

SUNRAY 60 Panel Light

RAP-0060-01-S



SUNRAY

AI PRECISION LIGHTING

Product Description

The SUNRAY 60 Panel redefines professional soft lighting by combining the portability of a compact fixture with the spectral precision and efficiency of modern full-spectrum LED technology. Designed to deliver a naturally soft, wrapping light without the need for additional diffusion, it offers superior optical performance, smooth dimming, and color accuracy that meets the rigorous demands of today's film, television, and location productions. With a continuously adjustable color temperature range from 3000 K to 6500 K, the SUNRAY 60 Panel maintains a CRI above 95 (R1-R15) and TLCI > 98 throughout its entire spectrum.

The advanced diffusion technology creates a homogenized beam that eliminates multi-shadows, providing lighting designers with both technical precision and the flattering light quality essential for illuminating skin tones and interviews.

Seamless upgrade for modern production

The SUNRAY 60 Panel is a versatile LED solution for both studio and on-the-go setups. It delivers the pristine visual character that professionals expect from high-end soft sources, while drastically reducing power consumption and setup time. The fixture's high-efficiency optical system and intelligent color calibration ensure consistent white balance across multiple units—making it an ideal solution for mixed lighting environments or multi-camera arrays.

The integrated 16-bit flicker-free dimming, DMX control, and intuitive manual operation provide unmatched flexibility for broadcast studios, portable interviews, or content creation. Whether for narrative film or live broadcast, the SUNRAY 60 Panel elevates lighting control and consistency to a new standard of precision.

Engineered for longevity and reliability

Built with premium-grade components and a slim, rugged aluminum chassis, the SUNRAY 60 Panel is designed for continuous, demanding use in professional environments. Its advanced thermal management system operates silently, ensuring optimal LED performance, extending lifespan, and maintaining color stability even under long-term operation. The modular electronic architecture allows for quick maintenance and future upgrades, ensuring long-term reliability and adaptability.

A whisper-quiet passive cooling design makes the SUNRAY 60 Panel ideal for sound-sensitive applications such as small recording studios and intimate interview settings. Proudly designed and assembled in Taiwan, it represents a fusion of engineering precision and creative craftsmanship.

SUNRAY 60 Panel

Technical features

Operational Data

| | |
|--------------------------|---------------------------------------|
| Module power consumption | 60 W |
| Supply voltage | 90 – 260 Vac, 50 – 60 Hz, autosensing |

Electrical

| | |
|-------------|--|
| Dimming | Electronic 8-bit /16-bit , 0 – 100% fully adjustable |
| Control | Local via potentiometer, Remote via DMX. Setting, addressing and testing via control panel, via RDM |
| Connections | RJ-45 |

Optical Data

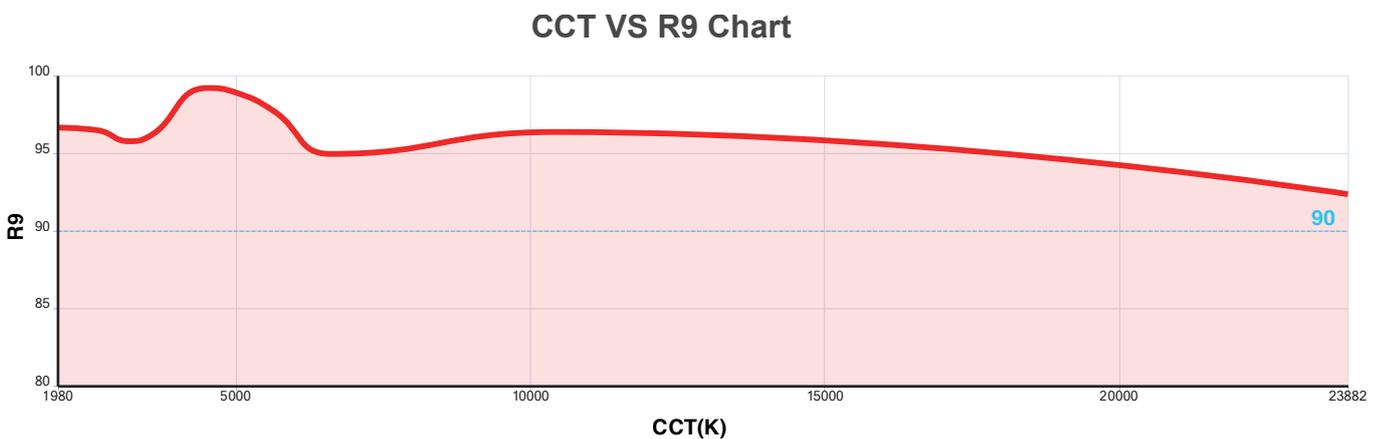
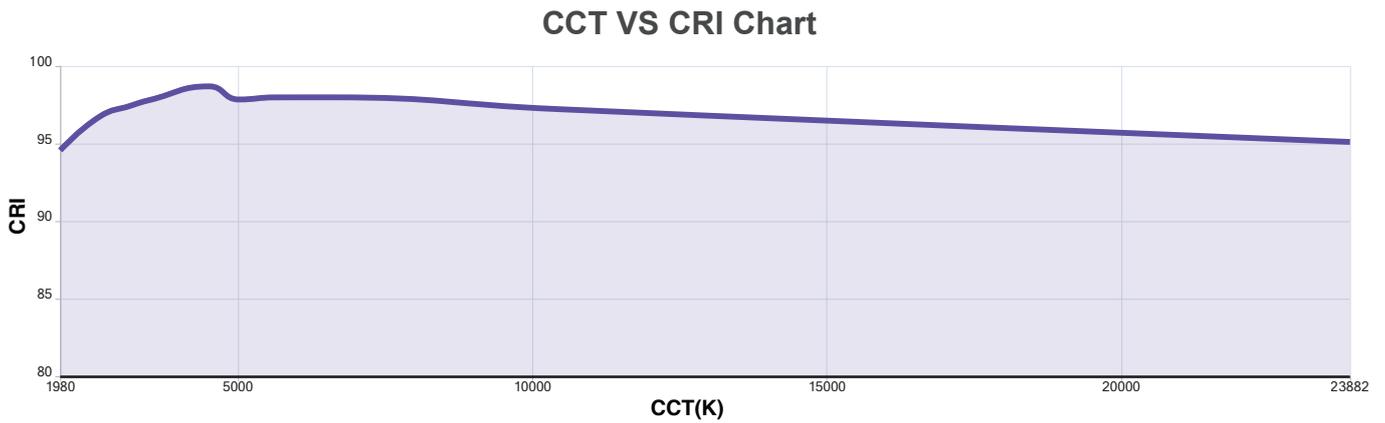
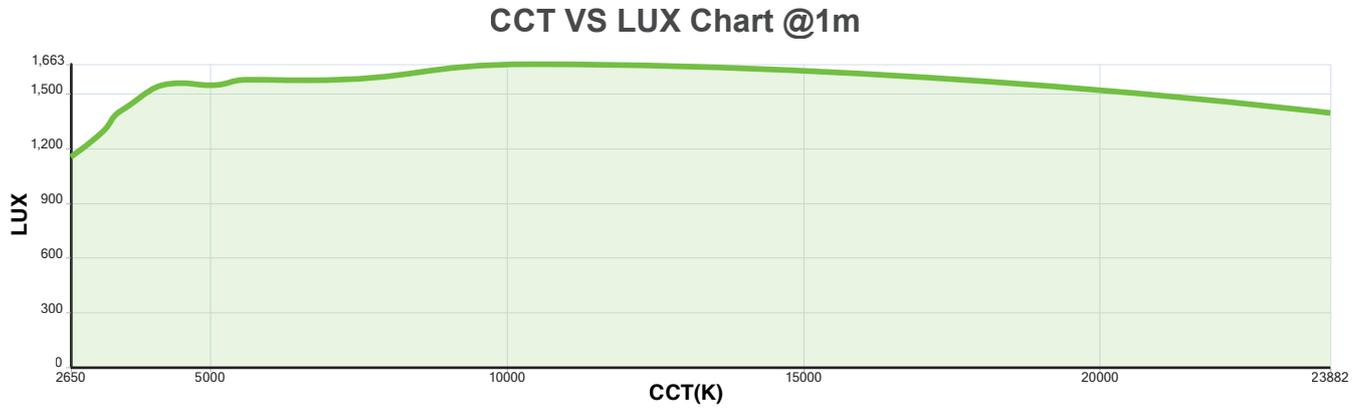
| | |
|------------------------------|-----------------------|
| Correlated Color Temperature | 2000K-10000K |
| Duv | ± 0.0015 @3000K-8000K |
| CRI | > 95 @3000K-8000K |
| R9 | > 90 @3000K-8000K |
| TLCI | > 98 @3000K-8000K |

Mechanical Spec

| | |
|------------------|--------------------|
| Housing Material | Aluminum Alloy |
| Outer Dimension | 330 x 200 x 220 mm |
| Weight | 1.2 Kg |

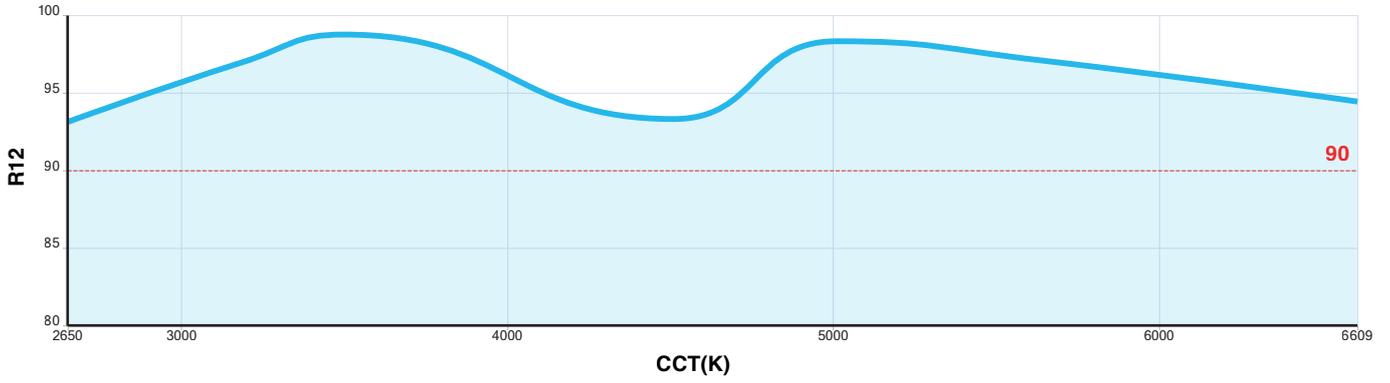
SUNRAY 60 Panel

Characteristic Curves

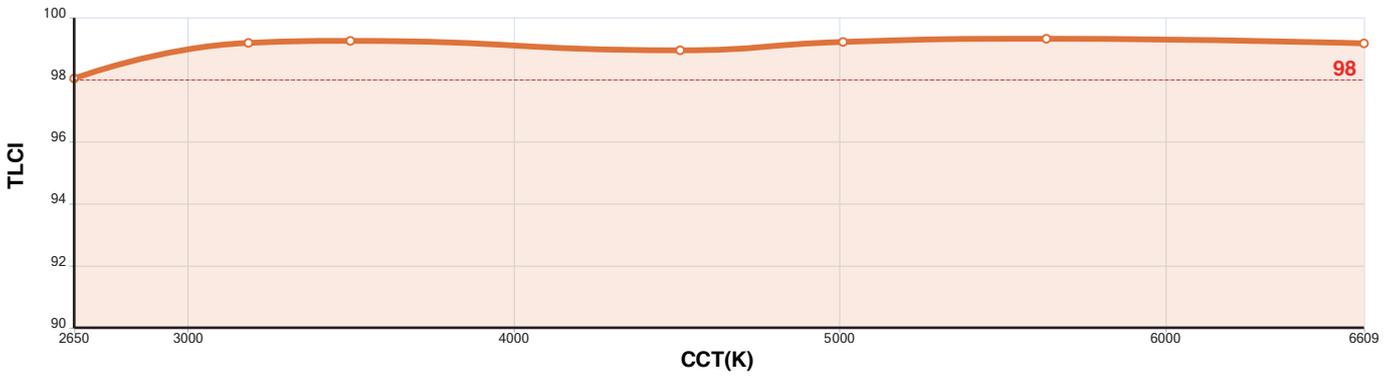


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CCT VS R12 Chart

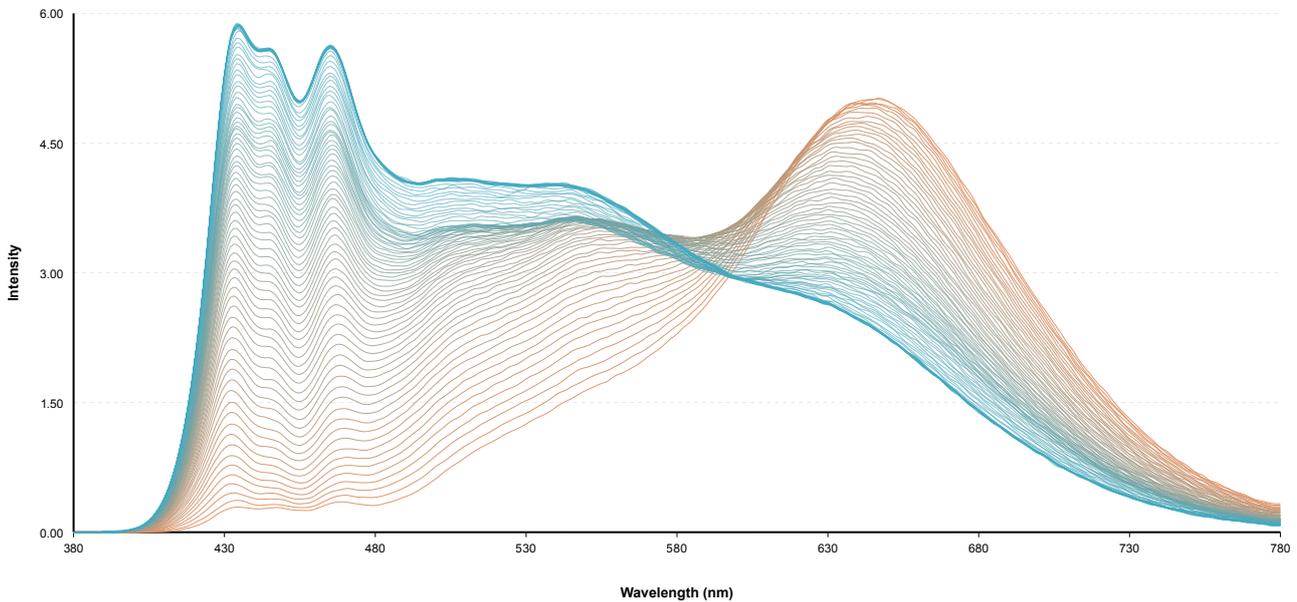


CCT VS TLCI Chart



Full Spectrum

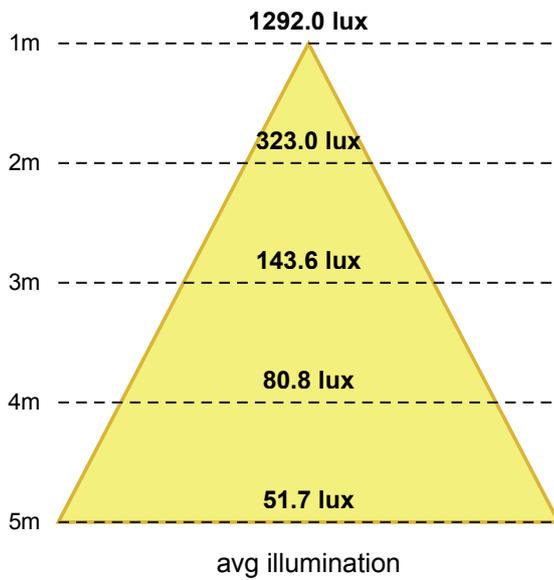
Spectrum Chart



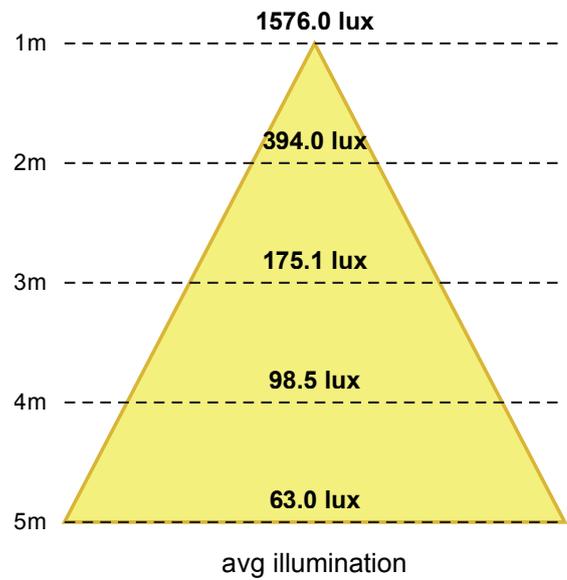
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Photometrics

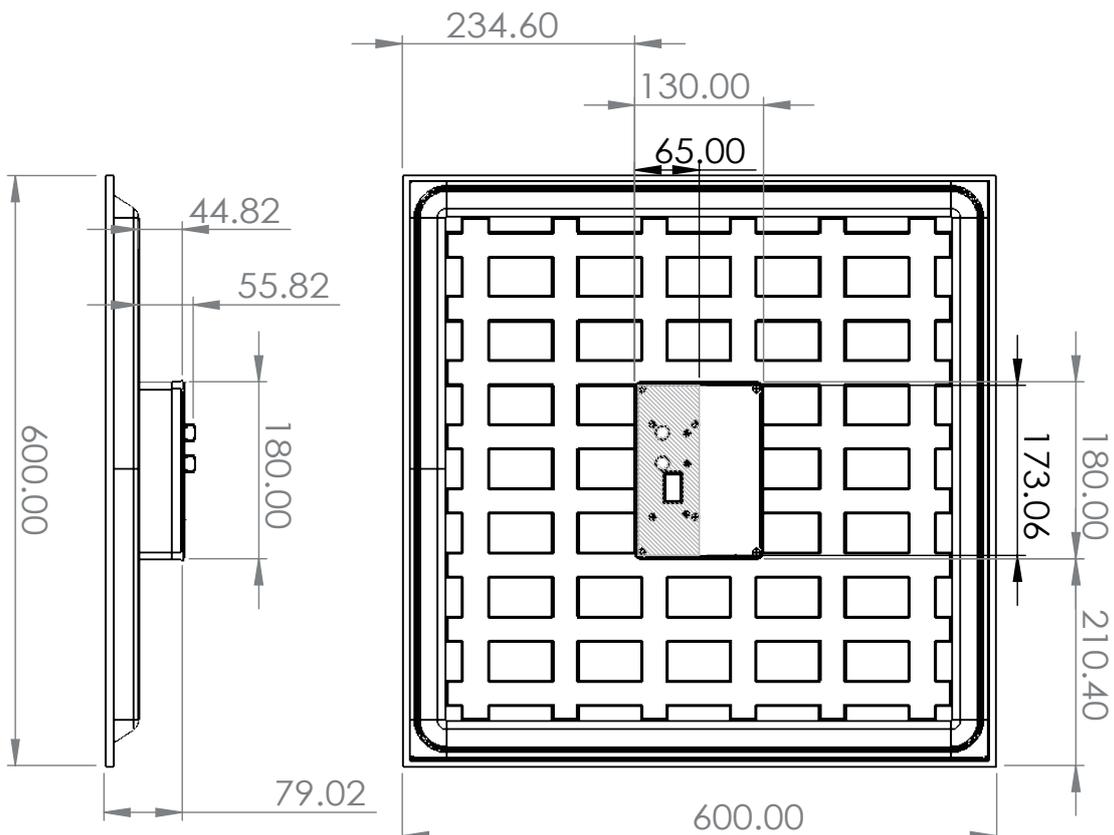
3200 Illuminance diagram



6500 Illuminance diagram



External dimensions



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DMX Channel Table (8 bit)

| M1 - M4 | | | | |
|--------------|-----------|--|-----|-----|
| Mode | Ch1 | Ch2 | Ch3 | Ch4 |
| CCT (M1) | Intensity | CCT | | |
| CCT+GM (M2) | Intensity | CCT | G/M | |
| Halogen (M3) | Watt | CCT | | |
| Source (M4) | Intensity | SourceA (0-20%) 3200K (21-40%) D50 (41-60%) 5600K (61-80%) D65 (81-100%) | | |

| M5 (Modes can be switched via the console) | | | | |
|--|-----------|----------------------|--|-----|
| Mode | Ch1 | Ch2 (Mode Switching) | Ch3 | Ch4 |
| CCT (M1) | Intensity | 0-25% (0-63) | CCT | |
| CCT+GM (M2) | Intensity | 26-50% (64-127) | CCT | G/M |
| Halogen (M3) | Watt | 51-75% (128-191) | CCT | |
| Source (M4) | Intensity | 76-100% (192-255) | SourceA (0-20%) 3200K (21-40%) D50 (41-60%) 5600K (61-80%) D65 (81-100%) | |

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DMX Channel Table (16 bit)

| M11 - M14 | | | | | | |
|---------------|-----------|-----------|--|-----|-----|-----|
| Mode | Ch1 | Ch2 | Ch3 | Ch4 | Ch5 | Ch6 |
| CCT (M11) | Intensity | Intensity | CCT | CCT | | |
| CCT+GM (M12) | Intensity | Intensity | CCT | CCT | G/M | G/M |
| Halogen (M13) | Watt | Watt | CCT | CCT | | |
| Source (M14) | Intensity | | SourceA (0-20%) 3200K (21-40%) D50 (41-60%) 5600K (61-80%) D65 (81-100%) | | | |

| M15 (Modes can be switched via the console) | | | | | | | |
|---|-----------|-----------|----------------------|--|-----|-----|-----|
| Mode | Ch1 | Ch2 | Ch3 (Mode Switching) | Ch4 | Ch5 | Ch6 | Ch7 |
| CCT (M11) | Intensity | Intensity | 0-25% (0-63) | CCT | CCT | | |
| CCT+GM (M12) | Intensity | Intensity | 26-50% (64-127) | CCT | CCT | G/M | G/M |
| Halogen (M13) | Watt | Watt | 51-75% (128-191) | CCT | CCT | | |
| Source (M14) | Intensity | Intensity | 76-100% (192-255) | SourceA (0-20%) 3200K (21-40%) D50 (41-60%) 5600K (61-80%) D65 (81-100%) | | | |