Lumière

DESCRIPTION

The Boca 612 is a tiny 4-1/2" diameter inground fixture for use with a 120V line voltage PAR20 halogen lamp. The non-adjustable beam provides a crisp, white halogen light source for grazing or uplighting in constricted areas. Designed for recess mounting in concrete, brick, stone or dirt it is suitable for 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.

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 medium base.

Electrical
Operates with 120V line voltage. Bottom of fixture includes two 1/2-14 NPSM brass female conduit fittings for through wiring. Fixture also includes built-in wiring compartment.

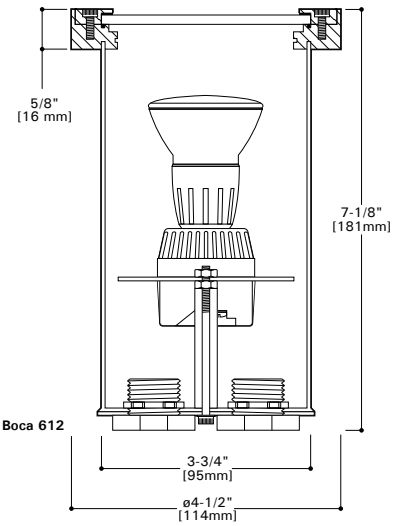
Lamp
Not included. Soraa compatible.

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:

612-xx-BB
recessed housing;

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



612
BOCA
HALOGEN

APPLICATIONS:
GROUND-MOUNT
RECESSED

WORKS WITH SORAA

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

TECHNICAL DATA
50W (max.) PAR20
Line Voltage

ORDERING INFORMATION

Sample Number: 612-35PAR20-120-BZ-LBB

Series	Source	Voltage	Finish [2]	Options
612=4 1/2" dia. Non-Adjustable Boca Inground	**35PAR20**=35W Max. Halogen PAR20, Medium Base **50PAR20**=50W Max. Halogen PAR20, Medium Base	**120**=120V	**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)

NOTES: 1) For natural bronze ROHS material consult factory. 2) Consult factory for premium/natural metals material finish.

ACCESSORIES - ORDER SEPARATELY

Filters (2.00" Diameter)	Filter Holder
F71-20 = Peach Dichroic **F72-20** = Amber Dichroic **F73-20** = Green Dichroic **F74-20** = Medium Blue **F75-20** = Yellow Dichroic **F76-20** = Red Dichroic **F77-20** = Dark Blue Dichroic **F78-20** = Light Blue Dichroic **F79-20** = Neutral Density Dichroic **F80-20** = Magenta Dichroic **F22-20** = Red Color **F33-20** = Blue Color **F44-20** = Green Color **F55-20** = Yellow Color **F66-20** = Mercury Vapor	**LH20**=PAR20 Size Filter Holder with Hex Cell Louver

PHOTOMETRIC DATA

Boca 612
Lamp=50PAR20/NSP
CBCP=5000

Cone of Light

Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
25'0"	8	10'0"
20'0"	13	8'0"
15'0"	23	6'0"
12'0"	35	5'0"
10'0"	51	4'0"
8'0"	80	3'0"

Lamp Wattage Multiplier
35W x 0.6

Boca 612
Lamp=50PAR20/NFL
CBCP=1400

Cone of Light

Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
25'0"	2	20'0"
20'0"	3	16'0"
15'0"	6	12'0"
12'0"	9	9'6"
10'0"	13	8'0"
8'0"	20	6'6"

Lamp Wattage Multiplier
35W x 0.64

LAMP INFORMATION

Lamp	ANSI Code	Watts	Beam Spread	CBCP	°K	Life (hrs.)	Base	Volts
50PAR20/NSP	---	50	9°	5000	---	2000	medium	120
50PAR20/NFL	---	50	30°	1400	---	2000	medium	120

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.