

Metrolight Smart Color&Music (OrySun)TM LED Lamp

Overview

Metrolight Smart Color and Music LED Fixture (OrySun) technology offers highly efficient, proven and programmable solution based on wireless METROLIGHT technology that drives and controls LEDs at a competitive price for any general lighting applications.

Any RGBW color can be generated and controlled with full brightness for many selectable scenarios via your Smartphone.

The Smart OrySun includes unique design so to provide white light for day usage, and revolution night light creating natural spectrum LED lighting that matches the spectrum of natural sunlight that human have enjoyed for thousands of years.

WiFi schedule controls different modes of light at any mood or time of the day via your Smartphone.

The Smart OrySun can provide several lighting modes as follows:

Lighting Modes

White color generated in 2 variations:

1. High brightness white light for day use.
2. Warm Natural light specially designed for night time.

The day white light includes blue light for keeping the body awake. The warm light on the other side is intended for rest or sleeping time and has no blue light.

What is blue light?

Not all colors of light have the same effect. Blue wavelengths—which are beneficial during daylight hours because they boost attention, reaction times, and mood—seem to be the most disruptive at night. And the proliferation of electronics with screens, as well as energy-efficient lighting, is increasing our exposure to blue wavelengths, especially after sundown.

Light and sleep

Some recent studies from Harvard and other major universities have suggested that blue LED chips, used in most commercial LEDs to create visible light, provide positive stimulation to the human eye that increases alertness and elevates mood when viewed during daytime hours. However, these blue LEDs create a blue light “spike” in the light output of an LED that may produce negative effects when viewed for prolonged periods during night-time hours by interfering with natural human biorhythms. Metrolight OrySun natural spectrum LED technology employs a purple LED in conjunction with phosphor compound to minimize the blue light “spike” that is characteristic of typical LED light sources, producing a light output that closely matches the spectrum of natural sunlight to deliver a healthier light experience.

Please refer to the below pictures describing the differences between the Natural SunLight and the regular LED's light.

Music Mode

This lamp contains several Music presentation modes:

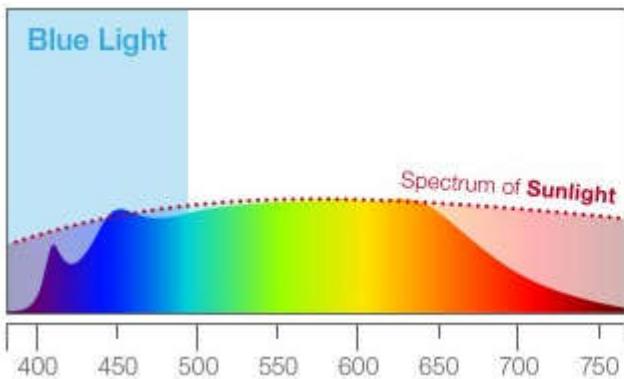
Sync your light to music from your smartphone for sound activated flashes, jumps, and fades in multicolor. Also comes with regular multicolor functions for when you don't need music.

Benefits



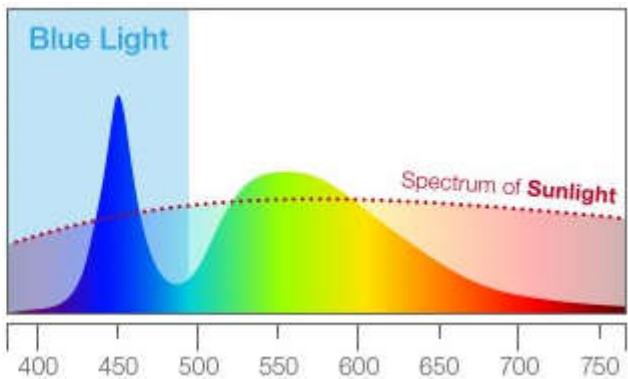
- ❖ **Attractive and Effective Lamp** - Background or centerpiece lighting to set the mood or provide bright & practical illumination. Light up a room with calming warm white light or gorgeous colors.
- ❖ Illuminate your room with a gentle tap on your Smartphone. Get your lighting right, whether reading or relaxing, with modes to choose from- soft glow, ambient warmth, and bright light. A simple and elegant design to complement your home or office.
- ❖ **Color Changeable & Brightness adjustment.** It has R/G/B/WW increase and decrease control. You can adjust the brightness, the colors the auto-light-patterns of the Smart OrySun just by using the application on your Smartphone.
- ❖ **Wide usage Applications:** LED flush-mount Ceiling fixture is perfect for an entryway, dining room, bedroom, hallways, closets, stairwells, basements, bathrooms, washrooms, offices, factories discotheques, bars etc.
- ❖ **Full R-G-B plus 2 Modes of White light** (Bright day light and special Night light) selected color light via your smartphone.
- ❖ **Dynamic high-power quality white light** up to total of 100W.
- ❖ Full dimming capability for any R-G-B-W-WN light.
- ❖ **Perfect Strobe effect lights will dance to the rhythm of the music.** Bright R-G-B-W Colors Strobe Light with Remote has AUTO/FLASH/MUSIC Mode: With solid colors or a mix (red, green, blue, white, red/green, red/blue, green/blue, or all the colors together).
- ❖ **Color Changeable & Brightness adjustment:** Full spectrum of colors. Also includes light patterns: Quick/ Slow/ Auto/ Flash/ Color jumpy change / Color fade change/ R-G-B-WHT increase and decrease control.
- ❖ **Timer function:** Setting a ON and OFF time in APP, the lights would turn on & off automatically while APP is running in background.
- ❖ **High Performance:** Durable white lens produces uniform diffused light. Easily provides 100,000 hours of maintenance-free operation, keep your eyes away from flicker, create a perfect living environment at your home.
- ❖ Low Cost comparing to any other alternative solution.
- ❖ RoHS
- ❖ 3 years warranty

Smart OrySun SunLight



Night light- No Blue "Spike", similar to Natural Sun Light

Regular LED Light



Day light with Blue component for enhancing day alertness

Technical Specifications

- Size: 4X12.7" / 10X50cm
- Weight: 2.2Kg / 4.85lbs
- Shape: Round
- Power: Total 200W for RGB + White Light and Surrounding Night Light
- LED Chips Quantity: 300 Pieces
- Color Temperature: Full range of colors, 5 channels R-G-B-W/SunLight 2000 k -6500 k
- Nominal Voltage Range: AC-100V-277V
- CRI: > 98Ra
- Power Factor: 97%
- Waterproof rating: IP44
- Luminous Flux: Up to 25000 Lumens
- Beam Angle: 180 °
- Working temperature: -20 ° ~ 45 ° C
- Energy efficiency class: A++
- Lifetime: 100,000 hours
- Certification: CE / ROHS / LVD / EMC

