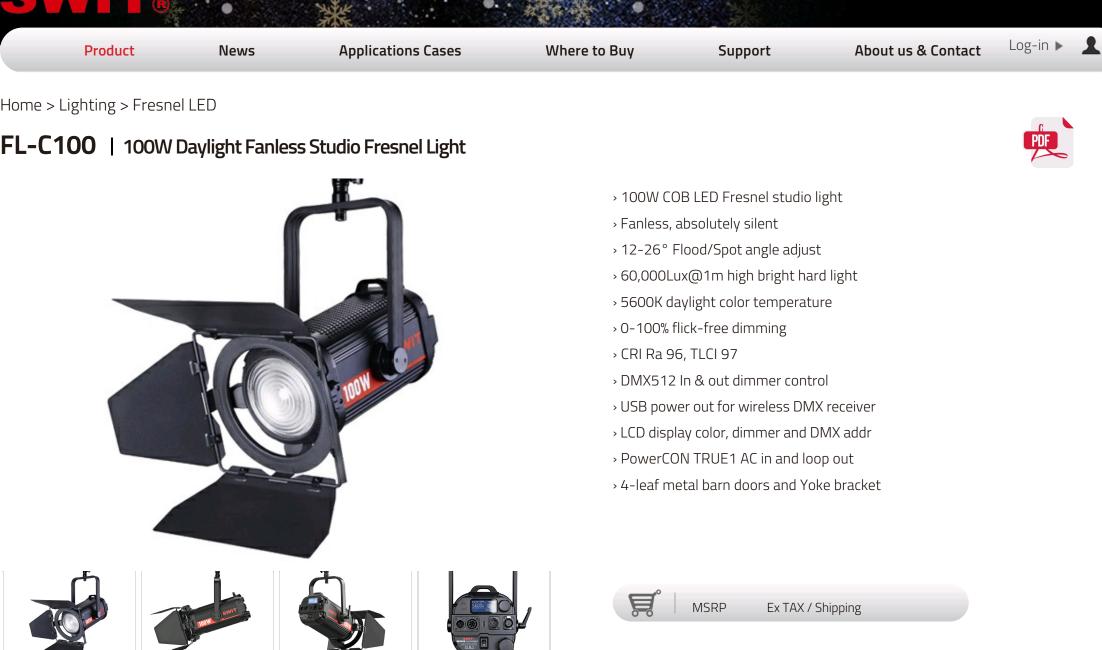
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Features Specifications

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Optional accessory

What's in box

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## **100W Fanless Fresnel Light**

Brighter, harder, absolutely silent

FL-C100 is a 100W COB-LED fresnel light of daylight color temperature, 60,000Lux @1m high bright, with DMX control, high CRI/TLCI and accurate color performance, and no fan, no noise at all, for broadcast studio, theatre, film set install applications.

## 12°-26° Spot/Flood Adjust

FL-C100 outputs 12°-26° beam angle by adjusting position of LED board internally, 0 to 100% PWM digital dimming, smoothly and non-flickering.

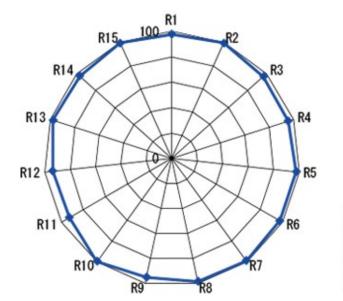
Distance	12° Spot	26° Flood	
1 meter	60,000Lux	13,000Lux	
3 meters	6,700Lux	1,400Lux	
5 meters	2,400Lux	520Lux	

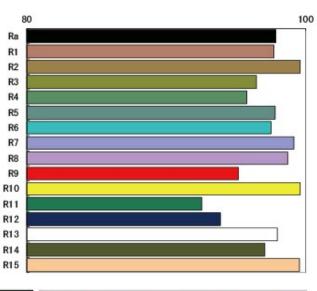
## 5600K Daylight Color Temp

100W

FL-C100 outputs accruate and stable 5600K color temperature for daylight studio application.







				Sector	Lightness	Chroma	Hue
				R	0	0	0
				R/Y	0	0	0
				Y	0	0	0
				Y/G	0	0	0
				G	0	0	0
_				G/C	0	0	0
		and the second second	and the second second	С	0	0	0
				C/B	0	0	0
	_			в	0	-	0
				B/M	0	0	+
				м	0	0	0
		4	 <b>3</b> 10	M/R	0	0	0

## **Accurate Color Render**

CRI 96; TLCI 97

CRI (Color Rendering Index) is a measure of the ability of a light source to reveal the colors of various objects faithfully in comparison with a natural light source. And TLCI (Television Lighting Consistency Index) is special for the color reveal ability by camera sensor. Max value 100.

The normal LED light has 80-85 CRI or TLCI, while FL-C100 offers the ultra high CRI at 96 and TLCI at 97, and will not lose the object original colors.

## DMX, AC IN & LOOP

FL-C100 provides 5-pin XLR DMX512 in and out, with a 5V USB-A socket to power wireless DMX receiver. For convenient studio installation, the FL-C100 provides PowerCON True 1 AC in and loop out sockets, which will loop through more than 25x FL-C100 lights under 220V AC voltage, and 13x FL-C100 lights under 110V voltage.





## 4-leaf Metal Barn Door

FL-C100 is equipped with 4-leaf metal barn doors, dismountable and rotatable. The light also provides a special black-out cloth to prevent the light leakage.

#### SWIT Electronics Europe GmbH

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# 100W Daylight Fanless Studio Fresnel LED Light

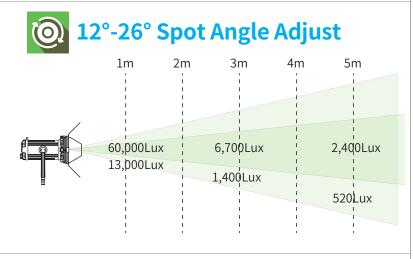
# FL-C100



### 100W COB-LED Fresnel Light

FL-C100 is a 100W COB-LED fresnel light of daylight color temperature, 60,000Lux @1m high bright, with DMX control, high CRI/TLCI and accurate color performance, and no fan, no noise at all, for broadcast studio, theatre, film set install applications.





# 5600K Daylight Color Temp

FL-C100 outputs accruate and stable 5600K color temperature for daylight studio application.



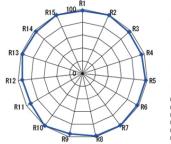
### No Fan, No Noise

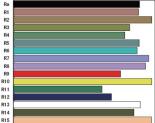
FL-C100 fresnel light adopts advanced cooling system technology, outputs 100W high power but no fan, to ensure quiet environment of the broadcast studio.

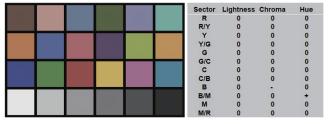


#### **CRI 96; TLCI 97**

FL-C100 featured ultra high CRI Ra 96 and TLCI 97, will keep the object original colors under lights.







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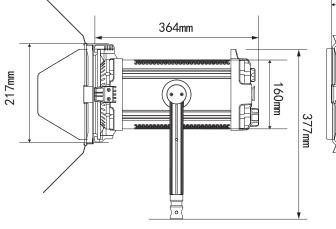
### **Power and Control**

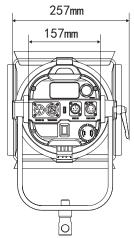




### **Specifications**

Model	FL-C100
LEDs	COB Chip-on-board
Spot angle	12° - 26° adjust
Illuminance	60,000Lux @ 1m/Spot
Color Temp	5600K
Color Render	CRI 96; TLCI 97
DMX	5-pin XLR DMX in & out
Input Voltage	AC 100-240V, 50/60Hz PowerCON True1 in & out
Power	100W
Net Weight	5.2kg incl. Barndoors





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