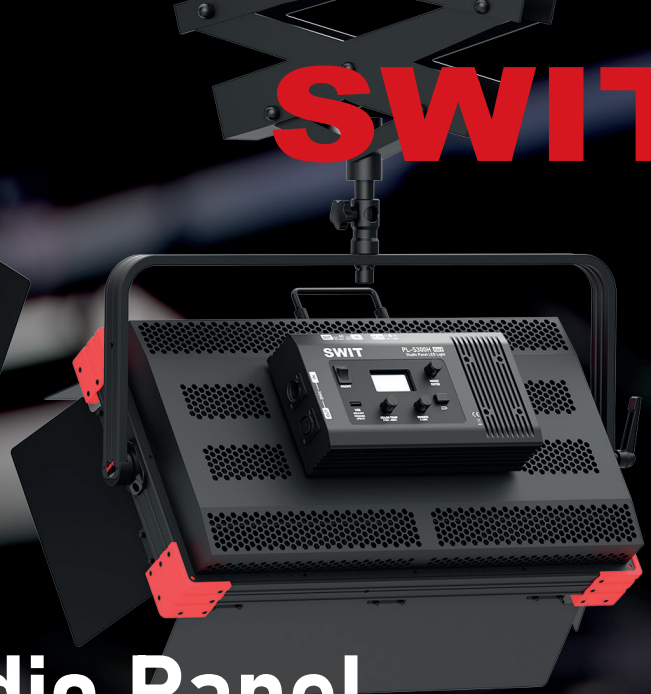# SWIT

300W Hard Studio Panel
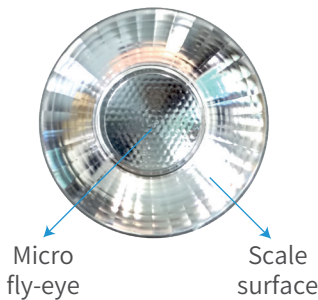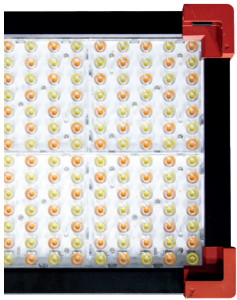
47,000Lux @ 1m Ultra Bright **PL-S300H**

Dedicated Bi-color Hard Panel
Innovative Fly–Eye & Scale Surface 45° Lens

Micro fly-eye

Scale surface

SWIT unique compound lens on each LED, with fly-eye and scale surface total reflection optical design, to enhance the diffusion effect of the lens, reducing color aberrations such as macular degeneration. The half-peak beam angle is specifically designed for studio applications at 45°, balancing high illuminance and uniformity of the light spot.

47,000Lux@1m Ultra Bright
300W, 2:1 size for large studios, event stage

Brightness at distance

Distance	1 meter	3 meters	5 meters	7 meters
Illuminance	47,000Lux	5,220Lux	1,900Lux	960Lux

Dimming Curves Selection
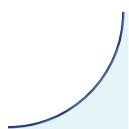
Linear   Exponential   Logarithm   S-curve

No Fan, No Noise
300W Full Power Running

With SWIT's unique heat dissipation design, this high-power studio light utilizes passive cooling structure, can be full-power operated without the need for fans, ensuring zero noise in the studio environment.

2700K–6500K Continuously
300W Output at any Color Temp

PL-S300H consists of 300W 2700K LEDs and 300W 6500K LEDs, and can be continuously adjusted between 2700K and 6500K, and output 300W power at any color temperature.
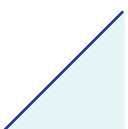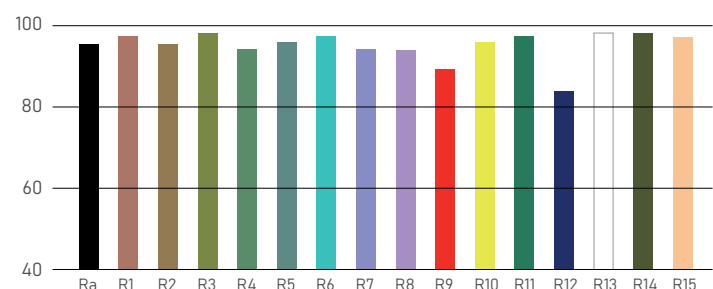
Accurate Color Render
CRI 96; TLCI 99; SSI(D55) 75

Power and Control

5-pin DMX512 IN & OUT

Optional:

RadioLux Rx
Professional Wireless DMX

5V USB-A Power OUT
Support Firmware Update

Menu Operation

PowerCON TRUE1 AC IN & LOOP

3-pin XLR DC 48V IN

SWIT   PL-S300H
Studio Panel LED Light

MENU Select / Enter & Return

DIMMER Knob 0-100%

COLOR TEMP Knob 2700-6500K

CCT	DMX	EFF	SYS

6500κ **100**%

DMX ON 🌡27 ℃

First screen, directly adjust
Dimmer and Color Temp

CCT	DMX	EFF	SYS
DIMMER			5
COLOR TEMP			24

Independent DMX addr
for Dimmer/Color Temp

CCT	DMX	EFF	SYS
EFFECT			OFF
DIMMER			100
SPEED			5
CYCLE TIME			Once

Light Effect Setting
Lightning/Candle etc

CCT	DMX	EFF	SYS
Firmware Update			Yes
DMX ON/OFF			ON
Dimming Curve			Exponential
System Reset			Yes

System Setting
USB firmware update

Optional Accessory
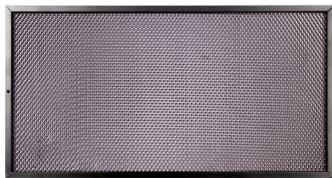
40° Honeycomb
Snap-on Quick Install

60° Softbox
15,000Lux @1m

2-cup Pan/Tilt
Pole-operated Yoke

Specifications

Model	PL-S300H
LEDs	280pcs SMD LEDs with Lens
Illuminance	47,000Lux @ 1m
Beam angle	45° half peak
Color Temp	2700K-6500K
Color Render	CRI 96; TLCI 99; SSI(D55) 75
DMX	5-pin DMX512 In&Out
Input Voltage	AC 100-240V, 50/60Hz, DC 48V
Power	300W
Net Weight	9.74kg incl. Barndoors

242mm
484mm
414mm
301mm
58mm
100mm
173mm
543mm
633mm