

ZUMA



Sound and Light. Reinvented.



## Zuma is an audio company that's also a smart home company

Our quest is to transform our relationship with sound and light at home. Bring better, more immersive and enjoyable listening experiences to everyone, everywhere throughout your house.

To do this we had to re-imagine how we listen to sound. Listening to a single point source or a pair of loudspeakers in a room has never really been that satisfying.

What we wanted to create was the experience of being in middle of a concert hall, or standing outside in a forest. We want the sound to envelop you.

To be bathed in sound and for it to be truly immersive you need multiple sound sources, as many as possible. However, our homes are already full of cables, crowded power sockets and convoluted devices and we didn't want to add to the clutter.

So our approach was to find a new, simple, cableless way to deliver hi-fidelity sound throughout the home. We needed a ubiquitous form factor that you find in every room. It turns out downlights are ideally located to deliver true immersive sound everywhere.

And this is how the Zuma wireless multi-room system was born.



## Zuma is a light

Using optimal high performance Light Emitting Diodes (LED) that are energy friendly yet give excellent natural colour experience was a goal for us.

In collaboration with leading lighting industry experts we painstakingly developed a human centric downlight solution that covers a wide range of natural lighting colours. With a colour rating index (CRI) 90 we are at the peak of colour rendering quality and natural lighting, and with our custom Circadian rhythm App feature the lighting instinctively matches the natural colour rhythm of the day, supporting your well being and your body's natural rhythm.



Simplicity Square Bezel



Simplicity Round Bezel





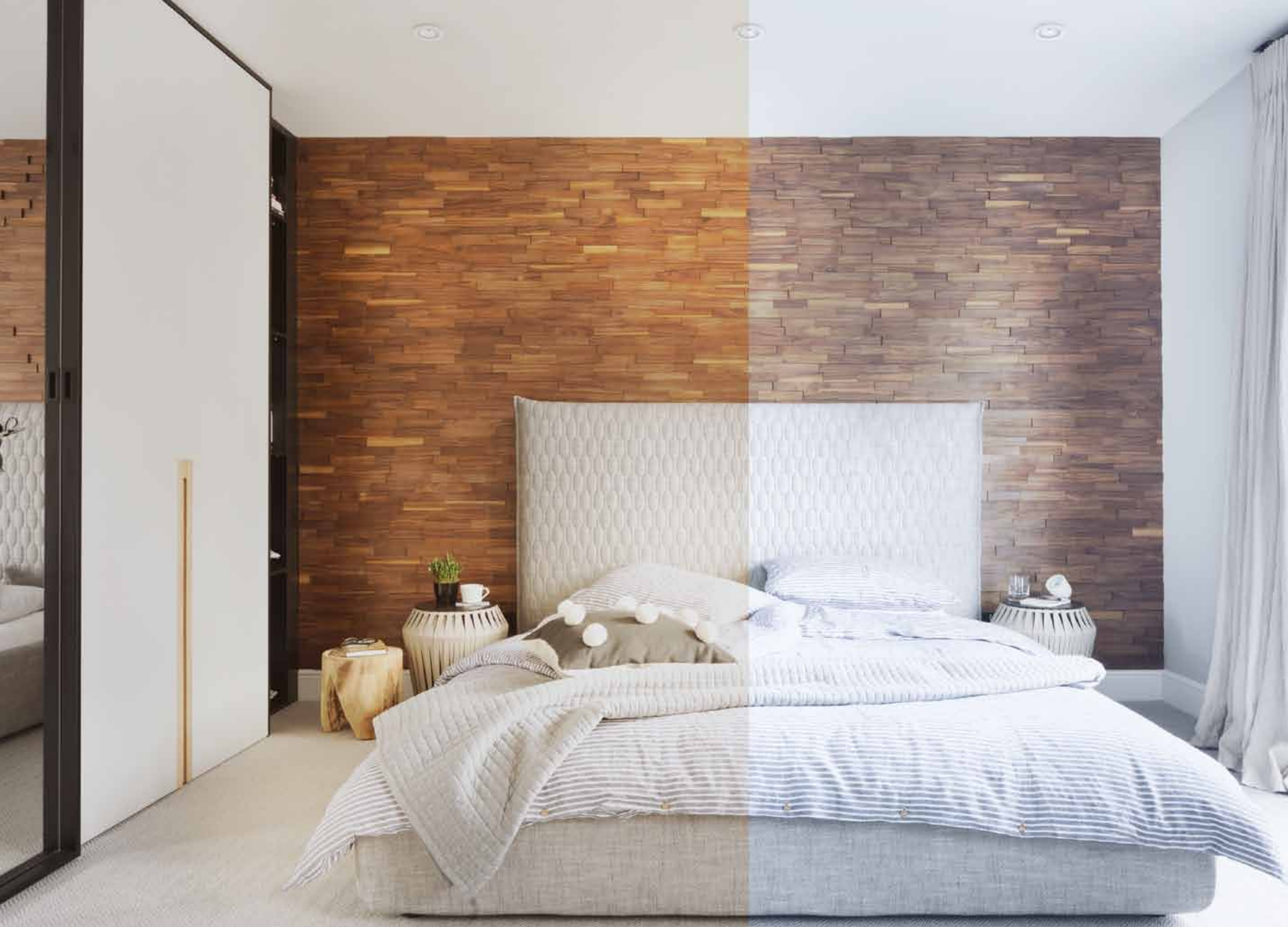


## When is a light not a light? When it is an entire lighting system

With over 100 increments of dimming the Zuma lighting system enables super smooth adjustments. Warm to cool light temperature ranges from 3000k to 4800k, and Zuma's Circadian mode automatically mirrors the intensity and colour temperature of natural light. Numerous international studies have shown that Circadian lighting can boost mood, energy levels, sleep patterns and general wellbeing. The Zuma App also has preset features that allow you to select lighting scenes or fine tune the light to suit your needs.



At a tap of a button our Zuma App allows you to set Circadian rhythm to run the right colour temperature dynamically throughout the day.



**Human Centric Lighting**

Studies have shown that in the morning, cool white light promotes the release of cortisol, providing an activating and concentration-enhancing effect. Warm white light in the evening stimulates the production of melatonin, which makes us relax and feel tired, in line with the body's biological processes.





## Zuma is a complete sound system

The way we live our lives today means we lay, sit or stand when we listen to music or watch TV. With Zuma there is no sweet spot, the sound is all-around you. Connect your phone and play your favourite music service. Connect your TV streamer for instant home cinema. Use Alexa or the Zuma app to set the perfect sound and light to suit your mood and the occasion.

No sound bar, subwoofer or unsightly cables, just an immersive soundscape. The sound is all around you.

Zuma's acoustic array has a constant high direct to reverb ratio, meaning the listener is near a constant distance approaching the near-field of the radiating speaker sources. This leads to an increase in the general comfort and intelligibility over the entire listening area compared to conventional paired speaker setups.



## The unique Zuma Lumisonic System

Under the bonnet is a next generation HD-audio Class D monolithic amplifier controlled by a best in class audio quad core processor with advanced DSP features. Each channel is actively filtered and managed by advanced DSP algorithms to maximise detail and performance so you can enjoy a truly immersive sound experience.

Our bespoke two-way speaker system incorporates a uniquely optimised long throw ( 20mm travel ) 3 inch super formed aluminium cone. Every aspect of the woofer design and enclosure has been tuned and refined to ensure that when paired with the unique electronics it delivers pace, rhythm and extraordinary detail.

At the centre of the Lumisonic design is our high performance horn loaded silk dome tweeter that has been developed with ultra wide dispersion for improved clarity and room coverage.

Wirelessly synchronised to support real room filling performance Zuma uses a custom wireless multi-room connectivity system that adapts to your environment automatically. This allows wire free immersive audio over an entire room with audio streaming best in class synchronisation (100uS).

Inside each Zuma is a class leading central ARM processor, quad core CPU dedicated to delivering 1.4GHz of experience, intelligently managed to ensure the experience is unblemished. Every part of the product is software updatable giving you confidence that future needs and trends can be met.



Precision machined aluminium extruded outer case works.

High performance monolithic Class D amplifier controlled by best in class central ARM processor, quad core CPU.

Patented super formed aluminium woofer drive unit with high performance radial neodymium magnet system.

Patented integrated high performance tweeter and LED array assembly.

Magnetically detachable acoustic bezel available in a range of geometry and design styles.



## Zuma sounds big – with a pedigree to match

Zuma has been developed over many years by a world-renowned team led by industrial designer Morten Warren. Featuring world class acoustic engineers, Trevor Wilson (previously with Naim audio), Laurence Dickie – the creator of the iconic Nautilus loudspeaker (one of the finest examples of high-end audio engineering in history, according to What HiFi) and smart home industry leading CTO Alex Kiernan.

The team have worked tirelessly with specialist engineering partners in the UK, Germany, Taiwan and North America to deliver an immersive experience that will forever change the way we perceive sound.



Laurence Dickie Acoustic Engineering,  
Morten Warren Industrial Design,  
Trevor Wilson Product Development  
and Alex Kiernan Chief Technology  
Officer.

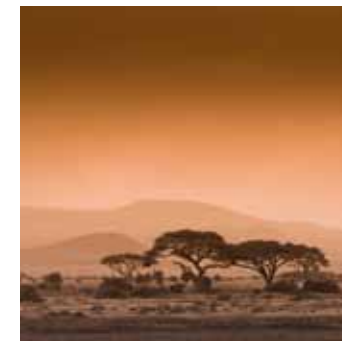






## Wellbeing by Zuma

Research has shown just how influential the optimal combination of natural light and sound is to our mental and physical health, whatever the age. Simply select one of our presets for a curated blend of light and sound experiences to enhance your daily rituals and tasks.



Immerse yourself with relaxing music in your bath, or take a shower under a tropical waterfall. Whether its to relax or unwind, or to excite and energize. With Zuma you can uniquely use a combination of sound and light to transform your home into a space that can ignite emotions and speak to your senses.



Zuma's App allows you to connect multiple zones in your home, quick easy access to internet radio and swift control over your lights, tone and colour balance. We also provide quick and convenient access to preset lighting scenes. Well-being features a range of atmospheres to suite your mood.

## Zuma is well connected

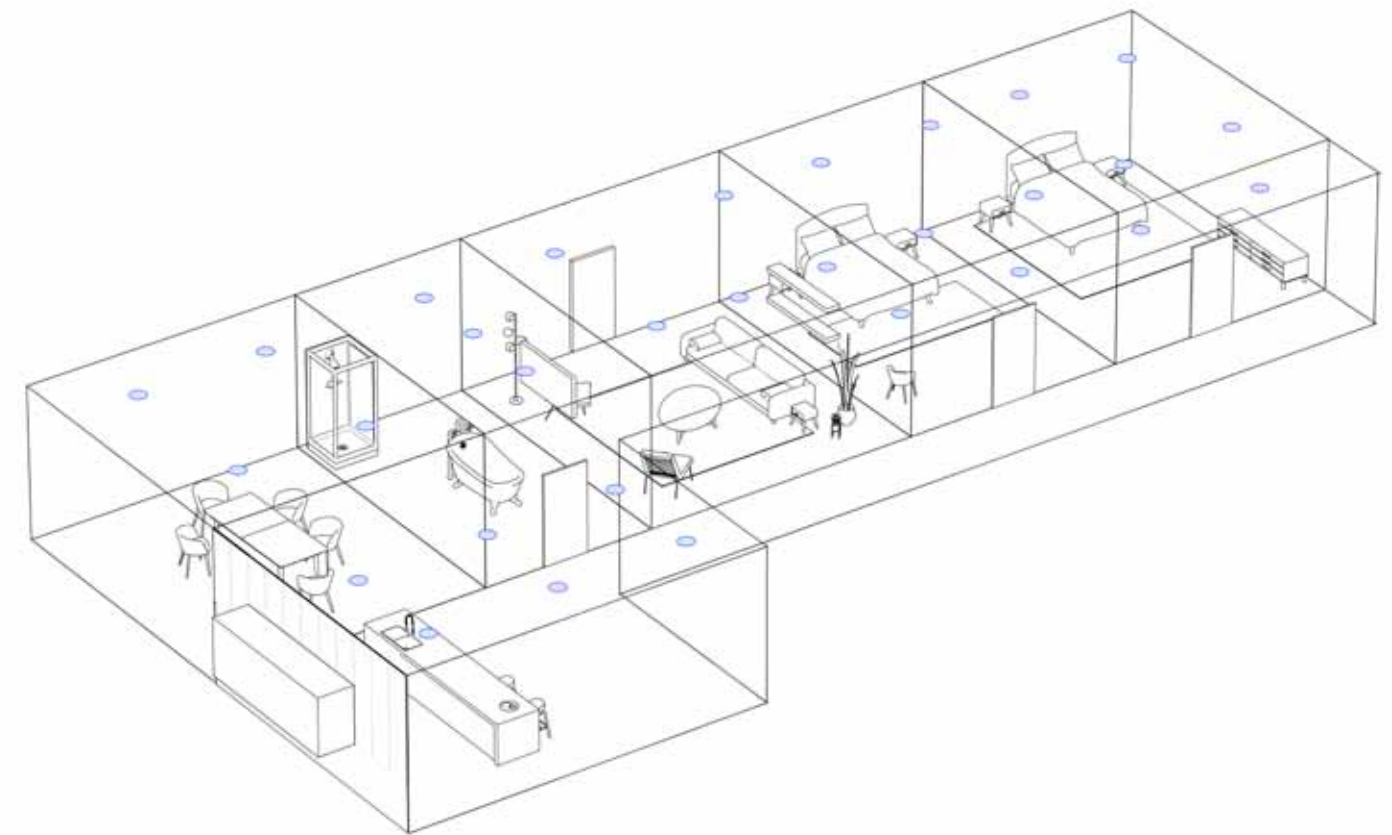
Partnered for your convenience. Delivering great sounding products requires that we support the way you want to listen. Zuma supports and is certified to work with the majority of the solutions you need for listening. From Bluetooth to internet radio. From Airplay to Spotify and Alexa – pick your music streaming service and play, Zuma takes care of the rest. Linked to an Alexa Echo Dot (for example) creates a voice controlled light and sound solution that means you need only ask the room for your music and lights, we do the rest.





## Zuma is smarter living

Discerning customers demand more. "Give me a solution that works and fits beautifully into my home without all the convoluted clutter." Striving for simplicity and ease of use, seeking calmer experiences with technology, Zuma's focus is on elegant and intuitive product interaction and services.



Zuma is wireless, and our App supports multiple zones or rooms within your home.



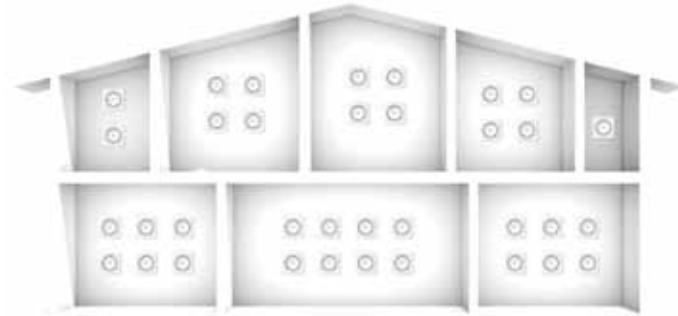
## Zuma is planning for the future

Zuma has been designed to be an expandable platform. Inside every Zuma Lumisonic is a class leading central processor providing the ability to add many new Smart Home features and functions through our patented Smart Bezel™ design.



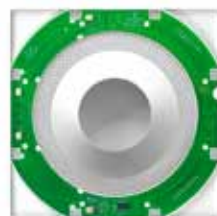
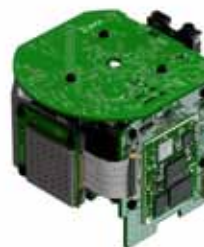
### Current situation is costly and complex

Over 200 items requiring fittings, sockets, cables, wiring and batteries. With many man days disruption, installation and commissioning.



### Zuma is quick and simple

With Zuma it is 100x easier  
Minimal disruption  
Simple and easy to install an entire home



Our team understand how trends and demands evolve so we developed Smart Bezel™ enabling additional features such as temperature and motion sensors, microphones, cameras, security and smoke detectors.





## Zuma fits seamlessly into your life

Say goodbye to lighting that is only on, off or occasionally dimmed. Zuma's combined lighting and sound let you energise yourself, set the right lighting intensity and turn up the volume to transform your home gym into a spin studio.



**Simplicity Square**  
Set a few millimetres proud of your ceiling



**Simplicity Square & trimless**  
Inset completely flush with your ceiling  
\*Additional frameless kits needed



**Simplicity Round**  
Set a few millimetres proud of your ceiling



**Simplicity Round & trimless**  
Inset completely flush with your ceiling  
\*Additional frameless kits needed



## Zuma is harmony

Zuma sound and light is the smart home in one easy to install package. You can retrofit Zuma and even use your existing electric cables and light switches. Zuma will reinvigorate your environment when used in a refurbishment or if you are building a new home.

Deceptively simple to install, 9.5 cm diameter downlight – with its trimless design – it discreetly blends into any interior and visually harmonises with any downlight fixture.



Zuma Setup



**Easy installation and removal with Zuma's patented Blade System™.** Reduce the cost and time spent on fit out and commissioning. The Zuma Blade System™ minimises rework and risk of plaster damage and removes the need for complex integration and convoluted control systems.







## How to buy

Zuma sound and light is only available directly from the Zuma website and authorised dealers. This is our way of ensuring that we are always there for you with our in-depth experience and friendly advice. For help and to get the most from your Zumas, please visit [www.zuma.ai/help](http://www.zuma.ai/help) or email us at [help@zuma.ai](mailto:help@zuma.ai)

**[www.zuma.ai](http://www.zuma.ai)**

# Specifications

## Sound

- Built-in class D Monolithic power amplifier in each Lumisonic:
- Watts: 75W
- Quad core 1.5GHz ARM Cortex-53 CPU
- Digital signal processor
- 80mm high excursion super formed aluminium woofer unit
- 20mm Horn loaded silk dome tweeter module.
- Frequency range: 40Hz-25kHz (-6db points)
- Audio streaming best in class synchronisation (100uS)
- Lossless audio format support up to 24 bit/192kHz
- Dynamic bass management

## Features

- Control: Zuma mobile app, and by voice with Alexa
- Multi-room audio: Yes with Alexa and AirPlay 2
- Connectivity: Wi-Fi, Bluetooth, Alexa, AirPlay 2, Spotify Connect
- Software updates: Wirelessly via the Zuma app
- Dynamic left and right stereo and mono control
- Network Wi-Fi dual band (WLAN 802.11a/b/g/n/ac, 2.4 and 5 GHz) 10/100 Mbps
- 10/100 Mbps Micro Ethernet port (via adaptor available separately)
- IPv4 and IPv6 support

## Light

- Light: Colour tuneable and dimmable light with 100 shades
- Application: Ceiling recessed, available as proud, or flush mount
- Light source: LED Chips
- Beam angle: 52° Wide spread
- Watt: 6W
- Lumen: 536lm
- Voltage: 24V constant voltage
- Colour temperature range: 3000k – 4800k
- Efficacy: 89lm/W
- CRI: 90+
- SDCM: <3

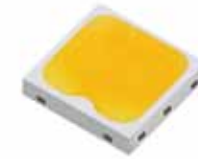
## Design

- Dimensions: Ø94mm x 120mm deep,
- Square Face bezel: 104.5mm x 104.5mm x 4mm deep
- Materials laser etched aluminium extrusion, aluminium die casting
- Stainless steel laser cut custom design grill
- Magnetically attached ABS injection moulded bezel
- Stainless steel quick release, damage free, ceiling blade fixtures

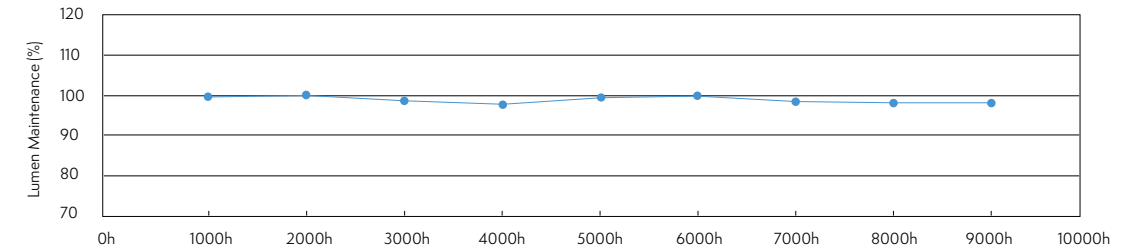
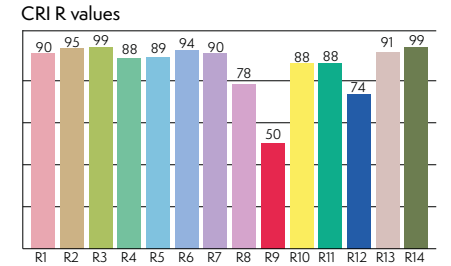
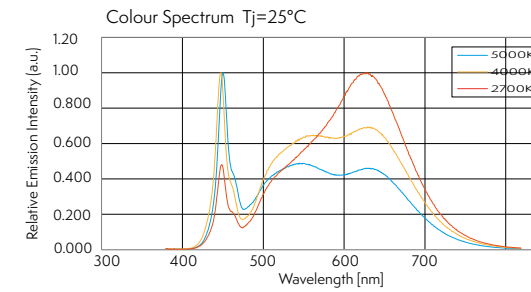
## Summary

- Warranty 3 Years
- Electrical and environmental performance
- Operational temperature 0C to 40C
- Operational humidity range: 10% to max 90%
- UV degradation: No degradation to UV for 3 years.
- Switch mode power supply 230V, 50/60Hz AC with DC 24V/3.1 constant voltage power supply
- Proprietary wireless link between devices for audio synchronisation.

### Mid Power Chip LED



L80 > 54,000hr  
 Ta: 25°C  
 Tc: 85°C  
 Lm Maintainance: 98%  
 Chromaticity Shi : 0.0012  
 (Source: LM80 test report)



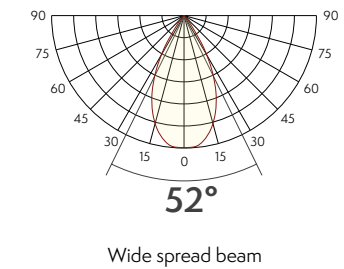
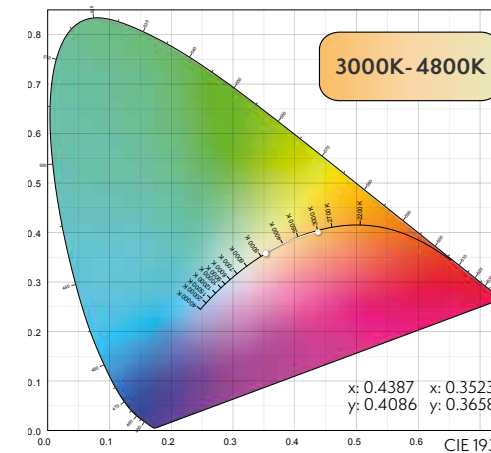
### Product versions and dimensions

Bezel Round Ø113mm  
 Bezel Square 104.5mm  
 Ceiling cutout Ø96mm  
 Minimum internal recess depth 125mm



### Product finishes and bezel types

Bezel types: Available with round and square bezels in original white or white/polished stainless steel mesh  
 Trimless bezel: Available with separate mounting kit.  
 Round and square bezels in original white or white/polished stainless steel mesh



All photos by Paul Craig.  
 Interior credits: Cochrane, DK Interiors STRI, West One, Sophie Peckett, RJH Architecture, JSRE Partners, Rob Soar, DK Interiors.

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