

Tunnel Lighting

wsp



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WSP Lighting & Energy Solutions

At WSP, we provide energy-efficient lighting solutions for all types of projects. Our well-planned lighting schemes are fully integrated within the architecture, provide visual comfort, and are adapted to the needs of the end-user while creating spaces that are inspiring and responsive.

Our Lighting and Energy Solutions Team design aesthetic and effective lighting schemes for all projects including rail, roadways, tunnels, transit, architecture, and urban realms to name but a few. We offer bespoke lighting solutions for both interior and exterior projects. Our lighting designs aim not only to be individual but visually captivating and also sit within the environment in which they are located, while being buildable, maintainable, and embracing new technologies.

We take key environmental factors into account, including sustainability in the use of energy, as well as ecological factors relating to fauna and flora and obtrusive light.

Our Lighting and Energy Solutions Team comprises a diverse group of individuals including Designers, Architects, Engineers and Daylight Experts who design lighting projects around the world. With an extensive background in Architectural Lighting, Local Government, SMART Spaces, Environmental Impact, Electrical Vehicle Charging, Strategic Road Network (SRN) and Tunnel Lighting, we are experienced in defining appropriate lighting designs and systems across the globe.



Tunnel Lighting

Tunnels are unique lit environments. They come in all shapes and sizes – from long multi-lane highways to short and unusual urban structures. Large or small, We are at the forefront of tunnel lighting design and technical assurance.

Each project is distinctive, but the underlying requirements are often similar: energy reduction, operational resilience, consideration of human factors. With expertise in lighting, power, control, measurement and inspection, we provide trusted technical advice to a wide variety of tunnel operators.

We use the latest-technology luminance mapping, to address some of the specific measurement challenges in tunnels. Luminance mapping can be adapted to the distinctive requirements of tunnels, providing performance data to inform future maintenance decisions. It can also provide assurance for new or revised schemes, with output tailored into a variety of easily understood formats, all more quickly and easily than traditional measurement techniques.

We Provide Expertise in:

- Design
- Technical assurance
- Research
- Condition inspection
- Energy reduction





LIGHTING & ENERGY SOLUTIONS

Tunnel Lighting

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