

DESCRIPTION

The Boca 613 is a tiny 4-1/2" diameter inground fixture for use with a low voltage MR16 lamp. The adjustable lamp assembly provides up to 22° vertical tilt and 360° horizontal rotation for precision uplighting, wall washing or general illumination in constricted areas. Designed for recess mounting in concrete, brick, stone or dirt it is suitable drive-over applications.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

Material

Recessed housing is constructed from corrosion-resistant stainless steel. Trim ring is precision-machined from corrosion-resistant 6061-T6 aluminum, solid brass or solid bronze.*

Finish

Solid brass and stainless steel parts are natural finish. Painted surfaces are double protected by a chromate conversion undercoating and a thermoplastic polyester powder coat for mar-resistance and extended weatherability. Options to meet Buy American Act requirements.

Gasket

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

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.

Hardware

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

Socket

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

Electrical

Remote 12V transformer required (not included). Available from Lumière as an accessory - see the Accessories & Technical Data section of this catalog for details. Bottom of fixture includes two 1/2-14 NPSM brass female conduit fittings for through wiring. Fixture also includes built-in wiring compartment.

Lamp

Not included. Sora lamp compatible (10W Max).

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.

Recessed Housing

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

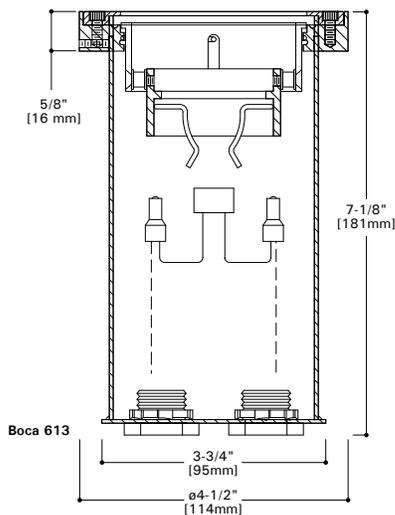
613-xx-BB
recessed housing;

NOTE: replace xx with desired finish- BK, BZ, CS, VE, WT, NBR, or NBZ



613
BOCA
HALOGEN

APPLICATIONS:
GROUND-MOUNT
RECESSED



CERTIFICATION DATA
UL and cUL Wet Location Listed
ISO 9001-2000
LM79 / LM80 Compliant
ROHS* Compliant
IP66 Ingressed Protection Rated

TECHNICAL DATA
50W (max.) MR16
Low Voltage

ORDERING INFORMATION

Sample Number: 613-35MR16-12-BZ-LBB

Domestic Preferences ¹	Series	Source	Voltage	Finish ³	Options
[Blank]=Standard BAA=Buy American Act	613=4 1/2" dia. Adjustable 22° Vertical Tilt 360° Horizontal Rotation Boca Inground	35MR16=35W Max. Halogen MR16, GU5.3 Base 50MR16=50W Max. Halogen MR16, GU5.3 Base	12=12V	Painted BK=Black BZ=Bronze CS=City Silver VE=Verde WT=White	LBB=Housing Shipped in Advance (select LBB option and order -BB Back Box Recessed Housing separately)

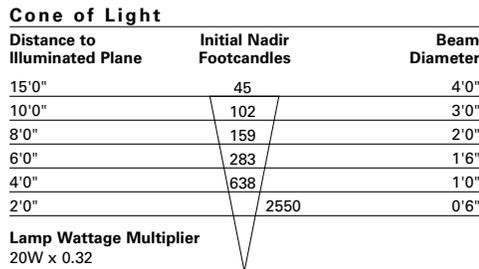
1 Only product configurations with this designated prefix are built to be compliant with the Buy American Act of 1933 (BAA). Please refer to [DOMESTIC PREFERENCES](#) website for more information. Components shipped separately may be separately analyzed under domestic preference requirements. 2. Accessories sold separately will be separately analyzed under domestic preference requirements. Consult factory for further information. 3. Consult factory for premium/natural metals material finish.

ACCESSORIES - ORDER SEPARATELY ²

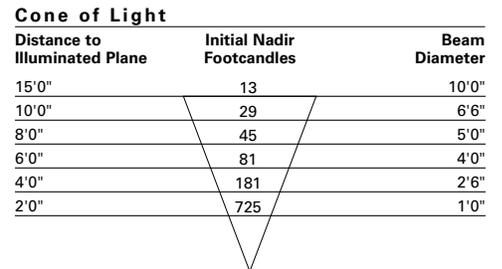
Filters (2.00" Diameter)	Optical Lenses (2.00" Diameter)	Optical Louvers (2.00" Diameter)
F71 = Peach Dichroic F72 = Amber Dichroic F73 = Green Dichroic F74 = Medium Blue F75 = Yellow Dichroic F76 = Red Dichroic F77 = Dark Blue Dichroic F78 = Light Blue Dichroic F79 = Neutral Density Dichroic F80 = Magenta Dichroic F22 = Red Color F33 = Blue Color F44 = Green Color F55 = Yellow Color F66 = Mercury Vapor	LSL =Linear Spread Lens (elongates standard beam spread) DIF =Diffused Lens (provides even illumination) OSL =Overall Spread Lens (increases standard beam spread)	LVR =45° Hex Cell Louver (reduces glare)

PHOTOMETRIC DATA

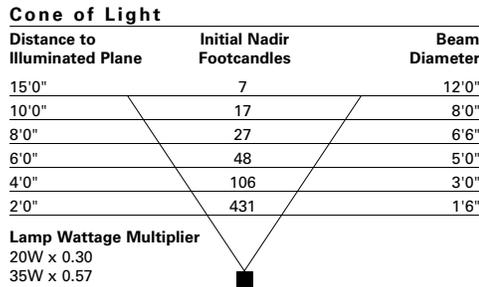
Boca 613
 Lamp=50MR16/NSP
 (EXT)
 CBCP=11,000



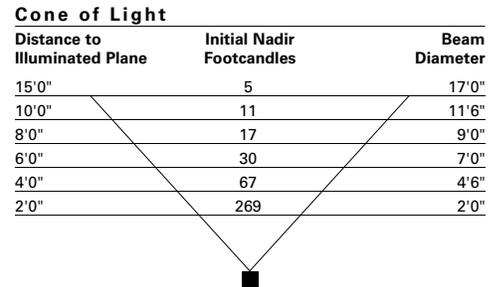
Boca 613
 Lamp=50MR16/NFL
 (EXZ)
 CBCP=3200



Boca 613
 Lamp=50MR16/FL
 (EXN)
 CBCP=2000



Boca 613
 Lamp=50MR16/WFL
 (FNV)
 CBCP=1200



LAMP INFORMATION

Lamp	ANSI Code	Watts	Beam Spread	CBCP	°K	Life (hrs.)	Base	Volts
50MR16/NSP	EXT	50	12°	11,000	3050	4000	GU5.3 bi-pin	12
50MR16/NFL	EXZ	50	25°	3200	3050	4000	GU5.3 bi-pin	12
50MR16/FL	EXN	50	40°	2000	3050	4000	GU5.3 bi-pin	12
50MR16/WFL	FNV	50	60°	1200	3050	4000	GU5.3 bi-pin	12
35MR16/SP	FRA	35	20°	3900	3000	4000	GU5.3 bi-pin	12
35MR16/FL	FMW	35	40°	1000	3000	4000	GU5.3 bi-pin	12

NOTE: Inferior quality lamps may adversely affect the performance of this product. Use only name brand lamps from reputable lamp manufacturers.

TECHNICAL INFORMATION

- Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
- Footcandle values are initial. Apply appropriate light loss factors where necessary.
- Bare lamp data shown. Consult lamp manufacturers to obtain detailed specifications for their lamps.