

# COMPACT FRESNEL LIGHT

Bi-Color or Single Color LED Light with integrated Zoom

With zoom capability and a professional fresnel lens, the new CFL joins the BB&S Compact Beamlight Family

# BB&S

LIGHTING PEOPLE

Made by Lighting People  
for Lighting People



## BB&S Compact Fresnel Light

The Compact Fresnel Light (CFL) is a new type of LED for studio, stage and architectural lighting. With a 5.5" footprint, these versatile LED powerhouses draw just 40Watts yet produce up to 2900-lumen output at 96TLCI (Bicolor). (Tunable from 2700 to 5600 Kelvin). The CFL is also available in a 3200K & 5600K Single Color version. Available in Black and White. CFL outputs a hard-shadow rendering beam that fades from 100% at center to 50% at the edges, so it is good for mixing and overlapping with other lights while eliminating blinding glare.

## Integrated Zoom

CFL has a smart ring-controlled focus system zooming from 12° to 52° that is manually adjustable by turning the ring on the fixture. It is powerful enough to be used as key, fill or backlight on positions typically from 3 to 6 meter distances in any newsroom, on set or in architectural applications when a compact punch light is needed.



## Small & Cost-effective

CFL is small & cost-effective. Each fixture offers the identical 1.6 kg/3.5-lbs weight and dimensions of (175mm/ 6.5" long, 145mm/ 5.7" diameter), allowing quick repositioning within the same grid brackets or clamps as other CFLs. Due to its small size the CFL fits anywhere. The BB&S curved Fresnel lens ensures an even field distribution alongside excellent shadow rendering as a true Fresnel and efficient cutting with optional magnetic 360 degree rotatable barndoors.

## Completely Silent

The BB&S engineers designed the CFL to run silent due to an effective heat dissipation rear section that eliminates a cooling fan and thereby produces no audible noise on set.

## BB&S CFL SPECIFICATIONS

### POWER

- Lamphead—1050 mA at 36 V, 41W maximum draw  
4-Pin XLR Male Power In (2m Cable)
- With BB&S Controller  
100-270V 50/60 Hz  
175W maximum draw
- With optional manual Driver/  
Dimmer: 12-14.4 V at 3.5 amps  
or 110-240 AC Power Supply

### CONTROL

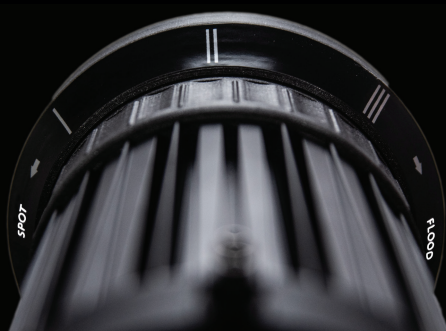
- Manual operation is only with the CBL Bi-Color Driver/Dimmer for use only with Bi-Color A/C supply or D-tap for battery operation
- BB&S Controller with DMX 512/RDM  
Bi-Color & Single Color versions available

### WEIGHT & DIMENSIONS

Weight: 1,6kg/3,5-lbs  
Length: 165mm/6.5"  
Diameter: 145mm/5.7"

### Temperture Range:

Ambient operation from  
-20° to 40°C/-4° to 104° F



CFL - SPOT/FLOOD Lable

[Brothers-Sons.dk](http://Brothers-Sons.dk)





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**CFL**

## POWER OPTIONS & ACCESSORIES

### Power Options for Compact Fresnel Light Bi-Color

**BB&S Bi-Color Controller (DMX512/RDM)**  
Power & Control for: 2x CFL Bi-Color



**BB&S Bi-Color Manual Dimmer**  
Power & Control for: 1x CFL Bi-Color  
Manual CCT Knob & Dimming Knob  
Includes D-Tap for Battery operation



### Power Options for Compact Fresnel Light Single Color

**BB&S Bi-Color Controller (DMX512/RDM)**  
Power & Control for: 2x CFL Bi-Color



**BB&S 40W Manual Dimmer**  
Powers: 1x CFL Single Color  
Manual Dimming Knob  
Includes D-Tap for Battery operation



### Compact Accessories



## BB&S CFL

### POWER OPTIONS

#### Bi-Color

- BBS-3694EU BB&S Bi-Color Controller EU
- BBS-3694US BB&S Bi-Color Controller US
- BBS-2845 40W Bi-Color Manual Dimmer incl. D-Tap Cable

#### Single Color

- BBS-3693EU BB&S Single Color Controller EU
- BBS-3693US BB&S Single Color Controller US
- BBS-3856 40W Manual Dimmer incl. D-Tap Cable

### ACCESSORIES

- BBS-2841 CBL/CFL Magnetic Filter Ring
- BBS-2843 CBL/CFL Magnetic Barndoor
- BBS-2842 CBL/CFL Magnetic Top Hat
- BBS-2857 CBL/CFL Prismatic Ecliptic Diffuser 10° x 20°
- BBS-2858 CBL/CFL Prismatic Ecliptic Diffuser 10° x 40°
- BBS-2859 CBL/CFL Prismatic Ecliptic Diffuser 10° x 60°
- BBS-2848 LEE - 251 Quarter White Diffuser
- BBS-2853 LEE - 253 Hampshire Frost Diffuser
- BBS-2859 LEE - 450 3/8 White Diffuser
- BBS-2835 Filter Kit including 3x LEE Diffusers & 3x Prismatic Elliptic filters.
- BBS-3737 Safety wire 5 kilos 850mm/2.8'

### CFL safety instructions

We recommend using the safety holes on the unit and barndoor to attach safety wires.





# COMPACT FRESNEL LIGHT

Bi-Color & Single Color LED Light with integrated Zoom  
Incl. Track Mount & Led Driver

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**BB&S CFL including Track Mount & LED Drivers**

## BB&S CFL including Track mount & LED Driver

BB&S Track Lighting provides a flexible power and data distribution. The Compact Fresnel Light is available mounted with a track adaptor for DMX controlled dimming or for Casambi BLE-mesh controlled dimming. Our Track Fixtures are ready to be mounted directly in a 110-230V 3-Phase Track.

## Casambi - No Single Point of Failure

The Casambi solution is based on Bluetooth Low Energy, the state-of-the-art wireless technology. On top of Bluetooth Low Energy, the Casambi technology provides a mesh network where all the intelligence of the system is replicated in every node and, in such a way, creates a system with no single point of failure. Casambi offers a big variety of possibilities for a user to interact with the lighting depending on the users individual requirements.

Read More on: [www.casambi.com](http://www.casambi.com)



BB&S Track Lights installed at GB NEWS



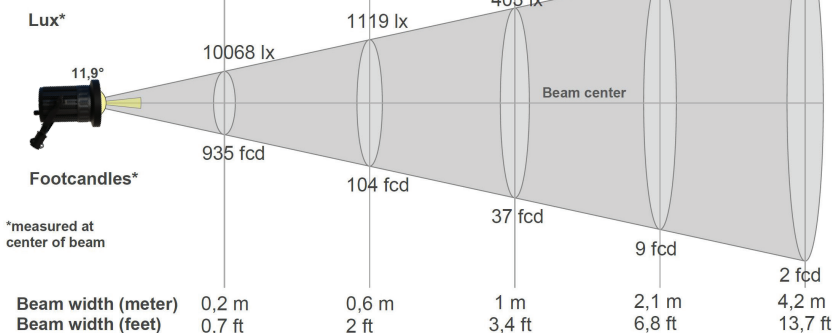
Brothers-sons.dk



## Compact Fresnel Light Photometrics 2700K

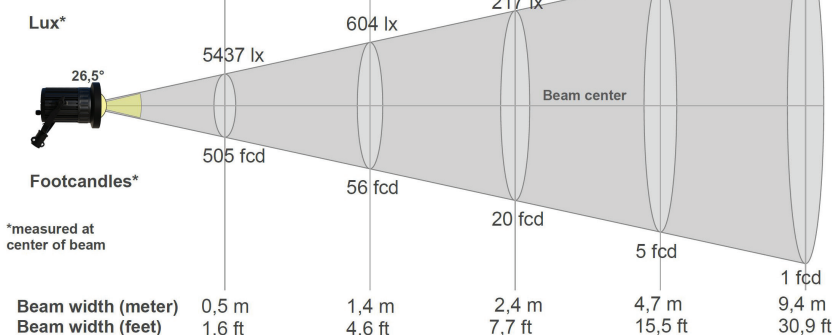
Distance (meter) 1 m 3 m 5 m 10 m 20 m  
Distance (feet) 3,3 ft 9,8 ft 16,4 ft 32,8 ft 65,6 ft

### CFL 2700K SPOT 12°



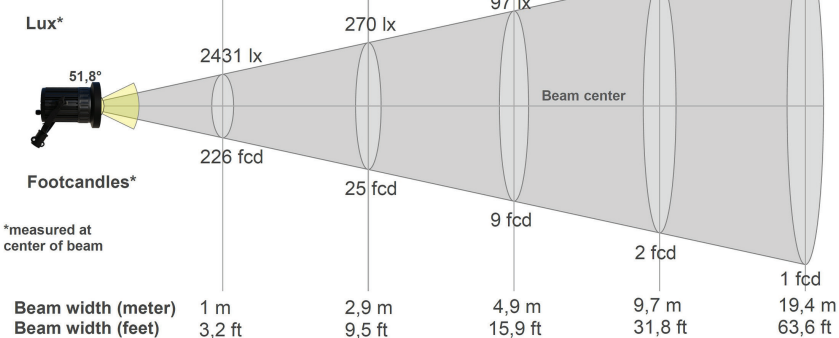
Distance (meter) 1 m 3 m 5 m 10 m 20 m  
Distance (feet) 3,3 ft 9,8 ft 16,4 ft 32,8 ft 65,6 ft

### CFL 2700K Medium FLOOD 26,5°

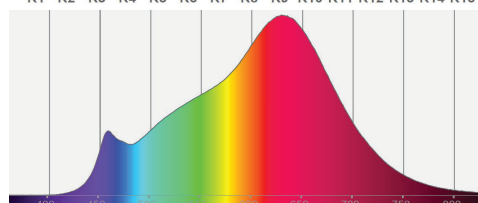
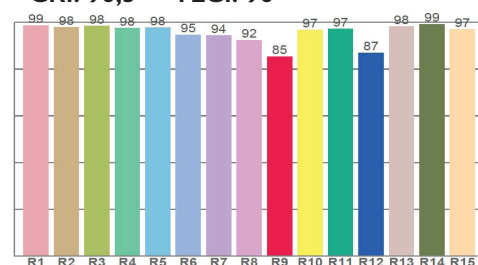


Distance (meter) 1 m 3 m 5 m 10 m 20 m  
Distance (feet) 3,3 ft 9,8 ft 16,4 ft 32,8 ft 65,6 ft

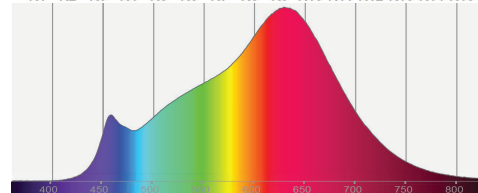
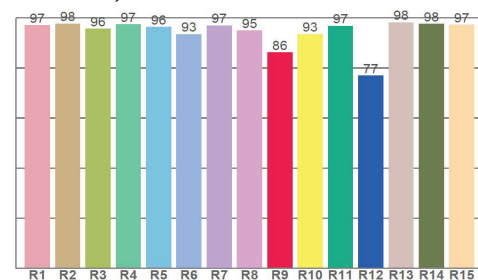
### CFL 2700K Wide FLOOD 52°



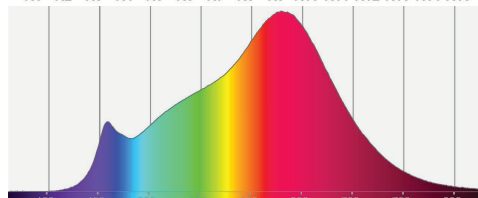
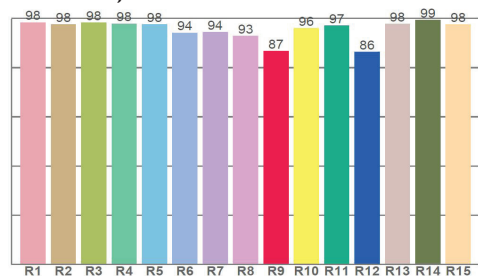
CRI: 96,5 - TLCI: 96



CRI: 96,2 - TLCI: 98



CRI: 96,3 - TLCI: 96





**CFL****Compact Fresnel Light Photometrics 5600K**

Distance (meter) 1 m 3 m 5 m 10 m 20 m  
Distance (feet) 3,3 ft 9,8 ft 16,4 ft 32,8 ft 65,6 ft

**CFL 5600K  
SPOT 12°**

Lux\*



Footcandles\*

\*measured at  
center of beam

Beam width (meter) 0,2 m  
Beam width (feet) 0,7 ft

Distance (meter) 1 m  
Distance (feet) 3,3 ft

**CFL 5600K  
Medium FLOOD 26,5°**

Lux\*



Footcandles\*

\*measured at  
center of beam

Beam width (meter) 0,5 m  
Beam width (feet) 1,6 ft

Distance (meter) 1 m  
Distance (feet) 3,3 ft

**CFL 5600K  
Wide FLOOD 52°**

Lux\*



Footcandles\*

\*measured at  
center of beam

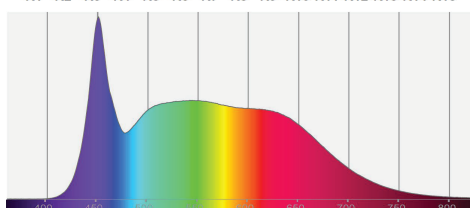
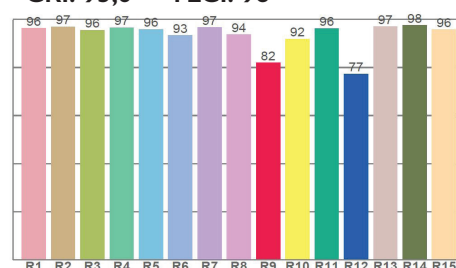
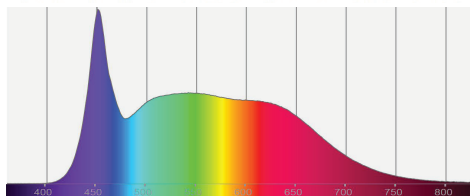
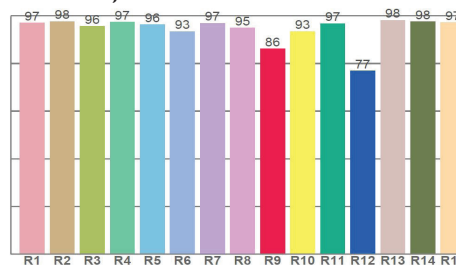
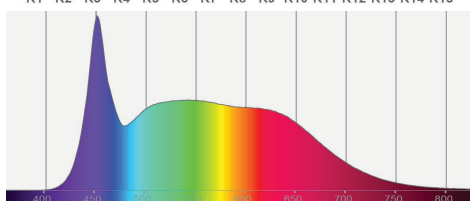
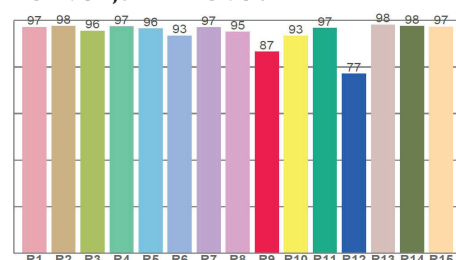
Beam width (meter) 1 m  
Beam width (feet) 3,2 ft

Beam width (meter) 2,9 m  
Beam width (feet) 9,5 ft

Beam width (meter) 4,9 m  
Beam width (feet) 16 ft

Beam width (meter) 9,7 m  
Beam width (feet) 31,9 ft

Beam width (meter) 19,5 m  
Beam width (feet) 63,8 ft

**CRI: 95,6 - TLCI: 98****CRI: 96,2 - TLCI: 98****CRI: 94,6 - TLCI: 96**

## ORDER INFO - BB&S Compact Fresnel Light Bi-Color

### BB&S Compact Fresnel Light Bi-Color (2m Cable, 4-Pin XLR)

Model: CFL 2700K-5600K, Black - BBS-2921

Model: CFL 2700K-5600K, White - BBS-2921W

#### Power Options

BB&S Bi-Color Controller **EU** - BBS-3694EU

BB&S Bi-Color Controller **US** - BBS-3694US

CBL Bi-Color Manual Dimmer incl. D-Tap - BBS-2845

PSU for Bi-Color Manual Dimmer **EU** - BBS-2846EU

PSU for Bi-Color Manual Dimmer **US** - BBS-2846US

#### 4-pin XLR Extension Cables

2,5 Meter 4-Pin Extension - BBS-3848

5,0 Meter 4-Pin Extension - BBS-3843

7,5 Meter 4-Pin Extension - BBS-3846

10 Meter 4-Pin Extension - BBS-3842



Available in Black or White

### BB&S CFL Accessories

BB&S CBL/CFL Magnetic Barndoor - BBS-2843

BB&S CBL/CFL Magnetic Tophat - BBS-2842

BB&S CBL/CFL Magnetic Filter Ring - BBS-2837

BB&S CBL/CFL Filter Set - BBS-2835

Filter Set Includes:

LEE - 251 Quarter White Diffuser - BBS-2848

LEE - 253 Hampshire Frost Diffuser - BBS-2853

LEE - 450 3/8 White Diffuser - BBS-2855

Prismatic Ecliptic Diffuser 10x20° - BBS-2857

Prismatic Ecliptic Diffuser 10x40° - BBS-2858

Prismatic Ecliptic Diffuser 10x60° - BBS-2859

Safety wire 5 kilos 850mm/2.8' - BBS-3737



### BB&S CFL Bi-Color incl. Track Mount & LED Driver (110-230V)

#### Black

Model: BB&S CFL - Driver: DMX - Color: Black - BBS-2924

Model: BB&S CFL - Driver: Casambi - Color: Black - BBS-2923

Model: BB&S CFL - Driver: DALI - Color: Black - BBS-2922

#### White

Model: BB&S CFL - Driver: DMX - Color: White - BBS-2924W

Model: BB&S CFL - Driver: Casambi - Color: White - BBS-2923W

Model: BB&S CFL - Driver: DALI - Color: White - BBS-2922W





## ORDER INFO - BB&S Compact Fresnel Light Single Color

### BB&S Compact Fresnel Light Single Color (2m Cable, 3-Pin XLR)



Available in Black or White

Model: CFL 3200K, Black - BBS-2925

Model: CFL 3200K, White - BBS-2925W

Model: CFL 5600K, Black - BBS-2927

Model: CFL 5600K, White - BBS-2927W

#### Power Options

BB&S Single Color Controller EU - BBS-3694EU

BB&S Single Color Controller US - BBS-3694US

40W Manual Dimmer incl. D-Tap - BBS-3856

PSU for 30W & 40W Manual Dimmer EU - BBS-3608EU

PSU for 30W & 40W Manual Dimmer US - BBS-3608US



#### 3-pin XLR Extension Cables

2,5 Meter 3-Pin Extension - BBS-3604

5,0 Meter 3-Pin Extension - BBS-3605

7,5 Meter 3-Pin Extension with Split - BBS-3606



### BB&S CFL Accessories

BB&S CBL/CFL Magnetic Barndoor - BBS-2843

BB&S CBL/CFL Magnetic Tophat - BBS-2842

BB&S CBL/CFL Magnetic Filter Ring - BBS-2837

BB&S CBL/CFL Filter Set - BBS-2835

Filter Set Includes:

LEE - 251 Quarter White Diffuser - BBS-2848

LEE - 253 Hampshire Frost Diffuser - BBS-2853

LEE - 450 3/8 White Diffuser - BBS-2855

Prismatic Ecliptic Diffuser 10x20° - BBS-2857

Prismatic Ecliptic Diffuser 10x40° - BBS-2858

Prismatic Ecliptic Diffuser 10x60° - BBS-2859



Safety wire 5 kilos 850mm/2.8' - BBS-3737



### BB&S CFL Single Color incl. Track Mount & LED Driver (110-230V)

#### Black Housing

Model: BB&S CFL 3200K - Driver: DMX - Color: Black - BBS-2929

Model: BB&S CFL 5600K - Driver: DMX - Color: Black - BBS-2930

Model: BB&S CFL 3200K - Driver: Casambi - Color: Black - BBS-2931

Model: BB&S CFL 5600K - Driver: Casambi - Color: Black - BBS-2332

Model: BB&S CFL 3200K - Driver: DALI - Color: Black - BBS-2933

Model: BB&S CFL 5600K - Driver: DALI - Color: Black - BBS-2334

#### White Housing

Model: BB&S CFL 3200K - Driver: DMX - Color: White - BBS-2929W

Model: BB&S CFL 5600K - Driver: DMX - Color: White - BBS-2930W

Model: BB&S CFL 3200K - Driver: Casambi - Color: White - BBS-2931W

Model: BB&S CFL 3200K - Driver: Casambi - Color: White - BBS-2332W

Model: BB&S CFL 3200K - Driver: DALI - Color: White - BBS-2933W

Model: BB&S CFL 3200K - Driver: DALI - Color: White - BBS-2334W

