Zuma Array Technical Data Sheet

Product Overview:

Zuma works as a multi-room wireless system. Its sound & light in the form of downlights installed into your ceilings, discreetly blending into your interiors.

Zuma Lumisonic is a ceiling light and speaker, and Zuma Luminaire is a high-performance smart LED downlight, with over 100 increments of dimming.

Connect Zuma to your Wi-Fi network, Airplay2, Spotify, Roon, Tidal or Bluetooth to control both lighting and sound from your phone via our app.

Zuma Lumisonic

Zuma Luminaire

Specifications

Sound

- Built-in class D Monolithic power amplifier in each Lumisonic 75Watts
- Quad core 1.3GHz 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 (<80uS)
- Lossless audio format support up to 24 bit/192kHz
- Dynamic bass management

Light

- Light: Colour tuneable and dimmable light with 100 shades
- Circadian Rhythm support built in
- 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   5000k
- Efficacy: 89lm/W
- CRI: 90+
- SDCM: <3
- Drivers available for:
  - Crestron
  - Control 4

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

Features

- Control: Zuma mobile app (iOS/Android), voice via Alexa
- Alexa built in and via Echo supported
- Wellness feature for convenient restful moods
- User selectable/detachable Bezels
- Multi-room audio: Yes with Alexa, AirPlay 2, Roon
- Connectivity: Wi-Fi, Bluetooth, Alexa (MRM), AirPlay 2, Spotify Connect, Tidal Connect, Roon
- 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 Ethernet port (via adaptor available separately)
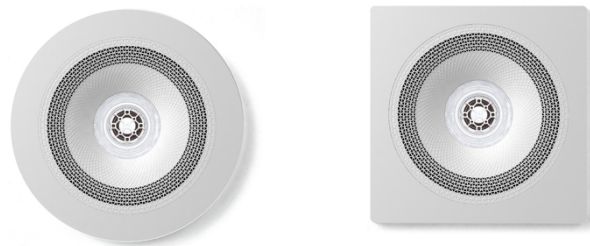- IPv4 and IPv6 support

Summary

- Warranty 2 Years
- 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.
- IP 65 Rated

Bezels

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

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

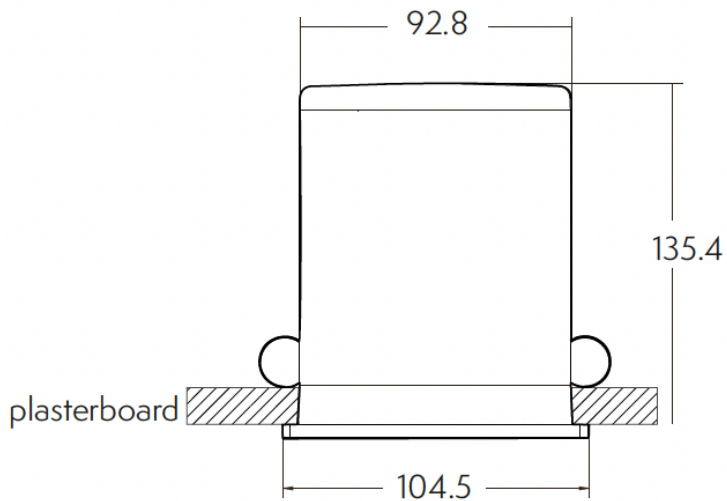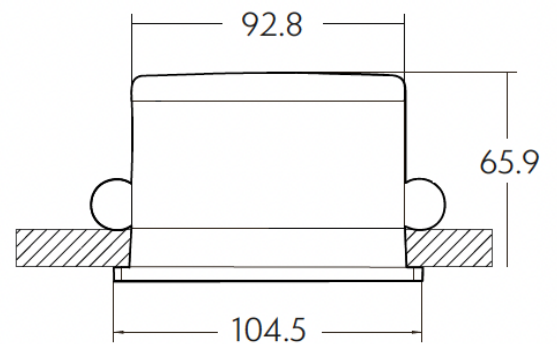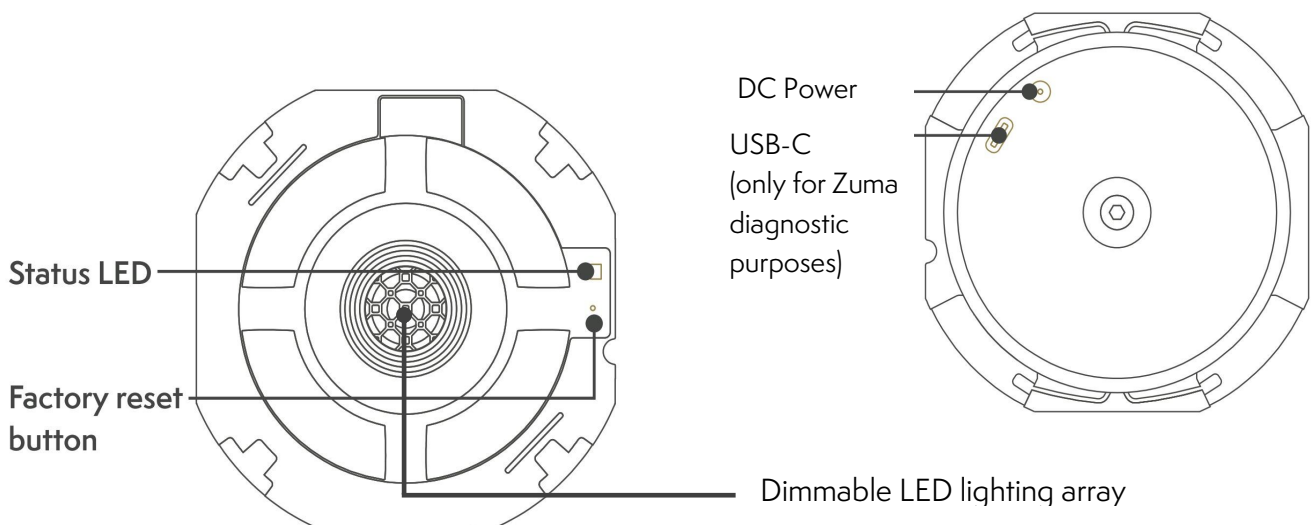Simplicity Square   Simplicity Square   Simplicity Square Flush

Super Nova Round

Simplicity Round Flush

Drawings:

95mm / 3.75in Hole Cutout

92.8

135.4

plasterboard

104.5

Lumisonic

Side view

92.8

65.9

104.5

Luminaire

Side view

Status LED

Factory reset
button

DC Power

USB-C
(only for Zuma
diagnostic
purposes)

Dimmable LED lighting array

Front view
Lumisonic/ Luminaire

Rear view
Lumisonic/ Luminaire