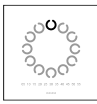


# OVOSONO

Circle350

## Technical Specifications

Datasheet



## Dimensions & Weight

Property	Value
Dimensions (W x H)	350 x 350 mm
Depth (acrylic version)	32.5 mm
Depth (aluminium version)	28.5 mm
Weight (aluminium version)	approx. 2.0 kg
Weight (acrylic version)	approx. 2.5 kg

## Materials

Component	Material
Frame	Anodised aluminium
Front panel (Circle350-A)	Printed acrylic glass
Front panel (Circle350-M)	Anodised aluminium
Back panel	Alu-Dibond, printed

## Electronics

Property	Specification
LED count	27 (12 hour + 11 five-minute + 4 single-minute)
LED type	WS2812B (NeoPixel)
LED colour	White (RGB capable)
Microcontroller	ATMEGA328AU (12 MHz)
Real-time clock (RTC)	RV-3028-C7 (I2C)
Light sensor / ADC	ADS1015, 4x analogue sensors



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Controls	4x push buttons (T1–T4)
Connectivity	None (fully offline)

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## Power Supply

Property	Value
Connection	USB-C
Input voltage	5V DC (SELV)
Power consumption	< 10 W
Recommended adapter	5V / min. 2A (not included)
USB-C cable	Min. 2m, angled (not included)

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## Environmental Conditions

Property	Range
Operating temperature	0°C to 40°C
Storage temperature	-10°C to 50°C
Humidity	20–80 % (non-condensing)
Protection class	IP20 (indoor use only)

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## Conformity & Certifications

Directive / Standard	Status
CE (2014/30/EU – EMC)	Compliant
CE (2014/35/EU – Low Voltage)	Compliant
RoHS (2011/65/EU + 2015/863)	Compliant

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WEEE (2012/19/EU)	Registered
EN 55032:2015 + A11:2020	Applied
EN 55035:2017 + A11:2020	Applied
EN IEC 62368-1:2020 + A11:2020	Applied
EN IEC 63000:2018	Applied
Packaging Register (LUCID)	DE3890738117182

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## Variants

Model	Description
Circle350-A	Acrylic version – front panel of printed acrylic glass
Circle350-M	Metal version – front panel of anodised aluminium

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Made in Germany. Specifications and design subject to change without notice. As of: March 2026. Elektronikhandel Michael Gräf, [ovosono.com](https://www.ovosono.com)