

Green Star – Design & As Built Submission Template

Ensure all prompts shown in **Blue text** have been to.

Design Review / As Built [Delete as appropriate]

Credit: Light Pollution

Project Name: [name]

Project Number: GS- [#####]

Points available: 2

Points claimed: [1 or 2]

Minimising effects of light pollution

The project minimises the effects of light pollution by achieving the following criteria:

[Please select the applicable criteria incorporated to minimise light pollution]

Credit Criteria	Description	Points available	Points claimed
1 Control of the Obtrusive Effects of Outdoor Lighting	External lighting design complies with AS 4284 'Control of the Obtrusive Effects of Outdoor Lighting'	1	☐
2 Reduction in Light Pollution	Upward Light Output Ratio of all external lights do not exceed 5% relative to its mounting orientation; OR Direct illuminance from external luminaries produces a maximum initial point illuminance value no greater than 0.5 Lux to the site boundary and no greater than 0.1 Lux to 4.5 meters beyond the site into the night sky	1	☐

[Please delete sections which are not relevant to the building]

1 Control of the Obtrusive Effects of Outdoor Lighting

The lighting design for the project complies with AS 4282 'Control of the Obtrusive Effects of Outdoor Lighting'.

[Describe the external lighting strategy. Demonstrate that the external lighting has been designed to AS4282 referencing drawings, schedules and specifications where relevant]

[Please insert hyperlinks to documents which support these claims]

Therefore, as demonstrated in section 1 this project is eligible to achieve [1] point for minimising light pollution into the night sky.

2 Reduction in Light Pollution

The lighting design has minimised light pollution into the night sky by ensuring no external luminaire, relative to its particular mounting orientation, has an Upward Light Output Ratio that exceeds 5%;

OR

Direct illuminance from external luminaires produces a maximum initial point illuminance value no greater than 0.5 Lux to the site boundary and no greater than 0.1 Lux to 4.5 metres beyond the site into the night sky, when modelled using a calculation plane set at the highest point of the building.

[Describe the external lighting strategy. Reference photometric data and illumination diagrams for all external luminaires, show aiming points and mounting orientation of all external luminaires referencing drawings, schedules and specification where appropriate]

[Please insert hyperlinks to documents which support these claims]

Therefore, as demonstrated in section 2, this project is eligible to achieve [1] point for minimising light pollution into the night sky.

Discussion

[Insert any issues you would like to highlight and clarify to the Assessment Panel.]

Author Details:

[Insert name, position and contact details of author]

[Date]

— Report end —