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Fact Sheet
Daylighting and Structure

Daylight is the combination of all direct and indirect sunlight during the daytime. With building design, this is measured using criteria including Useful Daylight Illuminance or Spatial Daylight Autonomy. Optimising the design of the structure is crucial for maximising the amount of daylight available.

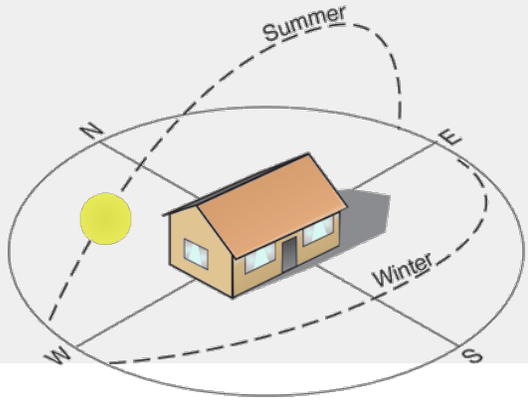
Innovare's i-SIP design and construction techniques allow the flexibility to provide daylight into circulation areas through the use of lightwells.

Windows can be fitted to the underside of soffits without the use of downstand beams to maximise the penetration of daylight to all areas of rooms.

The quality of admitted daylight can be maximised by using clerestories and rooflights, to provide the best possible amount of available illuminance.

I-SIPs can be configured to allow for support for light shelves as well as solar shading on the outside of buildings, utilising the pre-designed fenestration.

Fenestration, depth and height ratios can easily be configured for the optimum daylight requirements depending on the building's orientation and geographical location.



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