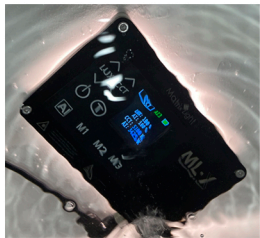
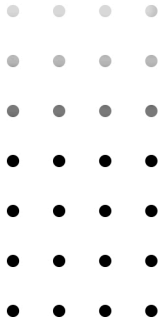


# ML-X

AI LED LIGHT



## AI ALGORITHM RESPONSIVE LIGHTING ML-X LED LIGHT

Matrix Light ML-X LED Light is an advanced autonomous lighting system equipped with cutting-edge AI algorithms. Now, the photographer no longer has to worry about lighting

csmatrixlight@gmail.com  
PHONE: +82-10-7232-2888

# ML-X





ML-X



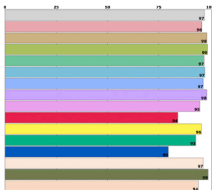
## AUTONOMOUSLY RESPONSIVE LIGHTING

The Ambient Light Sensor mounted on the ML-X LED Light is a multi-spectrum sensor with a hybrid filter that detects Red, Green, Blue light sources, and infrared. Using this sensor, the system measures the color space coordinates of the surrounding lighting environment, digitizes them, and automatically adjusts the brightness and color temperature of the ENG camera LED lights based on the external illuminance and color temperature. The ML-X LED Light allows the AI control range to be adjusted in three levels and displays real-time AI calibration values. It is designed with a 1.4-inch TFT LCD on the back to help users easily check the current color temperature and brightness. Additionally, by using the turbo mode, which supports up to 3,500lm (equivalent to the brightness of a 350W incandescent bulb), the ML-X LED Light ensures sufficient light output even in emergency situations with no external lighting.



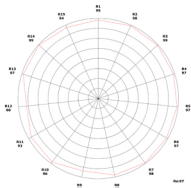
# ML-X

For more informations  
please visit  
[www.matrixlight.com](http://www.matrixlight.com)

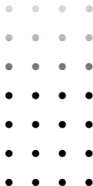


## HIGH CRI > 97 LED LIGHT

The ML-X LED Light features high-quality LED elements with a CRI > 97, providing color reproduction capabilities that are close to natural light. These LEDs maximize color accuracy, emitting bright light that is true to the original colors even in various environments. As a result, it delivers lifelike color rendering without distortion, making it ideal for photography, video shooting, and professional work. In particular, it offers excellent compatibility with broadcast and commercial filming equipment, delivering **outstanding performance** in tasks where color accuracy is crucial. The ML-X LED Light is an innovative lighting system that achieves efficient energy consumption while maintaining exceptional color quality.

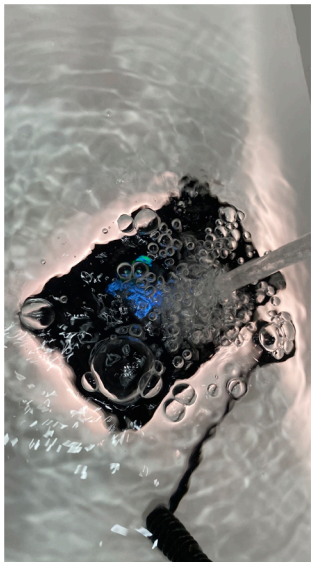


# ML-X



## IP67 RATED ALL-WEATHER WATERPROOF LIGHTING

The ML-X LED Light is an all-weather, waterproof lighting system with an IP67 rating, offering exceptional durability and reliability in any environment. This product is specifically designed to perform stably even in severe weather or extreme climate conditions. All parts are thoroughly waterproofed, providing complete protection from water and dust. The power connector is equipped **with a** waterproof connector to minimize damage from elements such as rain and moisture, further enhancing safety. Thanks to this waterproof design, the ML-X LED Light guarantees excellent performance in outdoor shoots, broadcasting locations, or any external work environment, helping maintain the stability of the lighting even in unexpected situations.



# Specifications

- Model: Constant Current Drive Power LED Light
- Auto Calibration: Self-calibration algorithm through a hybrid multi-spectrum filter Ambient Light Sensor
- Dimming Range: 0.6 ~ 6M (effective dimming range)  
(Depends on shutter speed, aperture setting, and gain value during shooting)
- Beam Angle: Horizontal: 120°, Vertical: 110°
- Color Temperature: 2800K~6500K (100K/1 step, digital variable)
- Color Rendering: CRI > 97 (High Color Rendering)
- Brightness Adjustment: 0% ~ 100% (1%/1 step, digital variable)
- Luminous Flux: Max 1,750lm (Normal mode), Max 3,500lm (Turbo mode)
- Illuminance: Max 750lux at 1M (Normal mode), Max 1,500lux at 1M (Turbo mode)
- Waterproof Rating: IP67
- Operating Voltage: 12V~16V DC
- Current Consumption: Normal mode: 1.5A/18W (Max)  
Turbo mode: 3A/36W (Max)
- Luminous Efficiency: 97lm/W
- Battery: 12V DC / 5200mA (Lithium-ion battery)
- Operating Time: Normal mode (1,100lm): 2 hours 30 minutes continuous  
Turbo mode (2,200lm): 1 hour 15 minutes continuous

ML-X

