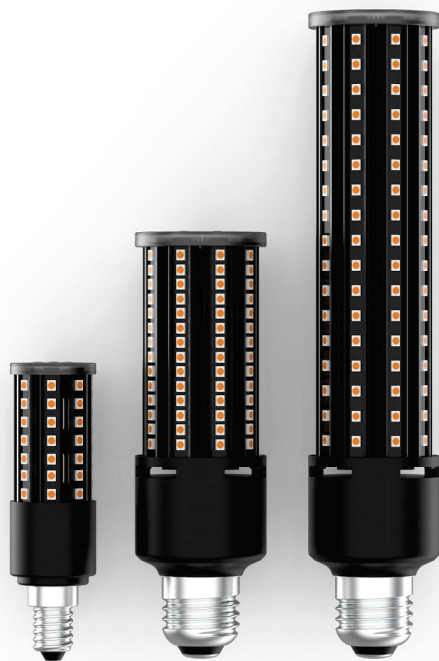

Light Engine - Sales Deck

Light Engine

tala.



A high-performance, functional light source

The Light Engine range was conceived to recreate the characteristics that halogen bulbs were revered for, namely their small size, high-output, excellent colour rendering and intrinsic warmer light when dimmed.

A large number of high-end lighting products have been designed with halogen in mind. The Light Engine range responds to customer demand, providing a high-powered LED solution that surpasses the performance of halogen sources with a lower flicker.

Light Engine Small Specification

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- Max output: 1000 lumens
- 8 columns, 58 LED chips
- 104 x 29.5mm, 70g
- Max power: 11 W
- Power factor 0.95+
- Efficiency: 90+ lm/W
- Percent flicker (IES) <2%
- CRI: 95Ra
- CCT: 2200K - 2700K
- Duv within +/- 0.004
- 40,000 hours lifetime

Light Engine Medium Specification

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- Max output: 2000 lumens
- 9 columns, 132 LED chips
- 146 x 44mm, 175g
- Max power: 22 W
- Power factor 0.95+
- Efficiency: 90+ lm/W
- Percent flicker (IES) <2%
- CRI: 95Ra
- CCT: 2200K - 2700K
- Duv within +/- 0.004
- 40,000 hours lifetime



Light Engine Large Specification

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- Max output: 3000 lumens
- 9 columns, 156 LED chips
- 220 x 44mm, 250g
- Max power: 32 W
- Power factor 0.95+
- Efficiency: 90+ lm/W
- Percent flicker (IES) <2%
- CRI: 95Ra
- CCT: 2200K - 2700K
- Duv within +/- 0.004
- 40,000 hours lifetime

- Celebrates Tala's new dim-to-warm LED technology (2200-2700K)
- A perfect halogen replacement, exhibiting:
 - High light output (1000-3000lm) and CRI (Ra95)
 - Impressive low percent flicker (<2%, better than halogen)
 - Smooth dimming
 - Compact form
- The range creates new opportunities within the lighting market (partnership, project, lighting showrooms and commercial type A installations)
- It supports a sustainable approach to retrofitting classic fixtures
- Originally designed to fit within luminaires produced by Flos - namely the Glo-ball and IC designs - an estimated 80% of the fixture market could be retrofitted with our Light Engine range