Lightology

lightology.com
866-954-4489
11-08-26

Project:

Company:

Location: Fixture Type:

SPEC #: **ART615509**

Approved On: Approved By:

Spectral Light Suspension

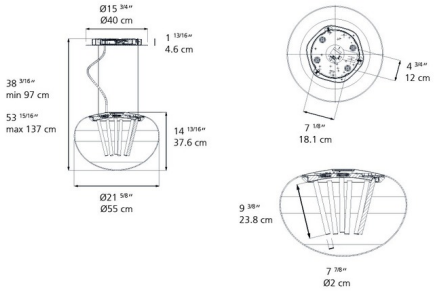
By Artemide

Description

The Spectral Light Suspension, a groundbreaking design by Philippe Rahm, redefines illumination by precisely tailoring light for both human and animal perception, even supporting plant growth. This remarkable fixture is composed of 12 distinct light wavelengths, each emitted by a different LED semiconductor, corresponding to the specific peak wavelengths perceived by humans, dogs, cats, and plants. For humans, it features 470nm (blue), 534nm (green), and 564nm (amber); for dogs, 470nm (blue) and 555nm (lime); for cats, 500nm (cyan) and 556nm (green); and for plants, 470nm (blue) and 662nm (deep red).The ingenious design extends to its optical system. The convex shape of the upper part of the globe precisely directs these 12 distinct wavelengths. These lights are then transmitted by transparent glass rays towards the low opaline surface of the glass globe. Here, the lights and colors converge, mixing and homogenizing to produce the full white light spectrum of the sun's natural light through a sophisticated process of color addition and synthesis.This is more than just a light fixture; it's a living environment enhancer, offering a truly unique and thoughtful approach to lighting design that considers the biological needs and perceptions of various species within a space. It's an ideal choice for innovative residential, commercial, or even horticultural applications where a biologically optimized light spectrum is desired.



Shown in clear



Specifications

COLOR	Clear
BODY FINISH	N/A
WATTAGE	59.4W
DIMMER	N/A
DIMENSIONS	53.9"L x 21.6"W x 14.8"H
INTEGRATED LED MODULE	1 x LED/59.4W/120V LED
COUNTRY OF ORIGIN	Italy

Technical Information

COLOR RENDERING	90 CRI
LAMP COLOR	3000K
LUMENS/WATT	56.57
LUMINOUS FLUX	3360 lumens

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Notes: