Green Star – Design & As Built Submission Template

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

Design Review / As Built Submission [Delete as appropriate]

Credit: Lighting Comfort

Project Name: [name]

Project Number: GS-[####]

Points available: **2** Points claimed: [1 to 2]

0 – Minimum Lighting Comfort

0.1 – Flicker free lighting

All lighting within [project name] is flicker free. Flicker-free lighting refers to luminaires that have either:

- A minimum Class A1 ballast (in line with AS/NZS60921 and AS/NZS60929);
- High frequency ballasts for all fluorescent lamps, or
- Electronic ballasts in High Intensity Discharge (HID) lighting.

[Insert hyperlinks to documents which support these claims]

0.2 – Colour perception

All light sources within [project name] [have / have not got] a minimum Colour Rendering Index (CRI) of 80.

The light sources included within the project that have a CRI of less than 80 do not impede activities in the spaces that they serve in line with Guidance provided in Table 7.2 of AS1680.1:2006. [No explanation required. All light sources have a minimum CRI of 80 or higher. If any light sources in the project have a CIR of less than 80, please justify in line with the above statement.]

[Insert hyperlinks to documents which support these claims]

Therefore, as demonstrated above, this project is eligible to achieve the minimum requirement for lighting comfort.

1 – General illuminance and glare reduction

[Project name] is eligible to achieve 1 point for general illuminance and glare reduction.

1.1 - General illuminance

Lighting installed in [project name] achieve appropriate lighting levels which do not exceed 'best practice general illuminance' as specified in the credit and the relevant section(s) of AS1680 standards for each task within each space type by more than 25%. Compliance with this requirement is documented in the below table.

Space/Floor	Task/activity type	'Best practice general illuminance' + 25% allowance	Area weighted average illuminance	Compliant [Y/N]

Lighting installed in [project name] maintained illuminance values achieve a uniformity of no less than what is specified in Table 3.2 of AS1680.1:2006 with an assumed standard maintenance factor of 0.8. Compliance with this requirement is documented in the below table.

Space/Floor	Task/activity type	Required uniformity level (Table 3.2 of AS1680.1:2006)	Uniformity level in space	Compliant [Y/N]

[Insert hyperlinks to documents which support these claims]

1.2 Glare reduction

Glare from lamps has been eliminated from the nominated area for [project name]. There are three methods for achieving this, two prescriptive methods (Option A and B), and a performance method (Option C) as outlined in the credit. [Project name] demonstrates compliance for each space/floor in the building using compliance option(s) as outlined in the below table.

Space/Floor	Lighting description	Select compliance option(s) for each space/floor			Compliant [Y/N]
		Option A	Option B	Option C	

[Insert hyperlinks to documents which support these claims]

Therefore, as demonstrated above, this project is eligible to achieve [1] point for achieving general illuminance levels not more than 25% higher than those recommended in AS1680, uniformity of general illuminance in line with AS1680.1:2006, and are designed to reduce glare from light sources.

2 - Individual Control and Surface Illuminance

[Project name] is eligible to achieve 1 point for individual control and surface illuminance.

2.1 – Individual Control

[Project name] has identified the immediate environment for its occupants and has designed a lighting system that gives occupants control over light levels in their immediate environment. The below table demonstrates how [project name] defines 'immediate environment' for each space within the building and how the lighting solution complies with the credit.

Space/Floor	Immediate environment	Individual control provided by[1]:			Compliant [Y/N]
		Two component lighting system	Individual desk lamps	Individual digital light control	
	[e.g. workstation]				

[1] Full description and clarification of what constitutes individual control is detailed further in the credit.

[Please include any further (brief) description or clarification of lighting systems in the project and how they are aligned with the individual control compliance option(s) selected for each space.]

[Insert hyperlinks to documents which support these claims]

2.2 – Surface illuminance

[Project name] has provided surface illuminance in line with either Option A: prescriptive method or Option B: performance method as detailed in compliance requirement 2.2 of the Lighting Comfort credit.

Space/Floor	Lighting description	Select compliance option(s) for each space/floor		Compliant [Y/N]
		Option A: Prescriptive	Option B: Performance	

[Insert hyperlinks to documents which support these claims]

Therefore, as demonstrated above, this project is eligible to achieve [1] point for achieving individual occupant control of lighting and by providing indirect surface illuminance to spaces in line with prescriptive or performance based requirements as outlined in the Lighting Comfort credit.

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 ——