

## DESCRIPTION

Boca 696 is a compact 6-1/4 inch diameter in-ground dimmable LED luminaire. It comes with standard with either an integral 12V step down transformer or a low voltage fixture, in which case a remote low voltage transformer is required. The integral transformer allows the fixture to be connected directly to 120V, 230V, 240V, 277V or 347V line voltage (specify). The adjustable lamp assembly provides +/- 23° vertical tilt and 360° horizontal rotation for precision uplighting, wall washing or general illumination in constricted areas. Designed for recessed mounting in concrete, brick, stone or dirt, it is suitable for drive-over applications. Fixture is also suitable for recessed mounting in indoor or outdoor wood

## SPECIFICATION FEATURES

### A ... Material

Recessed housing is constructed from corrosion-resistant stainless steel. Trim ring and trim collar are die cast from corrosion resistant solid brass. The trim ring and trim collar are also available in machined stainless steel, machined bronze or machined copper.

### B ... Finish

Solid brass, bronze, copper or stainless steel trim ring and trim collar are unpainted to reveal the natural beauty of the material. Brass, bronze and copper will patina naturally over time. The brass trim ring and trim collar can also be painted a variety of standard colors or custom colors as requested.

### C ... Gasket

Recessed housing and trim ring are sealed with a high temperature silicone o-ring gasket to prevent water intrusion.

### D ... Lens

Minimum 1/4" thick tempered glass lens, factory sealed with high temperature adhesive to prevent water intrusion and breakage due to thermal shock. Suitable for drive-over applications up to 5000 pounds.

### E ... Hardware

Stainless steel hardware is standard to provide maximum corrosion-resistance.

### F ... Socket

Ceramic socket with 250° C Teflon® coated lead wires and GU5.3 bi-pin base.

### G ... Electrical

When ordered as a line voltage fixture, an integral 12V transformer is included for connection to 120V, 230V, 240V, 277V, or 347V line voltage (specify). Bottom of line voltage fixtures include two 1/2-14 NPSM brass female conduit fittings for through wiring. When ordered as a low voltage fixture, a remote 12V transformer is required (not included). Sides of the low voltage fixture include two 1/2-14 NPSM brass female conduit fittings 180° apart for through wiring. NOTE: initial power draw on LED equipped fixtures is 15 watts. When sizing remote transformers use 15 watts per LED fixture. Nominal power draw after start up is 6 watts or 10 watts accordingly.

### H ... LED

LED modules are included and are available in four color temperatures (2700,3000,4000,5700) and three distributions (spot, narrow, and flood). Both color temperature and distribution must be specified when ordering - see reverse side for details and catalog logic.

### I ... Labels & Approvals

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### J ... Warranty

Lumière warrants its fixtures against defects in materials & workmanship for three (3) years. Auxiliary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

Catalog #		Type
Project		
Comments		Date
Prepared by		

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BOCA

696

10W LED  
6W LED

Line Voltage  
w/ Integral 12V transformer  
Low Voltage

Inground

### K ... Recessed Housing

Recessed housing is available to ship in advance of complete fixture for rough-in purposes. Specify option -LBB and order separately the accompanying recessed housing from below. Finish must be specified on recessed housing as trim collar is permanently attached and sealed to the housing at the factory.

Line Voltage  
696-NBR-xxx/12-BB  
Brass line voltage recessed housing  
xxx specifies voltage:  
120,230,240, 277 or 347

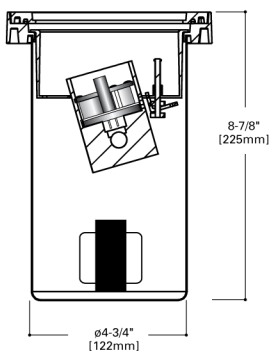
696-NBZ-xxx/12-BB  
Bronze line voltage recessed housing  
xxx specifies voltage:  
120,230,240, 277 or 347

696-NCP-xxx/12-BB  
Copper line voltage recessed housing  
xxx specifies voltage:  
120,230,240, 277 or 347

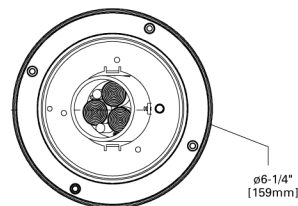
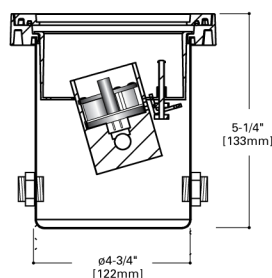
696-NSS-xxx/12-BB  
Stainless steel line voltage recessed housing  
xxx specifies voltage:  
120,230,240, 277 or 347

696-yy-xxx/12-BB  
Painted brass line voltage recessed housing  
yy specifies painted finish: BK, BZ, CS, VE, WT  
xxx specifies voltage:  
120,230,240, 277 or 347

Boca 696-LED  
w/ Integral Transformer



Boca 696-LED  
for Remote Transformer



Lamp	Watts	Beam Spread	CBCP	°K	Life (hrs.)	Base	Volts
6LED2712	6	12°	3358	2700	50000	GU5.3 bi-pin	12
6LED2721	6	21°	937	2700	50000	GU5.3 bi-pin	12
6LED2741	6	41°	472	2700	50000	GU5.3 bi-pin	12
6LED3012	6	12°	3694	3000	50000	GU5.3 bi-pin	12
6LED3021	6	21°	1019	3000	50000	GU5.3 bi-pin	12
6LED3041	6	41°	646	3000	50000	GU5.3 bi-pin	12
6LED4012	6	12°	4280	4000	50000	GU5.3 bi-pin	12
6LED4021	6	21°	1179	4000	50000	GU5.3 bi-pin	12
6LED4041	6	41°	754	4000	50000	GU5.3 bi-pin	12
6LED5712	6	12°	4496	5700	50000	GU5.3 bi-pin	12
6LED5721	6	21°	1275	5700	50000	GU5.3 bi-pin	12
6LED5741	6	41°	792	5700	50000	GU5.3 bi-pin	12
10LED2712	10	12°	5037	2700	50000	GU5.3 bi-pin	12
10LED2721	10	21°	1406	2700	50000	GU5.3 bi-pin	12
10LED2741	10	41°	708	2700	50000	GU5.3 bi-pin	12
10LED3012	10	12°	5513	3000	50000	GU5.3 bi-pin	12
10LED3021	10	21°	1521	3000	50000	GU5.3 bi-pin	12
10LED3041	10	41°	964	3000	50000	GU5.3 bi-pin	12
10LED4012	10	12°	6389	4000	50000	GU5.3 bi-pin	12
10LED4021	10	21°	1759	4000	50000	GU5.3 bi-pin	12
10LED4041	10	41°	1125	4000	50000	GU5.3 bi-pin	12
10LED5712	10	12°	6711	5700	50000	GU5.3 bi-pin	12
10LED5721	10	21°	1903	5700	50000	GU5.3 bi-pin	12
10LED5741	10	41°	1182	5700	50000	GU5.3 bi-pin	12
50MR16/NSP	50	12°	11,000	3050	4000	GU5.3 bi-pin	12
50MR16/NSL	50	25°	3200	3050	4000	GU5.3 bi-pin	12
50MR16/FL	50	40°	2000	3050	4000	GU5.3 bi-pin	12
50MR16/WFL	50	60°	1200	3050	4000	GU5.3 bi-pin	12

ORDERING INFORMATION

Sample Number: 696-10LED2712-120/12-BK-F70



**Series**  
696 = 6 1/4" dia. Boca Inground LED Uplight, 22° Tilt, 360° Rotation

**Source**  
 6LED2712 = 6W 2700K, 12° Spot, GU5.3 Base  
 6LED2721 = 6W 2700K, 21° Narrow, GU5.3 Base  
 6LED2741 = 6W 2700K, 41° Wide, GU5.3 Base  
 6LED3012 = 6W 3000K, 12° Spot, GU5.3 Base  
 6LED3021 = 6W 3000K, 21° Narrow, GU5.3 Base  
 6LED3041 = 6W 3000K, 41° Wide, GU5.3 Base  
 6LED4012 = 6W 4000K, 12° Spot, GU5.3 Base  
 6LED4021 = 6W 4000K, 21° Narrow, GU5.3 Base  
 6LED4041 = 6W 4000K, 41° Wide, GU5.3 Base  
 6LED5712 = 16W 5700K, 12° Spot, GU5.3 Base  
 6LED5721 = 6W 5700K, 21° Narrow, GU5.3 Base  
 6LED5741 = 6W 5700K, 41° Wide, GU5.3 Base  
 10LED2712 = 10W 2700K, 12° Spot, GU5.3 Base  
 10LED2721 = 10W 2700K, 21° Narrow, GU5.3 Base  
 10LED2741 = 10W 2700K, 41° Wide, GU5.3 Base  
 10LED3012 = 10W 3000K, 12° Spot, GU5.3 Base  
 10LED3021 = 10W 3000K, 21° Narrow, GU5.3 Base  
 10LED3041 = 10W 3000K, 41° Wide, GU5.3 Base  
 10LED4012 = 10W 4000K, 12° Spot, GU5.3 Base  
 10LED4021 = 10W 4000K, 21° Narrow, GU5.3 Base  
 10LED4041 = 10W 4000K, 41° Wide, GU5.3 Base  
 10LED5712 = 10W 5700K, 12° Spot, GU5.3 Base  
 10LED5721 = 10W 5700K, 21° Narrow, GU5.3 Base  
 10LED5741 = 10W 5700K, 41° Wide, GU5.3 Base

**Voltage**  
 12 = 12 Volt Remote Transformer Required (not included)  
 120/12 = 120V to 12V Integral Transformer  
 230/12 = 230V to 12V Integral Transformer  
 240/12 = 240V to 12V Integral Transformer  
 277/12 = 277V to 12V Integral Transformer

**Finish**  
Painted  
 BK = Black  
 BZ = Bronze  
 CS = City Silver  
 VE = Verde  
 WT = White  
Premium Finishes  
 NBR = Natural Brass  
 NBZ = Natural Bronze  
 NCP = Natural Copper  
 NSS = Natural Stainless Steel

**Accessories**  
Filters  
 F71 = Peach Dichroic Filter, 2.00" Dia  
 F72 = Amber Dichroic Filter, 2.00" Dia  
 F73 = Green Dichroic Filter, 2.00" Dia  
 F74 = Medium Blue Dichroic Filter, 2.00" Dia  
 F75 = Yellow Dichroic Filter, 2.00" Dia  
 F76 = Red Dichroic Filter, 2.00" Dia  
 F77 = Dark Blue Dichroic Filter, 2.00" Dia  
 F78 = Light Blue Dichroic Filter, 2.00" Dia  
 F79 = Neutral Density Dichroic Filter, 2.00" Dia  
 F80 = Magenta Dichroic Filter, 2.00" Dia  
 F22 = Red Color Filter, 2.00" Dia  
 F33 = Blue Color Filter, 2.00" Dia  
 F44 = Green Color Filter, 2.00" Dia  
 F55 = Yellow Color Filter, 2.00" Dia  
 F66 = Mercury Vapor Color Filter, 2.00" Dia  
Optical Lenses  
 LSL = Linear Spread Lens (elongate standard beam spread), 2.00" Dia  
 OSL = Overall Spread Lens (increase beam spread), 2.00" Dia  
 DJF = Diffused Lens (provide even illumination), 2.00" Dia  
Optical Louver  
 LVR = Hex Cell Louver (reduce glare), 2.00" Dia

- Notes:**
- \* Integral Options Include 12V transformer.
  - \* See ACCESSORIES & TECHNICAL DATA section of the Lumière catalog for Mounting Accessories.
  - \* Consult your Cooper Lighting representative for additional options and finishes.