Craig,

With reference to queries related to the light spill for The Sikh Grammar School, we offer the following response;

Internal lighting to the Function Space will be designed to comply with **AS1680 – Interior Lighting**. This standard nominates recommended lux levels for spaces serving various occupancy uses.

External Lighting will be designed to comply with **AS1158 - Lighting for roads and public spaces** and **AS4282 - Control of the Obtrusive Effects of Outdoor Lighting**. The fundamental aspects of this code include;

- Effects of neighbouring residents
- Effects on transport indication
- Containing light spill
- Being considerate towards existing ambient lighting conditions
- Limits on maximum luminous intensity of individual fittings
- Reflection of illuminated surfaces

Regards
Umow Lai

Paul Jacobsen
Director