



CBL 1™

BB&S CBL 1 Specifications

POWER:

Lamphead 1050 Ma approx 36 volts
Used with 4 way controller (4 lights):
Power 100-270 volts 50/60 Hz
175 Watt
Used with Pipeline manual dimmer:
12 to 14.4 volts 3.5 Amps

CONTROL:

Manual operation with Pipeline free
dimmer for use with ac supply or
D-tap from V-lock or goldmount.
Dmx control with 4 - way controller
DMX 512/RDM
DMX 512 also allows daisy-chaining
8/16 bit dimming from 0 to 100 %

DIMENSIONS:

Length: 165mm / 6.5"
Diam.: 145mm/5.70"

THERMAL:

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

New Category of Lighting

BB&S Lighting introduces the Compact Beamlight (CBL 1) a new type of studio, stage and architectural lighting. With a 5.5" footprint, these versatile LED powerhouses draw just 40W yet produce up to 4000-lumen output at 97 CRI. While other fixtures produce a wider, less defined beam, the CBL 1 outputs a hard-shadow rendering beam that fades from 100% at center to 50% at the edges, so it's good for mixing and overlapping with other lights while eliminating blinding glare.

Small & Cost-effective

BB&S CBL 1 lights are ideal for news sets and stages requiring consistent lighting and for specialty uses like approximating headlights or mounting up to 30m overhead—without spill, glare or stray light. Each fixture offers the identical 1.5 kg/3.3-lbs weight and dimensions of (165 mm/ 6.5" long, Ø 140mm/ 5.7") allowing quick repositioning within the same grid brackets or clamps as other CBL 1s.

BB&S Proprietary Tech

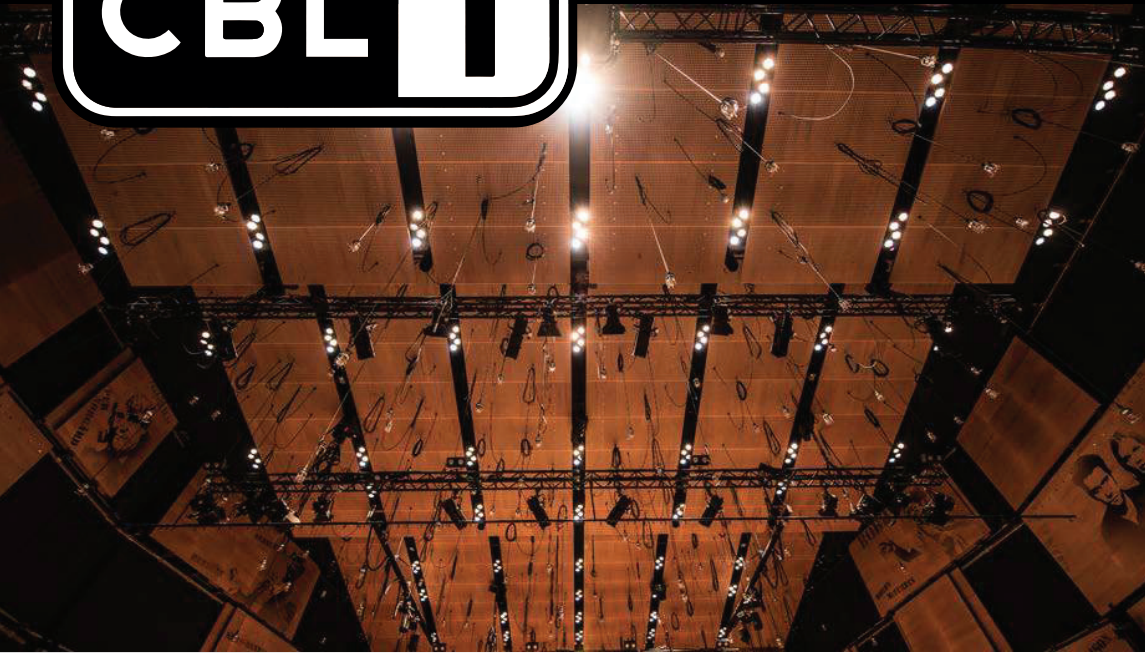
BB&S' proprietary 126mm diameter collimator lens converts up to 90% of the LED output to produce a high intensity narrow beam with minimal spill. The BB&S engineers designed Compact Beamlights to run silent due to an effective heat dissipation rear section that eliminates a cooling fan.

The I4-Fixture Family

Choose from four fixed color temperatures (2700°K, 3000°K, 4000°K, 5600°K) and four beam angles: 7, 11, 13, 17 degrees each smoothly dimmable 0 to 100%.



BB&S
LIGHTING PEOPLE



BB&S CBL 1 SKU# Numbers

- #2801 -BB&S CBL 1, ACL-2700K
 - #2802 -BB&S CBL 1, ACL-3000K
 - #2803 -BB&S CBL 1, ACL-4000K
 - #2804 -BB&S CBL 1, ACL-5600K
 - #2809 -BB&S CBL 1, VN5P-2700K
 - #2810 -BB&S CBL 1, VN5P-3000K
 - #2811 -BB&S CBL 1, VN5P-4000K
 - #2812 -BB&S CBL 1, VN5P-5600K
 - #2806 -BB&S CBL 1, MEDIUM-3000K
 - #2808 -BB&S CBL 1, MEDIUM-5600K
 - #2813 -BB&S CBL 1, WIDE-2700K
 - #2814 -BB&S CBL 1, WIDE-3000K
 - #2815 -BB&S CBL 1, WIDE-4000K
 - #2816 -BB&S CBL 1, WIDE-5600K
- (All the above Include Yoke, 2 meters of cable and 3 pin xlr male connector)

#3856 -Manual dimmer for Compact Beamlight 1 incl. D-Tap male to DC 2.1 female, 2 m

NOTE - PSU #3608 must be ordered separately

Versatile Operation

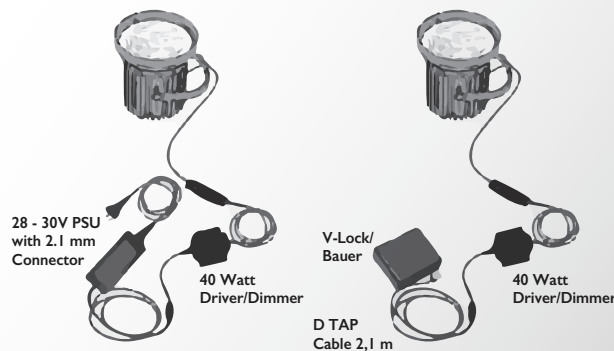
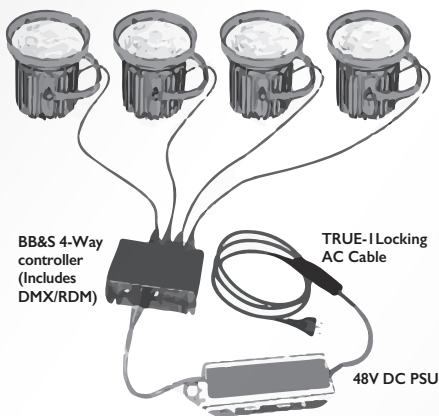
CBL 1's deliver with a 3-pin XLR, 1.5-meter cable and standard yoke. They offer several operating choices.

The BB&S 4-Way Controller runs up to 4 Beamlights individually and is prepared for optional wireless DMX control or built-in DMX 512 RDM in and out and 48V power. It offers full dimming without color shift or flicker and 8- or 16-bit DMX and manual dimming plus strobe. Or user's may choose the optional BB&S 40 Watt Driver/Dimmer with 3-pin XLR connector which can be used with either a PSU or battery. Or the 40-Watt Driver/Dimmer and inline D-Tap cable provide battery operation. Resourceful gaffers can use standard drivers that operate off 12V.

BB&S 4Way Controller:
Individually Controllable on DMX
or Via Push-Button Display

Power Supply:
Architecture/Individual Use

Standard Battery:
14.4V DC Operation



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ACL

BB&S CBL 1

ACL 2700K					
Distance Feet	3.3	17	23	33	66
Footcandles	10388	416	212	104	26
Distance Meters	1	5	7	10	20
LUX	111819	4473	2282	1118	280

BB&S CBL 1

ACL 3000K					
Distance Feet	3.3	17	23	33	66
Footcandles	11128	445	227	111	66
Distance Meters	1	5	7	10	20
LUX	119777	4791	2444	1198	299

BB&S CBL 1

ACL 4000K					
Distance Feet	3.3	17	23	33	66
Footcandles	12312	492	251	123	31
Distance Meters	1	5	7	10	20
LUX	132527	5301	2705	1325	331

BB&S CBL 1

ACL 5600K					
Distance Feet	3.3	17	23	33	66
Footcandles	13821	553	282	138	35
Distance Meters	1	5	7	10	20
LUX	148770	5951	3036	1488	372

VNSP

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VNSP 2700K					
Distance Feet	3.3	17	23	33	66
Footcandles	5685	227	116	57	14
Distance Meters	1	5	7	10	20
LUX	61195	2448	1249	612	153

BB&S CBL 1

VNSP 3000K					
Distance Feet	3.3	17	23	33	66
Footcandles	6381	255	130	64	16
Distance Meters	1	5	7	10	20
LUX	68684	2747	1402	687	172

BB&S CBL 1

VNSP 4000K					
Distance Feet	3.3	17	23	33	66
Footcandles	7261	290	148	73	18
Distance Meters	1	5	7	10	20
LUX	78155	3126	1595	782	195

BB&S CBL 1

VNSP 5600K					
Distance Feet	3.3	17	23	33	66
Footcandles	8472	339	173	85	21
Distance Meters	1	5	7	10	20
LUX	91189	3648	1861	912	228

Medium

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Medium 3000K					
Distance Feet	3.3	17	23	33	66
Footcandles	4749	190	97	47	12
Distance Meters	1	5	7	10	20
LUX	51119	2045	1043	511	128

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Medium 5600K					
Distance Feet	3.3	17	23	33	66
Footcandles	4108	164	84	41	10
Distance Meters	1	5	7	10	20
LUX	44219	1769	902	442	111

WIDE

BB&S CBL 1

Wide 2700K					
Distance Feet	3.3	17	23	33	66
Footcandles	2771	111	57	28	7
Distance Meters	1	5	7	10	20
LUX	29830	1193	609	298	75

BB&S CBL 1

Wide 3000K					
Distance Feet	3.3	17	23	33	66
Footcandles	3036	121	62	30	8
Distance Meters	1	5	7	10	20
LUX	32681	1307	667	327	82

BB&S CBL 1

Wide 4000K					
Distance Feet	3.3	17	23	33	66
Footcandles	3364	135	69	34	8
Distance Meters	1	5	7	10	20
LUX	36209	1448	739	362	91

BB&S CBL 1

Wide 5600K					
Distance Feet	3.3	17	23	33	66
Footcandles	3985	159	81	40	10
Distance Meters	1	5	7	10	20
LUX	42889	1716	875	429	107

BB&S CBL 1 Beam details

