SUNDUCT

Customer Use Case

Customer	Problem	Application	Outcome
Warehouse operator	Warehouse used high bay lights 24/7, resulting in high electricity costs.	Retro-fitted Sun Duct systems across the roof span, supplemented with motion-activated LED backup for night operations.	Increased lighting savings, warehouse workers well-being improved from the natural light.
Commercial office	Internal office spaces lacked access to natural light, making them dependent on artificial light. Negatively affecting occupant wellbeing and energy costs.	Installed Sun Duct's daylighting system to bring full-spectrum natural light into corridors, meeting rooms and bathrooms. Without affecting the structural layout.	Reduced daytime lighting energy use. Improved tenant satisfaction scores (comfort and productivity).
Education facility	Students and staff internal classrooms complained of poor lighting and stuffiness. Schools' energy bills were rising due to extended lighting hours.	Installed Sun Duct systems with optical passive ventilation units in classrooms and common areas.	Improved cognitive focus and engagement. Reduced energy consumption, contributing to the school's sustainability goals.
Retail stores	Artificial lighting causes shadows and uneven lighting.	Installed Sun Duct's system to bring even and natural light into the store.	Inviting ambience, improved shopper engagement, increased sales, and lower energy costs.

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Healthcare centres	Need for glare-free, naturally lit environments. Patients are complaining about existing lights.	Install standard Sun Ducts. Bringing glare-free natural lighting.	Improving patient wellbeing, reducing energy costs.
Construction firm	Lighting designs had to be low-energy and integrateable off-grid. Standard skylights disrupted the prefabrication process and introduced thermal challenges.	Integrated Sun Duct units into roof modules at the factory stage, enabling plug-and-play daylighting for various configurations.	Enabled cost-effective mass production without compromising daylight access, reduced need for on-site electrical work. Increased value for developers seeking eco-certifications.
Restaurant	Restaurants in city's don't receive natural light during the day due to surrounding buildings.	Installation of Sun Duct from the side of the building funnels natural light directly into the dining area.	Improved customer satisfaction, reduced energy costs.