

Lighting the Future, Preserving the Night
Our DarkSky certified solutions minimize light pollution and maximize environmental harmony.



Future Needs DarkSky

We recognize light pollution as a significant environmental concern that affects ecosystems, human health, and astronomical observation.

Light pollution refers to the excessive or misdirected artificial light that brightens the night sky, causing skyglow, glare, and other adverse effects. It disrupts natural habitats, impacting wildlife behavior and ecosystems' balance, while also disturbing human

circadian rhythms and sleep patterns. Additionally, light pollution obscures our view of the stars and celestial bodies, diminishing our connection to the cosmos and hindering scientific research and astronomical observation.



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St. Patrick's Church

Newport, United Kingdom

St. Patrick's Church, located in County Mayo, Ireland, is a historically and culturally significant structure. The church's previous lighting system had several issues: excessive brightness created an artificial and unbalanced nighttime appearance, architectural details were lost, and uncontrolled

light distribution led to glare and light pollution while also consuming excessive energy. The lack of strategic lighting weakened safety, particularly in transitional areas. This situation both overshadowed the church's historical value and created an environmentally unsustainable system.



The new lighting design implemented by Heper highlighted the church's architectural details while minimizing light pollution through environmentally conscious and Dark Sky-certified solutions. By using DRAGO series luminaires, unnecessary light dispersion was eliminated, energy efficiency was improved, and the church's night visibility became more balanced. The project prevented the loss of architectural details and created a sustainable design example by

preserving environmental harmony. This achievement was internationally recognized with prestigious awards, including the 2024 Build Back Better Awards – Lighting Category – Platinum, Saint Patrick's Church in County Mayo, Ireland, the 2024 Build Back Better Awards – Lighting Category – Green, Saint Patrick's Church in County Mayo, Ireland, and the FX Awards Winners 2024 – Lighting Design Winner, St. Patrick's Church for Dark Source.



Plas Y Brenin National Outdoor Centre

Capel Curig, United Kingdom



Plas Y Brenin is a vibrant national outdoor centre located in Capel Curig, United Kingdom, welcoming nature lovers, athletes, and adventure enthusiasts throughout the year. However, the previous lighting system at the centre had over time caused light pollution, disrupted the natural night atmosphere, and negatively affected the environmental balance. Due to excessive light dispersion, the natural darkness of the sky was lost, visual comfort weakened, and energy efficiency was not achieved.



With Heper's Dark Sky concept, the newly developed lighting system provided the right level of light only where necessary, protecting the natural environment while enhancing user safety. With DOGO series luminaires, controlled and directed light was achieved, unnecessary light spill was eliminated, and energy consumption was reduced. As a result, the centre gained an aesthetic and functional balance in the night atmosphere and became a sustainable example.

Design Awards 2022 – Winners in Landscape Lighting, the 2022 [d]arc awards – 'Best of the Best': Plas Y Brenin, UK by Dark Source, and the 2022 [d]arc awards – Spaces: Low Budget, Plas Y Brenin, UK by Dark Source. In addition to the recognition for Plas Y Brenin, Dark Source was also awarded at the 2023 Build Back Better Awards – Lighting Category – Gold and the 2023 Build Back Better Awards – Lighting Category – Green for the Good Lighting Technical Advice Note for Cumbria project, further demonstrating the company's commitment to sustainable and innovative lighting design.

This achievement was recognized with several prestigious awards, including the LIT Lighting

