

When I'm working on a problem,
I never think about beauty. I think
only how to solve the problem. But
when I have finished, if the solution
is not beautiful, I know it is wrong.
Richard Buckminster Fuller

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Lighting Design
Sustainable Design
Electrical Engineering

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STEENSEN VARMING

Att. Robert Allen

Dear Robert,

Sydney November 02, 2022
Ref. No. 227066 L01 [01]

**Lighting Design Statement for HammondCare Wahroonga,
External Lighting**

Tamara Hanna
Lighting Designer

The exterior lighting consisting of Pedestrian Lighting and Feature Lighting will be designed to meet specific standards and requirements, including relevant Australian Standards. The lighting will be provided to enhance the architectural and landscape vision and support safe passage without impacting on neighbouring properties.

The lighting design strategy shall be developed in line with the intent of:

1. AS/NZS 1158 Lighting for roads and Public Spaces, Part 3.1: Pedestrian area lighting
2. AS/NZS 4282:2019 Control of the obtrusive effects of outdoor lighting

The new pedestrian and feature lighting shall form part of the landscape and architectural design, with consistent language across the site. All lighting shall comply with the intent of AS4282, in consideration of minimizing obtrusive light outside the site boundaries and in consideration of public amenity. The following mitigation measures shall be applied to the overall strategy:

- Lighting controls to limit the operation of lighting during curfew hours
- Minimise sky glow with downward and/or directed lighting
- Minimisation of spill light by utilising appropriate lighting distribution, direction and optical control
- Developing a lighting strategy in accordance with relevant standards
- Minimising glare through proper aiming, mounting and dimming

Kind regards,



Mirjam Roos, IALD, CLD (Certified Lighting Designer)
Associate Director