

Powerful example of healthy natural lighting delivered indoors at the bay

- **Project:** Tsuen Wan West Station Development TW6 Tower 2: Leisure and Sports Complex, Sunpipe
- **Customer:** [Leisure and Cultural Services Department](#) & [Architectural Services Department](#)
- **Sector:** Leisure, Export
- **Distributor:** [Delta Pyramax Engineering](#)
- **Developer:** [New World Development Company Ltd](#)
- **Consultant:** [WSP Asia Ltd](#)
- **Architect:** [LWK & Partners \(HK\) Ltd](#)
- **Location:** Hong Kong
- **Feature Products installed:**
 - » 15 N° SUNPIPE® 300mm diameter systems installed in sports hall.

Tsuen Wan West Station Development TW6 Tower 2: Leisure and Sports Complex

As part of the TW6 development next to Tsuen Wan West MTR station, 15 N° Sunpipe systems have been installed in the Sports Hall, providing natural light directly to the hall. The units were installed in 2017 as part of the overall development which is due to complete in 2018.

Sunpipe Systems, Natural Lighting Experts

The Sunpipe systems are designed and manufactured in the UK. Sunpipes collect natural light using a patented high impact acrylic Diamond Dome, passing it through a super-silver mirror finished aluminium tube. This reflects and directs the natural daylight to the diffuser. The diffuser then distributes the natural daylight evenly in the sports hall. Independent [tests](#) have demonstrated the highest sustained reflectance and transmittance compared to other sun tunnel solutions.

Many of us are now spending up to 80% of our time indoors, whether that be for work, school or leisure. There is evidence that limited natural light can have a negative impact on mental health & physical health. For users of the sports hall, having natural light delivered indoors provides a positive sense of health and wellbeing.



There are many additional benefits of installing a Sunpipe natural lighting system. Once installed, the self-cleaning dome and lack of mechanical elements mean that they are extremely low maintenance. With a ten year guarantee, developers can be confident that the systems will perform just as well in year 10 as it does in year 1.

By introducing natural light indoors, it is possible to reduce energy usage and therefore carbon emissions. There is an additional positive impact on energy costs. Previously the sports hall may have required the lights to be on all day. By installing Sunpipe systems, the number of hours the lights will have to be on at all will be significantly reduced.

Monodraught exporting natural light around the world

The systems were supplied to our distribution partner in region, [Delta Pyramax](#). Monodraught work with a selection of partners across the globe to deliver low carbon natural and hybrid lighting, ventilation and cooling solutions. We design, manufacture and install our systems to create low energy, low carbon and sustainable buildings.

To find a Monodraught distributor for products in your region, visit the [Worldwide](#) pages on our website or [contact](#) our head office in High Wycombe, United Kingdom.