

franklite

decorative lighting solutions

Tuneable White



INNOVATIVE TECHNOLOGY FOR EVERY ENVIRONMENT



TUNEABLE WHITE

Tuneable white technology is the latest addition to our versatile portfolio. This product is an innovative and unique take on a traditional candle lamp – designed and manufactured at our factory in Milton Keynes and tested in our in-house laboratory. This technology offers a **smooth transition between amber and cool white** from 1700 to 3650 kelvin.

CONTROLLED VIA
WIRELESS APP OR
BUILDING MANAGEMENT SYSTEM

DIMMABLE
0.1%-100%

HELPS IMPROVE
MOOD, COMFORT
AND PRODUCTIVITY

Our clients now have the capability to easily control the transition of light colour temperature wirelessly through an app or hard-wired within a building management system. It is offered with either DALI or Casambi controls. Proven to be low energy, the only mainstream and future proof, low power, radio technology in the world.

The ever-growing Casambi ecosystem consists of thousands of easily integrable products and components, all of which are compatible with most smartphones and tablets. For details, please see https://casambi.com or contact us directly.

With a dimming range from 0.1% to 100% clients are able to create the perfect ambience with a simple touch of a button providing customers with the ultimate sensory experience.

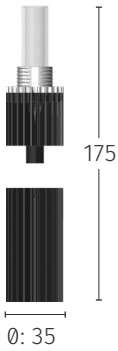
The L11 tuneable white light engine is designed to fit a wide range of decorative fittings including chandeliers, lanterns, pendants and wall brackets. This technology can be replicated into the manufacturing of our LED plates for our Woburn shade family, and custom designed projects.

Other benefits to using this extraordinary light engine include: a high quality of light across the whole CCT spectrum, increase in light output which exceeds retrofit LED lamps available on the market, longevity and reduced maintenance costs. This dedicated LED technology contributes significantly to energy efficiency with an 80% saving using only 11W.





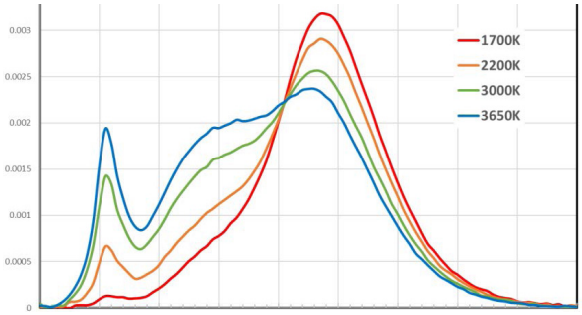
TECHNICAL SPECS



F	
Power consumed	13W
Power factor	>0.90
CCT range	1700K (amber) - 3650K (white)
Maximum light output	765lm (3650K)
	470lm (1700K)
CRI(Ra)	> 93
Maximum light intensity	179 cd (3650K)

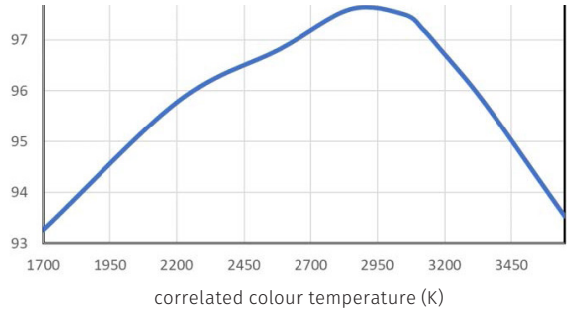
COLOUR SPECTRUM

Light output (a.u) vs CCT=1700, 2200, 3000 and 3650 (K).



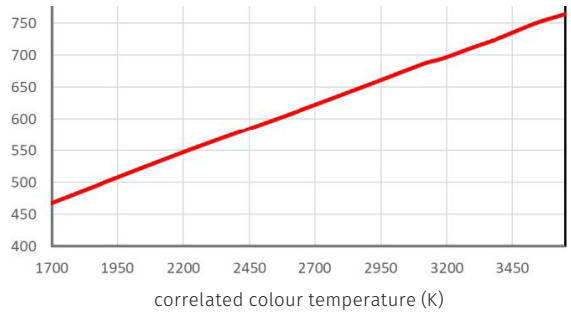
LIGHT OUTPUT

Light output (lm) vs CCT (K).



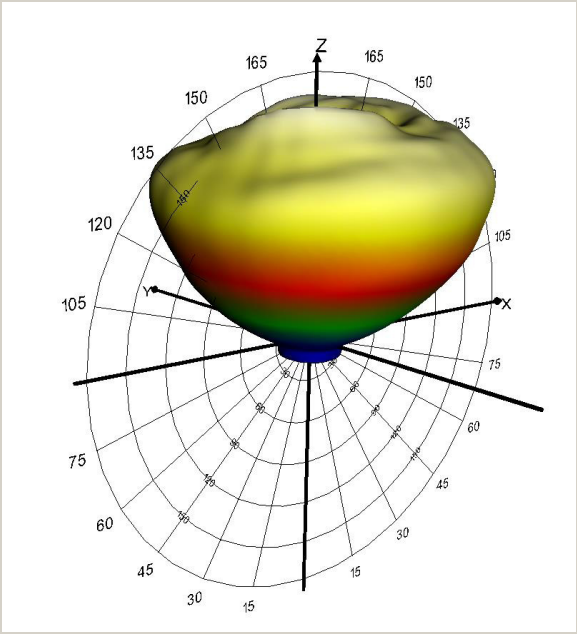
LIGHT OUTPUT

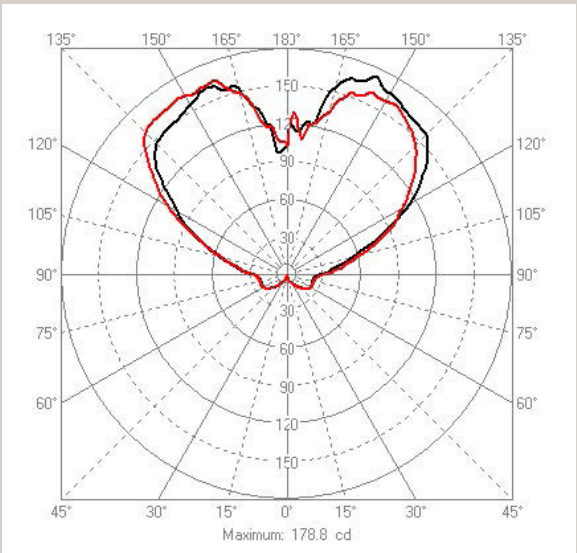
CRI (Ra) vs CCT (K).



LUMINOUS INTENSITY DISTRIBUTION

3D and 2D representations. Data for CCT=3650 K.





The data in this document is provided for indicative information only as dimensions and technical specifications may alter through changes in manufacturing or legal requirements. This does not form part of any contract between Franklite and its customer.
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