

Project		Catalog #		Type	
Prepared by		Notes		Date	



Lumière

BOCA 650-RD

LED / Halogen
Ground-Mount
Recessed

Typical Applications

• Hospitality • Commercial Landscape • Outdoor Area/Site • Residential
• Architectural

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Product Certification



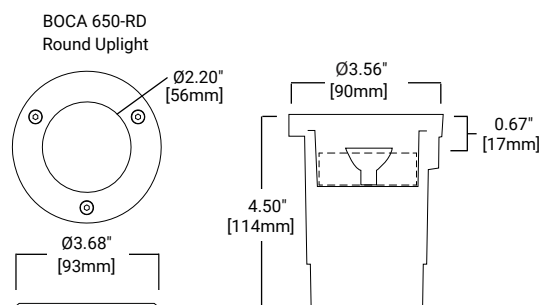
Product Features



Top Product Features

- Available as a fixed uplight or marker light with 1, 2 or 4 openings
- Corrosion-proof, thermoplastic, recessed housing
- Die-cast aluminum inner housing
- Die-cast aluminum or machined brass, bronze or stainless steel trim
- Three-year warranty

Dimensions



TECHNICAL DATA
 8W LED
 20W (max.) T3
 Low Voltage

Order Information

SAMPLE ORDER NUMBER: 650-RD-8LED3010-12-BZ

Series	Source (for LED, select from each column and combine)			Voltage	Finish	Options
Series	Source (for LED, select from each column and combine)			Voltage	Finish ⁽¹⁾	Options
650-RD=3 11/16" Dia. Non-Adjustable Boca Inground Round Uplight	20MR11=12V MR11 20W max. GU4 (lamp not included)			12=12 Volt - Remote 12V transformer required (not included)	Painted BK=Black BZ=Bronze CS=City Silver VE=Verde WT=White	LBB=Less Back Box (order 650-BB recessed housing separately)
	8LED=8W LED	27=2700K 30=3000K 40=4000K*	10=10° Spot 25=25° Narrow 36=10° Wide			
Notes	Notes			Notes	Notes	Notes
	* Not Title 20 compliant.				(1) Consult factory for premium / natural metals material finish.	

Product Specifications

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

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

Gasket

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

Lens

- Minimum 1/3" thick tempered glass lens sealed to prevent water intrusion and breakage due to thermal shock

Hardware

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

Socket

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

Electrical

- Remote 12V transformer required (not included)
- Initial power draw on LED equipped fixtures is 12 watts
- When sizing transformer use 12 watts per LED fixture
- Nominal power draw after start up is 8 watts
- LEDs are more voltage sensitive than standard halogen MR16 lamps
- The LED module is designed to operate within the range 12V+/- 1.2V
- Any less or more voltage can cause premature failures.

Lamp

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

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 650-BB

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

* For natural bronze ROHS material consult factory.

TECHNICAL INFORMATION

- Dimming is dependant on remote transformer compatibility with LED module. Please see compatibility matrix for dimmer switch and transformer selection.
- When using a magnetic dimmer switch there are two recommended LED compatible 120V magnetic dimming switches:
Lutron Ariadni AVLV-600P and Lutron Diva DVLV-600P