

Study Case - Landing lights for Antarctica (2016, 2017)

Mission: to create a portable, flashing guidance light system for landing airplanes in Antarctica that can withstand the climate.



Why CORE Lighting was used for Antarctica?

Five Battery Powered LED Wireless Flood Lights were able to illuminate a small runway in Antarctica for NAS (Niche Aviation Solutions) by using a 'Running rabbit' sequence. All of the units are wireless controlled, portable, rechargeable and rugged. Next to that, the units of us are able to withstand the cold climate in Antarctica. Our Flood Lights are not just for evenings/nights because they are even visible from 9 miles away in the sunlight. The Flood Lights were tested beforehand in a field, a picture of this is displayed on the right.



Testing Flood Lights for Antarctica

Second batch for the main runway (2017)

1 Year later we had the privilege to provide another batch of Battery Powered LED Wireless Flood Lights. This time we provided a 9-piece system for the main runway. For the second batch, we improved the batteries & charging systems. We also improved the 'running rabbit' sequence and made larger control boxes to withstand cross-winds.



Main runway Antarctica

Meet us



Any venue, any occasion

We have been manufacturing, designing and innovating CORE Lighting products for over 10 years now. All of our products are fully weatherproof and battery powered. Our wide range of products are all quick and easy to setup and offer a vast amount of LED Lighting for any venue and any occasion.

Whether you are looking to add ambience to a momentous event or light up a stately home, CORE Lighting has the right wireless LED battery powered spotlight, floodlight or uplighter for you.

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Previous projects where CORE Lighting was used.

