

Green de Corp. Limited - Case-Study (5)



PROJECT INFORMATION

CLIENT: Preschool Childcare Centre

LOCATION: near Harbor Bridge, Sydney, Australia.

COMPLETION YEAR: 2018

SYSTEM / PRODUCT INSTALLED: "PARANS" sun-tracking daylight system

PROJECT BRIEF: A preschool's new premise near the Harbor Bridge in Sydney had limited natural light. The playrooms would be placed on the second floor, where the children would play and learn but also spend an essential part of the day. The premises had limited natural light because the building is surrounded by large office and residential buildings, which is common in big cities. The challenge was to reach legislation requirements for satisfying levels of daylight.

Parans system was approved to use to reach required daylight levels. Sydney has approximately 2,500 hours of sunshine per year. All these hours of sunshine can be used and natural light can flow in the room via the flexible Parans system with fiber optic cables that leads the light from the collectors on the roof to the playrooms. In this installation, the luminaire Point Light spreads the daylight across a large surface in the childcare centre.