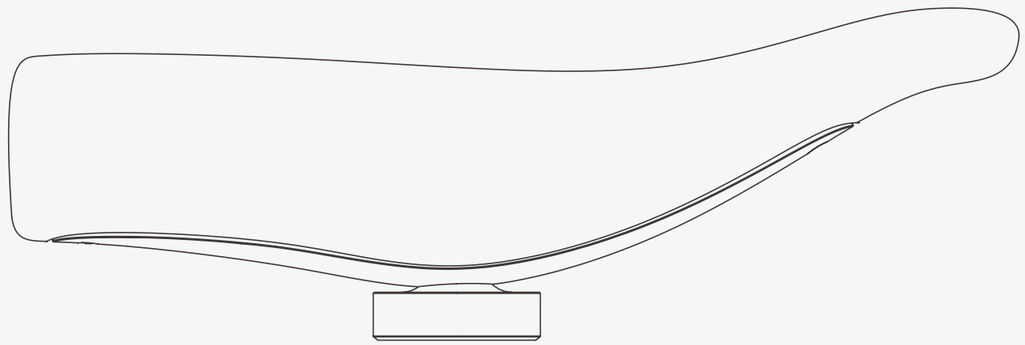
Ambientec Specification Sheet

Cachalot

**Greater freedom
in lighting.
More emotion
in illumination.**



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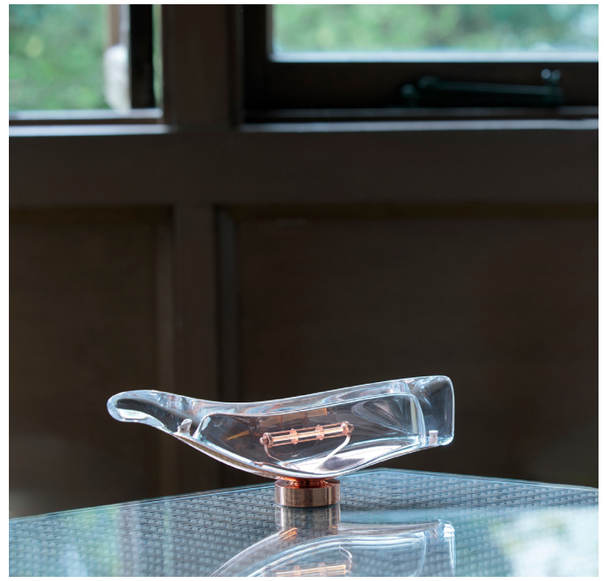
The site of a solitary sperm whale, gliding through the dark, silent expanse of a deep ocean, could fill the heart with a sense of calm and warmth. Whale embodies this serene majesty in sculptural form. Time itself seems to slow in its presence, echoing the tranquil rhythm of nature and endless flow of the sea.





This luminous object draws its inspiration from the elemental beauty of the natural world. At its core lies a bespoke cylindrical LED light source—an original creation—emitting a warm, life-affirming glow. Surrounding it is a light shade, delicately formed into the silhouette of a transparent sperm whale, crafted from high-purity acrylic using a meticulous molding process.







The frame, with its exceptionally fine detailing, showcases the precision of precious metalworking, while the base—a substantial zinc die-cast with a lustrous copper-plated finish—grounds the piece with weight and elegance. Whale is more than a lamp; it is a poetic homage to the quiet power and beauty of the natural world.

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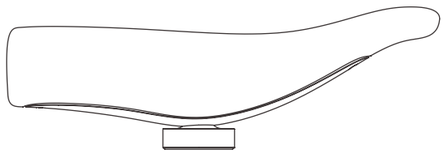

Designer

Yoshiki Matsuyama

Cachalot

Product Name	Cachalot / Dark Gray	Cachalot / Clear	
Product Code	CLT1CP-GRY	CLT1CP-CLR	
Main Materials			
Main body / Shade	Acrylic resin		
Main Body Base / Charger Stand	Zinc alloy, aluminum, silicone rubber, ABS		
Surface Treatment			
Main Body Base	Copper plating		
Charger Stand	Baked paintng (Black)		
Dimensions (mm)	Length: 285	Wide: 59	Height: 102**(Including charger)stand)**
Weight (g) (Main body)	450		
Light Source	LED		
Dimming Level	Battery power mode: LOW / HIGH	USB power mode: LOW / MID / HIGH	
Power consumption (w)	Less than 0.2		
Color Temperature (k)	2000		
Battery Run Time (h)	Battery power mode: 24 / 12	USB power mode: Until battery is exhausted	
Charging	USB charging : Approx. 3 hours		
Power Supply	Rechargeable lithium-ion battery, 3.7V/190mAh		
Waterproofing	IP43 equivalent* **(Charger stand is not waterproof. The LED is not dustproof and weatherproof.**)		
	IP43 indicates the degree of protection against solid objects over 1.0 mm in diameter and against sprays up to 60 degrees from vertical.		

* Thanks to widespread use of mobile devices, most people today already possess a USB-compatible AC adapter. So it is not provided with this product in order to reduce environmental impact. When using this product, have a DC5V/2A (or 2A or higher) USB-compatible AC adapter handy. Ambientec's optional AC adapter (Product Code: AMB-AC02) can also be used.



Yoshiki Matsuyama specializes in product design, drawing inspiration from society, daily life, and the beauty of nature. Beyond lifestyle goods, he has contributed to traditional crafts, university collaborations, and sustainability projects addressing social and environmental issues. His designs have been showcased at events such as Spazio Rosanna Orlandi and Salone Satellite at Milano Design Week.

Since 2021, he has been an in-house designer at Mitsubishi Electric Corporation's Integrated Design Center, focusing on public equipment, home appliances, and lifestyle solutions for developing countries.

Matsuyama has received numerous awards, including the Toyama Design Competition (Grand Prix), Lexus Design Award 2014, and GOOD DESIGN AWARD. He is also a part-time lecturer at the prestigious Hosei University.

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Ambientec Corporation 2F Parktower Yokohama Portside,
2-1 Kinko-cho, Kanagawa-ku,
Yokohama, Kanagawa, 221-0056 Japan

www.ambientec.co.jp/