

SUNRAY Color 60 Panel Light

RAP-0060-SC-05



SUNRAY COLOR
AI PRECISION LIGHTING

2000K ~ 20000K

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 18000 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,
Connections	RJ-45

Optical Data

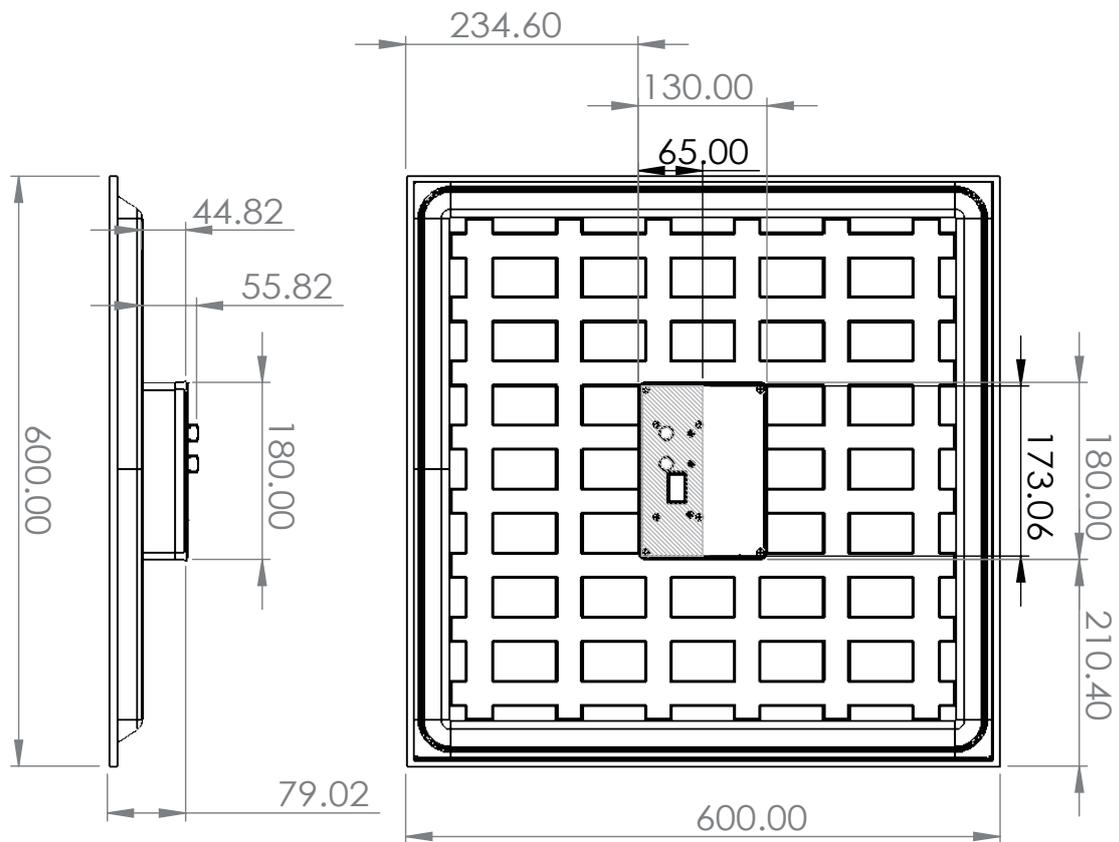
Correlated Color Temperature	2000K-20000K
Duv	± 0.0015 @3000K-18000K
CRI	> 95 @3000K-18000K
R9	> 90 @3000K-18000K
TLCI	> 98 @3000K-18000K

Mechanical Spec

Housing Material	Aluminum Alloy
Outer Dimension	600 x 600 x 80 mm
Weight	1.2 Kg

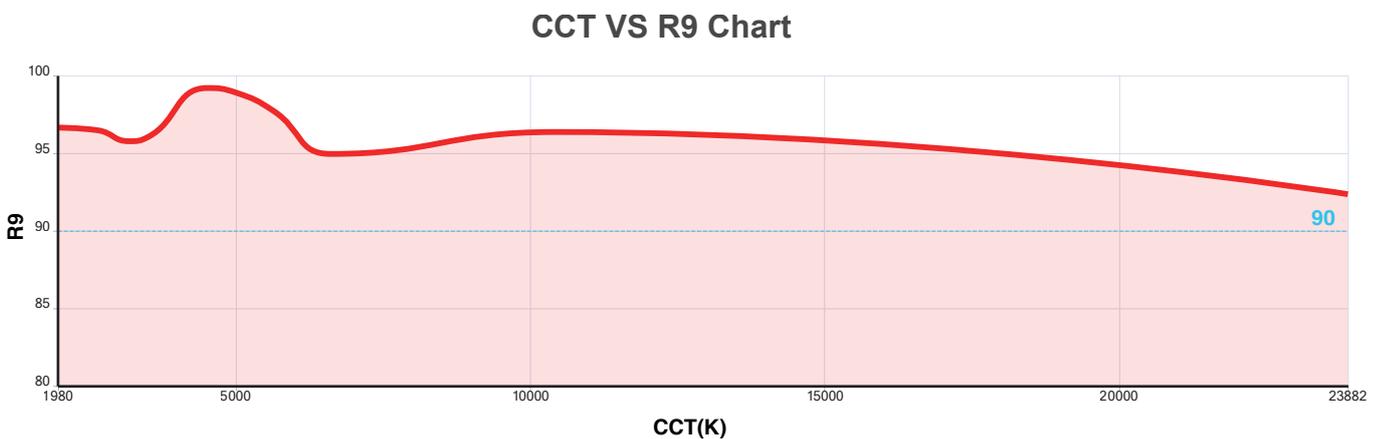
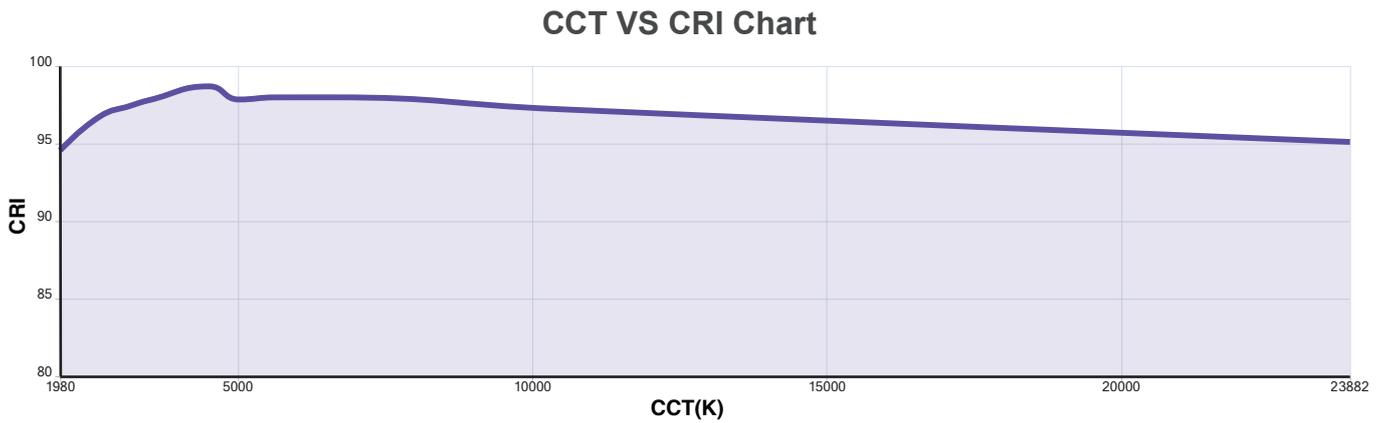
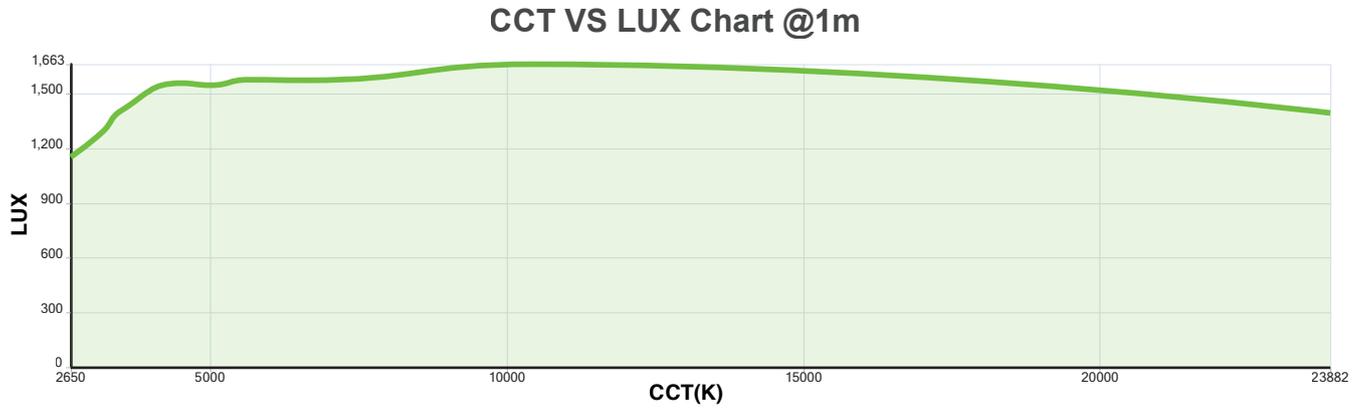
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External dimensions



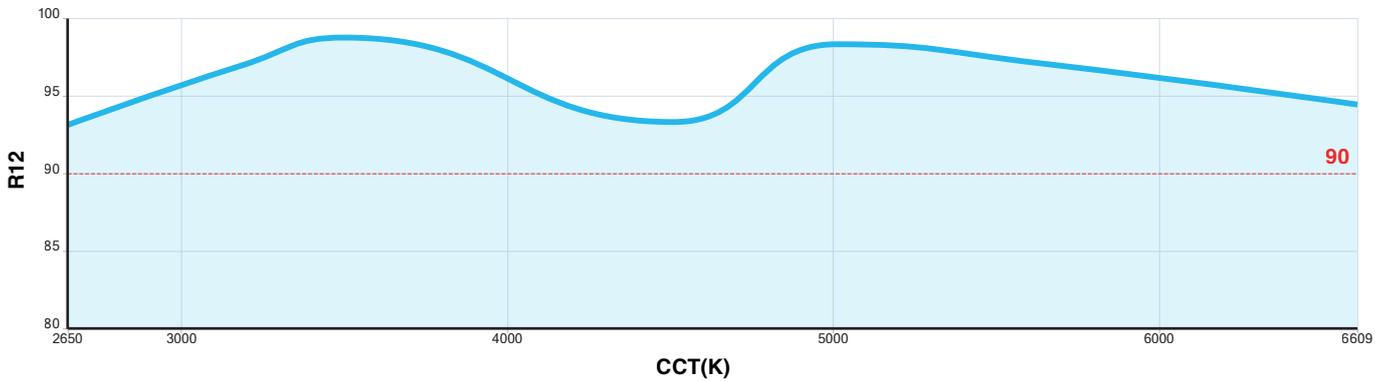
SUNRAY 60 Panel

Characteristic Curves

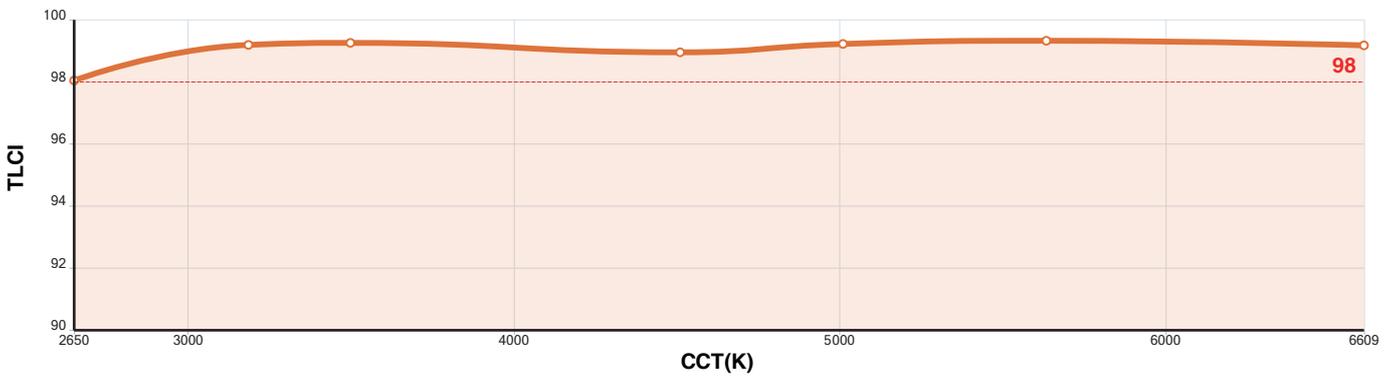


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CCT VS R12 Chart

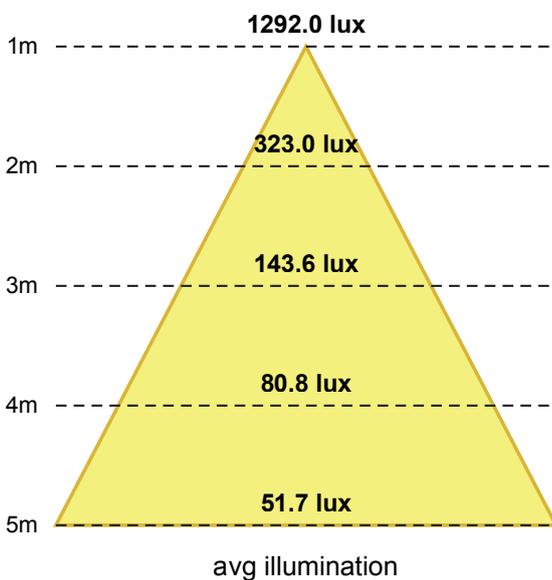


CCT VS TLCI Chart

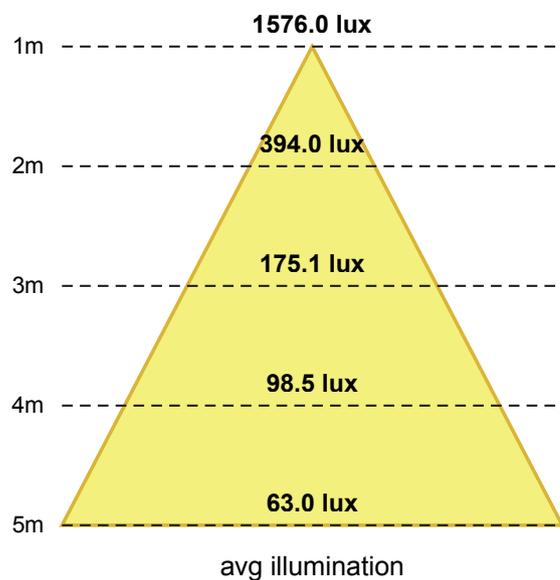


Photometrics

3200 Illuminance diagram



6500 Illuminance diagram



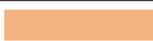
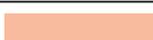
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M1 - M7							
Mode	CH1	CH2	CH3	CH4	CH5	CH6	CH7
M1(CCT)	Intensity	CCT					
M2(CCT+GM)	Intensity	CCT	G/M				
M3(HALOGEN)	Intensity	CCT					
M4(SOURCE)	Intensity	S-A(0-3) 3200K(4-6) D50(7-10) 5600K(11-13) D65(14-16) Color1~35_S-C(17-135) Color1~35_Tung(136-255)					
M5(HSI)	Intensity	Hue	Sat				
M6(M2+RGB)	Intensity	CCT	G/M	Ration	R	G	B
M7(M5+RGB)	Intensity	Hue	Sat	Ration	R	G	B
M9(Effects)	Intensity	CCT	Hue	Sat	Effects(1-10)	Speed(1-10)	

M8 (Modes can be switched via a console)								
Mode	CH1	CH2	CH3	CH4	CH5	CH6	CH7	CH8
M1(CCT)	Intensity	0-3.9% (0-9)	CCT					
M2(CCT+GM)	Intensity	4-7.4% (10-19)	CCT	G/M				
M3(HALOGEN)	Intensity	7.8-11.3% (20-29)	CCT					
M4(SOURCE)	Intensity	11.7-15.2% (30-39)	S-A(0-3) 3200K(4-6) D50(7-10) 5600K(11-13) D65(14-16) Color1~35_S-C(17-135) Color1~35_Tung(136-255)					
M5(HSI)	Intensity	15.6-19.1% (40-49)	Hue	Sat				
M6(M2+RGB)	Intensity	19.5-23% (50-59)	CCT	G/M	Ration	R	G	B
M7(M5+RGB)	Intensity	23.4-26.9% (60-69)	Hue	Sat	Ration	R	G	B

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Source Mode Color List

No.	DMX Value Source C	DMX Value Tung	Color
1	17-20	136-139	
2	21-23	140-142	
3	24-27	143-146	
4	28-30	147-149	
5	31-33	150-152	
6	34-36	153-155	
7	37-40	156-159	
8	41-43	160-162	
9	44-47	163-166	
10	48-50	167-169	
11	51-54	170-173	
12	55-57	174-176	
13	58-60	177-179	
14	61-64	180-183	
15	65-67	184-186	
16	68-71	187-190	
17	72-74	191-193	
18	75-78	194-197	
19	79-81	198-200	
20	82-84	201-203	
21	85-87	204-206	
22	88-91	207-210	
23	92-95	211-214	
24	96-98	215-217	
25	99-101	218-220	
26	102-105	221-224	
27	106-108	225-227	
28	109-112	228-231	
29	113-115	232-234	
30	116-118	235-237	
31	119-122	238-241	
32	123-125	242-244	
33	126-129	245-248	
34	130-132	249-251	
35	133-135	252-255	