

12.06.2019

Ref: SY171701-00-EL20-A

NSW Department of Education  
C/- Billard Leece Partnership  
Level 6, 72-80 Cooper Street  
Surry Hills NSW 2010

Dear whom it may concern,

**Re: New Public School at Warnervale - Lighting Statement**

The lighting design throughout the New Public School at Warnervale project will be designed to be compliant with:

- National Construction Code 2019 – Section J
- Australian Standards AS1670, AS4282
- The NSW Department of Education Educational Facilities Standards and Guidelines (EFSG)

Internal lighting is proposed to comprise modern, high visual-comfort LED luminaires throughout, arranged to suit the spaces. The luminaires will operate on a DALI smart lighting protocol, inclusive of a Constant Light Output system, daylight harvesting in all rooms that face a window, occupancy sensing based on microwave presence detectors and individual lighting scene control in each space.

External lighting is proposed to comprise ground lighting and pole-mounted lights, which are to be designed to have no upward lighting aspect, maintain compliance with AS4282 (Control of the effects of Obtrusive Lighting) with respect to shielding neighbouring properties from glare and light spillage. External lighting will operate via a combination of in-switchboard time clocks, externally mounted photoelectric cells and conventional button panels within the Administration Block.

Yours faithfully,



Tommy Sailing  
Electrical & ICT Engineer  
Northrop Consulting Engineers Pty Ltd

Date	Rev	Issue	Author	Verifier
12.06.2019	A	For Review	T. Sailing	-