

# Xeramix™

LED technology has rapidly advanced over the last decade with criteria of quality & quantity of light, efficacy, life and cost. The XERAMIX™ philosophy is targeting performance well within nominal specification to create luminaires in a class of their own.



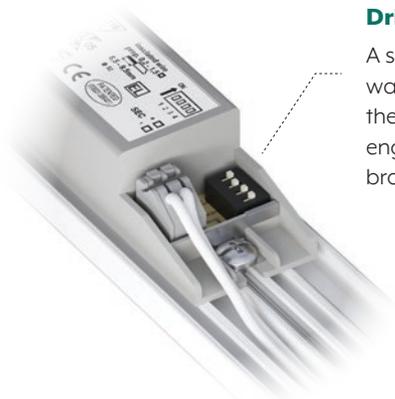
## Multi configuration arrays

Xeramix light engines are available in 25mm, 100mm, 280mm and 560mm lengths. These lengths derive from Xero's linear fixture algorithm, resulting in the ability to manufacture any luminaire length in 1mm increments.



## Industry First

Xero XTA and XTI profiles are all backed by an industry leading 10 year warranty

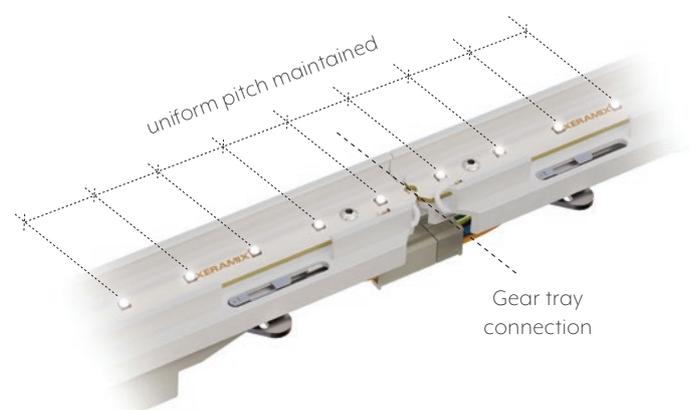


## Drive current dipswitch

A simple switch configures the total luminaire wattage, lumen output and efficiency without the need to change components. Xeramix light engines have been engineered to support a broad range of drive currents.

## Constant pitch, uniform light

LED pitch is maintained across multiple gear trays, creating a uniform 'dot free' appearance on the diffuser for a highly desirable, continuous 'ribbon of light'.

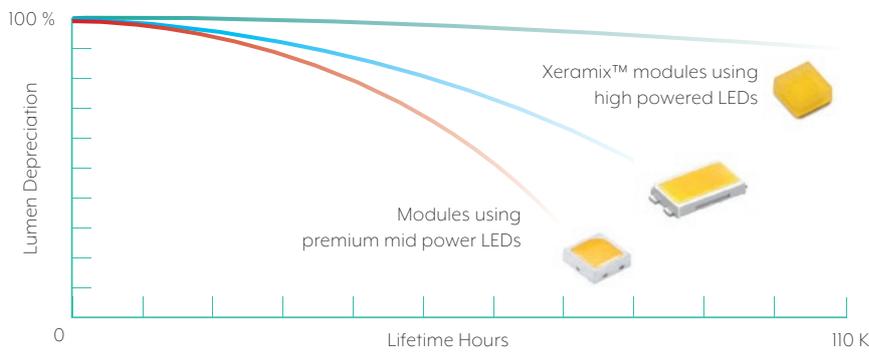




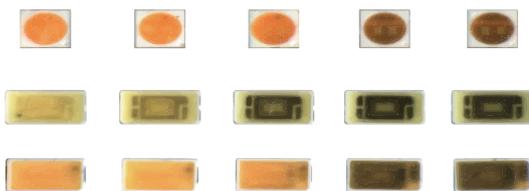
### Exceptional performance over time

Traditionally low to mid power LEDs are run near their maximum power which makes them susceptible to small variances of electrical and thermal tolerance, multiplied over time in real life.

The Xeramix™ principle is to first adopt LEDs from the world's leading manufacturers, then design a light engine based on the critical primary criteria of light quality stability and performance over time.



*Performance comparison based on LM80, TM21 testing and ISTM calculation. Please refer to Xeramix™ technical datasheets for more comprehensive performance data.*



*Premium EMC & plastic LED packages exposed to sulphur < 24 hours*

### EMC & plastic LED packages

Low to mid power LED packages offer good economy however reliability and lifetime can be significantly affected by energy, temperature and contaminates - such as sulphur. It is important to understand these effects are prominent in real life scenarios, exempt from manufacturers warranties.