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AIMday Company summary

Skyjoy is an innovative care solution using circadian lighting, intelligent sensing and cloud based AI to help people with dementia experience a more natural and safer life. Skyjoy technology reduces falls, improves mood, reduces stress and provides faster response to potential falls. The behavioural data we capture will increase understanding of the condition, assisting stakeholders and policy makers to improve future planning in residential dementia care and in communities in new and exciting ways.

Skyjoy was formed by Dr Pamela Topping, a recognised thought leader in dementia design and Lloyd Crawford FSL who has decades of experience in commercial and healthcare lighting.

Skyjoy has been proven in a Belfast care facility using prototype luminaires and sensors- now we want to run a large scale trial in care facilities in the UK and/or RoI, to capture large scale datasets with production luminaires. This will deliver new understanding of dementia behaviours and the human response to light-information that will be invaluable to care providers, architects, clinicians, academics, improving care and care planning, reducing care costs and improving the lives of potentially millions of people around the world. In the wake of Covid 19, we're exploring the potential impacts of environment on people living with dementia – temperature, humidity, air quality- and future iterations of our system will also capture this information.

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