

DESCRIPTION

The Boca 650 is a tiny 3 5/8" diameter inground luminaire for use in concrete, brick, stone or dirt. The luminaire is patterned with single, dual or quadruple openings and provides a crisp, white light source for grazing or marking in constricted areas. Available in LED or Halogen(MR11 or T3 bi-pin lamp). LED is available in two wattages, four color temperatures and three different beam spread distributions. Also available as an inground fixed uplight. See Boca 650-RD.

Catalog #	Type
Project	
Comments	Date
Prepared by	

SPECIFICATION FEATURES

A ... Material

Recessed housing is constructed from injection molded, outdoor rated engineering thermoplastic. Trim and inner housing are die cast with corrosion resistant aluminum alloy. Premium materials are machined from solid stainless steel, copper, bronze or brass.

B ... Finish

Fixtures are double protected by a RoHS compliant chemical conversion undercoating and polyester powdercoat paint finish, surpassing the rigorous demands of the outdoor environment. A variety of standard colors are available.

C ... Gasket

Inner recessed housing and trim ring are sealed with a high temperature silicone, wrap around gasket to prevent water intrusion.

D ... Lens

Optical glass lens designed for horizontal throw.

E ... Hardware

Stainless steel hardware is standard to provide maximum corrosion resistance.

F ... Socket

Ceramic socket with 250° C Teflon® coated lead wires and G4 bi-pin base.

G ... Electrical

Remote 12V transformer required (not included). Available from Lumiere as an accessory - see the Accessories & Technical Data section of the catalog for details. NOTE: Initial power draw on LED equipped fixtures is 15 watts. When sizing transformer use 15 watts per LED fixture. Nominal power draw after start up is 6 watts or 10 watts accordingly. Also, LEDs are more voltage sensitive than standard halogen MR16 lamps. The LED module is designed to operate between 10 and 13 volts. Any less or more voltage can cause premature failures.

H ... Lamp

Halogen lamp not included. Available from Lumiere as an accessory. LED modules are included and are available in four color temperatures (2700, 3000, 4000, and 5700) with a spot distribution. Color temperature must be specified when ordering - see reverse side for details and catalog logic.

I ... Labels & Approvals

UL, cUL & CE listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard.

J ... Warranty

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

K ... Recessed Housing

Recessed housing is available to ship in advance of complete fixture for rough in purposes. Specify option -LBB and order separately recessed housing from below:

650-BB
recessed housing



BOCA
650-1, 2, 4

10W LED

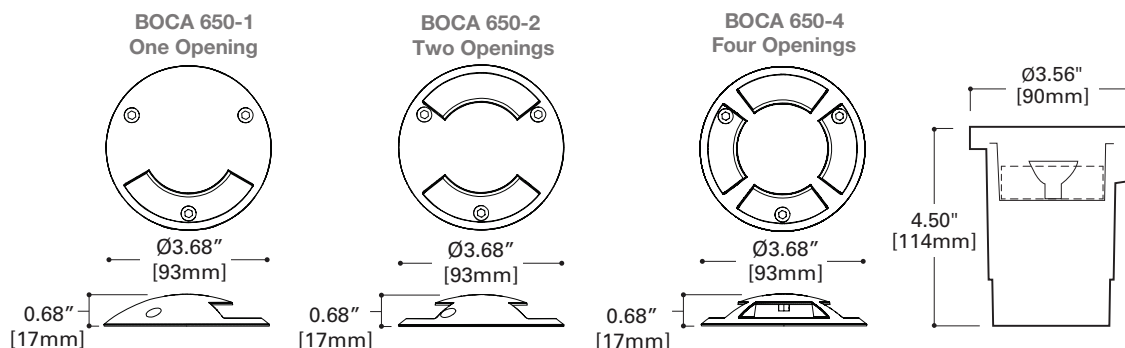
6W LED

20W (max.) T3

Halogen
Low Voltage

Inground

IP67



ORDERING INFORMATION

BOCA 650

Sample Number: 650-2-6LED4012-12-BZ

				12			
Series 650-1 = 3 11/16" Dia. Non Adjustable Boca Inground Single (1) Opening 650-2 = 3 11/16" Dia. Non Adjustable Boca Inground Dual (2) Opening 650-4 = 3 11/16" Dia. Non Adjustable Boca Inground Quadruple (4) Opening		Color Temperature (LED only) 27 = 2700K LED 30 = 3000K LED 40 = 4000K LED 57 = 5700K LED		Voltage 12 = 12V ¹		Finish <u>Painted</u> BK = Black BZ = Bronze CS = City Silver VE = Verde WT = White <u>Premium Material</u> NBR = Natural Brass NBZ = Natural Bronze NCP = Natural Copper NSS = Natural Stainless Steel	
		Distribution (LED only) 12 = 12° Spot				Options LBB = Less Back Box (Order 650-BB recessed housing separately)	
Source 20MR11 = 12V MR11 20W max. GU4 (lamp not included) 6LED = 6W LED GU5.3 10LED = 10W LED GU5.3							

Notes: 1. Remote 12V transformer required (not included).
 Available from Lumiere as an accessory. See ACCESSORIES
 & TECHNICAL DATA section of the Lumiere catalog for Low
 Voltage Cable & Transformers.