

DESCRIPTION

The CBF Series is a compact LED bullet floodlight designed for landscape, accent, and general exterior lighting applications. Featuring a durable die-cast aluminum housing with integral heat-dissipating fins and a corrosion-resistant textured powder coated finish, the fixture delivers reliable long-term performance in demanding outdoor environments. The CBF Series provides lumen packages up to 2,336 lumens with narrow, medium, and wide beam distributions for precise lighting control. An adjustable knuckle mount allows for flexible field aiming and positioning, while optional mounting accessories support a variety of installation applications including ground and post top mounting.

SPECIFICATIONS

Construction:

- Die-cast gasketed aluminum housing
- Integral heat-dissipating fins provide thermal management
- Textured powder coated bronze finish over chromate conversion coating for corrosion resistance
- Tempered clear flat glass lens construction
- Nickel-plated stainless steel hardware for long-term durability

Optics/LEDs:

- 17 Watt (LED Array) or 21 Watt (COB) with lumen packages up to 2,336
- Narrow, Medium and Wide Beam optics
- 3000K, 4000K, 5000K CCT
- 80 CRI
- Efficacy up to 131 lumens per watt
- L70 ≥ 89,000 hours

Electrical:

- 120-277VAC, 50/60Hz
- 0-10V Dimming driver
- Power Factor ≥ 0.90

Installation:

- Adjustable knuckle mount allows for field aiming and positioning
- ½" NPS threaded knuckle supports junction box or conduit mounting
- Compatible with ground mounting accessories for landscape applications
- Suitable for mounting heights up to 12 feet based on application requirements

Options:

- Fuse; Single Fuse (Option: F) or Double Fuse (Option: FD)
- Surge Protector; 120-277VAC Surge Protector (Option: SP)

Testing & Compliance:

- cETLus Listed for Wet Locations
- Operating Temperatures: -40°C to 50°C (-40°F to 122°F)
- Buy American Act compliant

Field Installed Accessories:

- Die-cast post top fitter for 2¾" to 3½" poles, bronze finish, three (3) ½" coin plugs (CBF-PTF)
- Heavy duty ground stake, built-in wiring compartment with ½" NPS threaded fitting, black plastic. (CBF-STK)
- Die-Cast Rotatable Visor, Bronze Powder coat Finish (CBF-V)

Warranty:

- Five Year Warranty (Terms and Conditions Apply)

Model: _____ Date: _____
Accessories: _____
Job Name: _____ Type: _____



Shown: CBF-17-W



Specs at a Glance		
Model	CBF-17	CBF-21
Wattage (W)*	17W	21W
Lumens (lm)	1,745 - 2,234	2,326 - 2,336
Efficacy (LPW)	Up to 131	111
Distribution	Narrow 32°, Medium 65°, Wide 112°	Narrow 30°, Wide 100°
CCT (K)	3000K, 4000K, 5000K	
CRI	80	
Input Voltage	120-277VAC	
Operating Temp	-40°C to 50°C (-40°F to 122°F)	
Certifications	ETL Listed for Wet Locations	
Warranty	5 Years	

* Nominal Wattage, tested at 4000K CCT. See performance table for details.

Note: Environment and application will affect actual performance. Typical values and 25°C (77°F) used for testing. Specifications subject to change without notice.

ORDERING INFORMATION (Example: CBF-17-N-VS-3K-BR-F)

Model	LED/Wattage	Distribution	Input Voltage	CCT	Finish	Options
CBF	17 = 17 Watt (LED Array)	N ² = Narrow Beam	VS = 120-277VAC	3K = 3000K	BR = Bronze	F = Fuse
	21 ¹ = 21 Watt (COB)	M ³ = Medium Beam		4K = 4000K		FD = Double Fuse
		W ⁴ = Wide Beam		5K = 5000K		SP = Surge Protector

Notes:	Accessories ⁵ (Field installed, order as separate line item)
¹ Only available in 4000K	CBF-PTF = Die-cast Post Top Fitter for 2½" to 3½" Poles, Three (3) ½" Coin Plugs, Bronze Finish
² 32° with 17W, 30° with 21W	
³ 65°, not available in 21W	CBF-STK = Heavy Duty Ground Stake, Built-in Wiring Compartment with ½" NPS Threaded Fitting, Black Plastic
⁴ 112° with 17W, 100° with 21W	
⁵ Order as a separate line item, shipped in separate box for final installation in the field	CBF-V = Die-Cast Rotatable Visor, Bronze Powder coat Finish

PERFORMANCE DATA

Model	Wattage	CCT	Distribution	Lumens	LPW	CRI
CBF-17-N	17W	3000K	32°H x 32°V, NEMA 4H x 4V	2,085	123	80
CBF-17-N	17W	4000K	32°H x 32°V, NEMA 4H x 4V	2,152	127	80
CBF-17-N	17W	5000K	32°H x 32°V, NEMA 4H x 4V	2,234	131	80
CBF-17-M	17W	3000K	90°H x 40°V, NEMA 7H x 6V	1,745	103	80
CBF-17-M	17W	4000K	90°H x 40°V, NEMA 7H x 6V	1,801	106	80
CBF-17-M	17W	5000K	90°H x 40°V, NEMA 7H x 6V	1,870	110	80
CBF-17-W	17W	3000K	112°H x 112°V, NEMA 7H x 7V	1,751	103	80
CBF-17-W	17W	4000K	112°H x 112°V, NEMA 7H x 7V	1,807	106	80
CBF-17-W	17W	5000K	112°H x 112°V, NEMA 7H x 7V	1,876	110	80
CBF-21-N	21W	4000K	30°H x 30°V, NEMA 4H x 4V	2,326	111	80
CBF-21-W	21W	4000K	100°H x 100°V, NEMA 6H x 6V	2,336	111	80

ACCESSORIES (sold separately for field installation)



**Post Top Fitter
CBF-PTF**

Die-cast Post Top Fitter for 2½" to 3½" Poles, Three (3) ½" Coin Plugs (Sold Separately)



**Ground Stake
CBF-STK**

Heavy Duty Ground Stake, Built-in Wiring Compartment with ½" NPS Threaded Fitting (Sold Separately)



**Ground Stake
CBF-V***

Die-Cast Rotatable Visor, Bronze Powder Coated Finish (Sold Separately) *Shown Mounted

DIMENSIONS

