



Oops! We've done it again - Pulsar factory has a second LED installation surpassing 100,000 hours of operation

Back in May 2003 we installed our own LED lighting on the front of the building, confident in its reliability, longevity, and durability. 12 Chroma Panels were installed on the South-facing front of the factory building and have been running 24/7 ever since. We believe this to be a World first with Pulsar holding a World Record for the "Longest Lasting LED Installation."

Fast forward to today and the original ChromaPanels printed with the Pulsar name have clocked an impressive 13 years 10 months of continuous activity - actually surpassing 115,000 hours! This real-world industry first is proof of LED's amazing longevity and also of Pulsar's dedication to making the highest quality LED lighting fixtures on the market.

In the May of 2005 an additional 21 metres of ChromaStrip2 product were installed on Pulsar's Facade. Would you believe it, our ChromaStrip2 product has now also surpassed 100,000 hours! Yes, we've done it again! The world's second longest lasting LED installation.

Company records place the date of installation and commissioning to a day in May of 2005, when we hired a cherry picker to install the ChromaStrip2's on the front of the factory. This date confirmed by a recent serial number check. (Pulsar's outstanding factory team keeps records of serial numbers and product information dating all the way back to the company's founding in the 1970s!)

Yet again, another major milestone for Pulsar, having two installations surpassing 100,000 hours continuous use. As far as we're aware there are no other similar examples, particularly when many installations would have been stripped out and re-fitted many times over the years. We pride ourselves on producing quality products, which we expect to be reliable and durable. We're also proud to refer to an installation with over 100,000 hours when our customers ask about Pulsar's product lifetime, this is very important when the customer asks for longevity for an installation on the front of a façade etc.

Dave Cowan said "As the member of the Pulsar family responsible for generating, supporting and selling our Architectural Lighting Products globally along with a superb and talented team, it's great to see our products survive the test of time and prove we can stand by our claims of durability, longevity and reliability. The installation here is mirrored by a real customer installation in Bahrain where the Financial Harbour is lit by the same product and still going strong. Let's see where the next 13 years will take us!"

Quote from Andrew Hilbert states: "Whilst the 'headline' is the longevity of the LED's, it is the driver components that keep those LED's operating. Each CS2 has 30 LED's and more than 40 driver components which have also operated for 100,000 hours. A luminaire is only as reliable as it's least reliable component, so Pulsar has always taken a systematic approach to product design. Products can fail due to water ingress, stresses due to thermal cycling, or premature failure of just one passive component in a driver. The reputation for longevity, durability and reliability has only been achieved through a rigorous design process and 15 years of experience producing LED luminaires."

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Based in the heart of Cambridge UK, Pulsar develops and manufactures LED lighting and lighting solutions for professional architectural and entertainment applications around the world.

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