



CHANGING THE FACE OF UNDERGROUND MINING

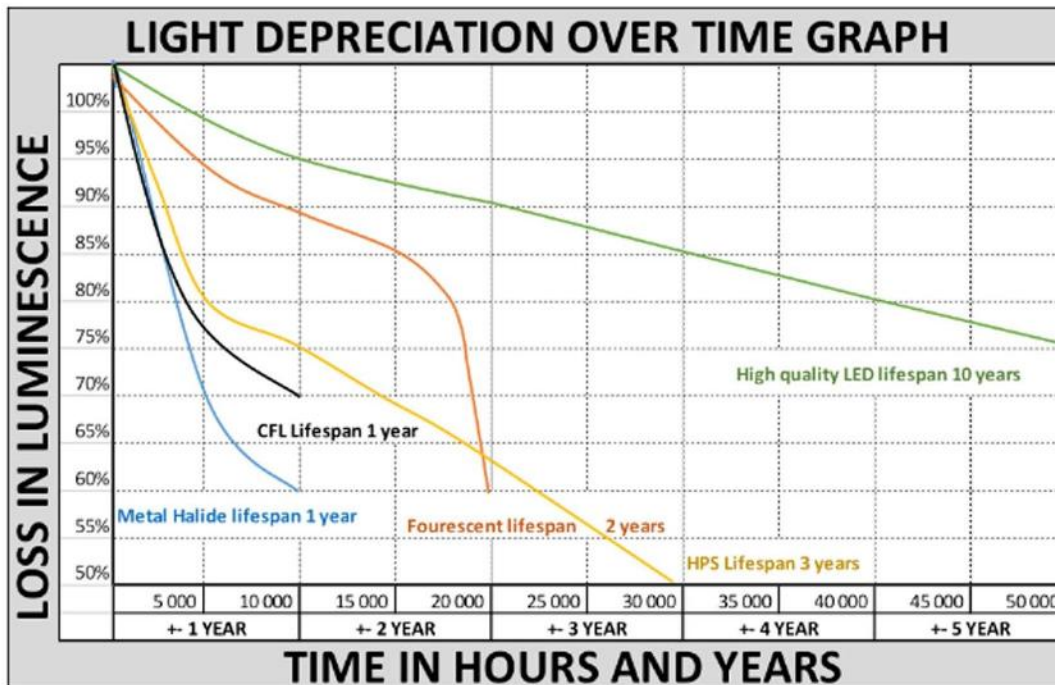
WHY HALO?

Light Maintenance Comparison

99% of all lighting systems available including conventional as well as LED lighting systems are not designed to function being continuously on. When exposed to this condition which is the norm in underground mining, this reduces the overall efficiency and life span of the lighting dramatically.

Most conventional lighting systems lose up to 50% luminescence within the first 4 to 6 months and rarely last beyond the 12 month mark; this means the efficient lighting timeframe for most conventional lighting in underground mines is probably 2 to 3 months.

The components used in HALO lighting is highly specialised and able to withstand being continuously on in challenging environments. They still function at optimal efficiency for long periods of time, even a decade. The light output lost is considered to be marginal at +5% per annum for the first four years thereafter stabilising at +1 to 2% per annum.



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