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## **What is the difference between traditional Average Rated Life and LED Reliability?**

Traditional light sources are assigned an Average Rated Life expressed in operating or burning hours. The definition of Average Rated Life is explained in this example. If you install 100 light bulbs with average rated life of 10,000 hours and operate them 24/7 they will reach the average rated life in 1.14 years by which time 50% of the light bulbs will have failed. Also as they age the light output drops dramatically.

LED Reliability is defined as the point in time when the LED produces 70% of the original light output which is conservatively estimated to be 50,000 hours with zero failures.