



Lighting



AFFORDABLE • BEAUTIFUL • RELIABLE



Lighting

ABR Lighting is a leading manufacturer of landscape, architectural and other premium lighting products. We have a heritage of product quality and commitment to our customers. Our solid brass fixtures are the industry's most durable, reliable and highest performing products on the market. Brass fixtures are the ideal choice for your residential or commercial project.

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Costa Smart

NEW RELEASE

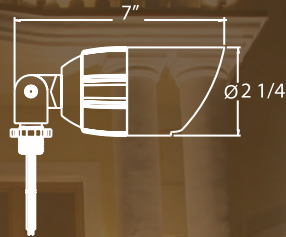
Directional / Spot Light

COSTA SMART DIRECTIONAL LIGHT RGBW BLUETOOTH CONTROLLED

SPECIFICATIONS

**12V AC/DC 10 WATT RGBW
400 Lumens**

- Built with premium solid brass.
- IP Rated Double O Ring BNC shroud and Body
- It is a durable, adjustable fixture
- Comes with a changeable LED CREE module
- Interchangeable lens that allows the beam spread to be 24, 38 or 60 degrees
- Integrated external mesh repeater and antenna
- The Lighting element is capable of 16.7 Million different colors



MOUNTING - OPTIONS (Not Included)





Costa

ADL-01 SW

Directional / Spot Light

SPECIFICATIONS

Material: Solid Brass Body

Finish: Antique Brass

Lamp Type: MR16 Not Included (LED Optional)

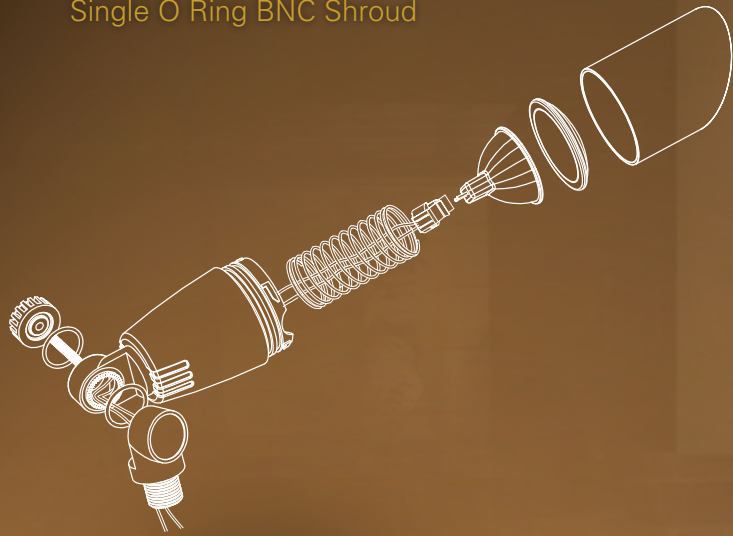
Wire: 4' Lead 16/2 Gauge

Ground Stake Stabilizer: Stake B

Lens: Clear Convex (tempered)

Dimensions: 5 1/4" L x 2 1/8" Dia

Single O Ring BNC Shroud



Da Vinci

ADL-02

Directional / Spot Light

SPECIFICATIONS

Material: Solid Brass Body

Finish: Antique Brass

Lamp Type: MR16 Not Included (LED Optional)

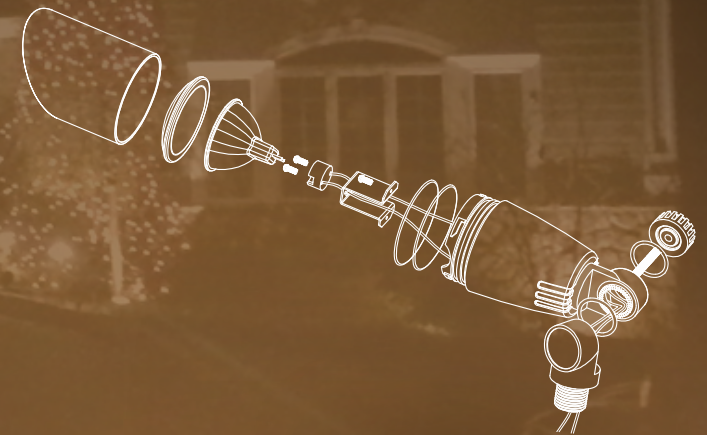
Wire: 25' Lead 16/2 Gauge

Ground Stake Stabilizer: Stake B

Lens: Clear Convex (Tempered)

Dimensions: 7 1/8" L x 2 1/2" Dia

Double O Ring BNC Shroud



Lombardo

ADL-03

Directional / Spot Light

SPECIFICATIONS

Material: Solid Brass Body

Finish: Antique Brass

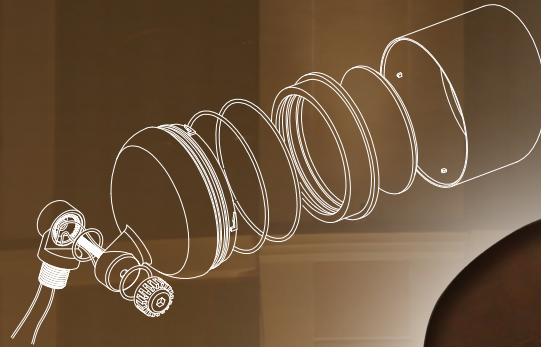
Lamp Type: PAR36 Screw Terminal (not included)
50W Max (LED Optional)

Wire: 4' or 25' Lead 16/2 Gauge

Ground Stake Stabilizer: Stake A

Lens: Clear (Tempered)

Dimensions: 4 3/4" L x 4 3/4" Dia



Lombardo LS

ADL-03-LS

Material: Solid Brass Body

Finish: Antique Brass

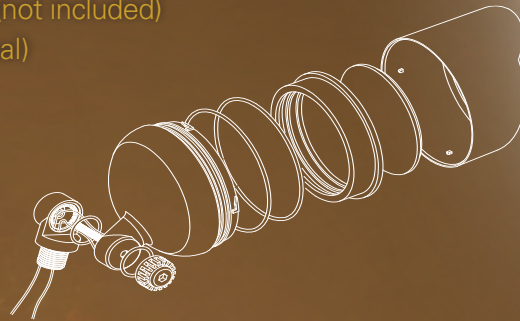
Lamp Type: PAR36 Screw Terminal (not included)
50W Max (LED Optional)

Wire: 25' Lead 16/2 Gauge

Ground Stake Stabilizer: Stake A

Lens: Clear (Tempered)

Dimensions: 7 1/4" L x 4 3/4" Dia



Hilliard

ADL-04

Directional / Spot Light

SPECIFICATIONS

Material: Solid Brass Body

Finish: Antique Brass

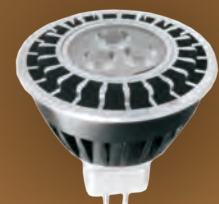
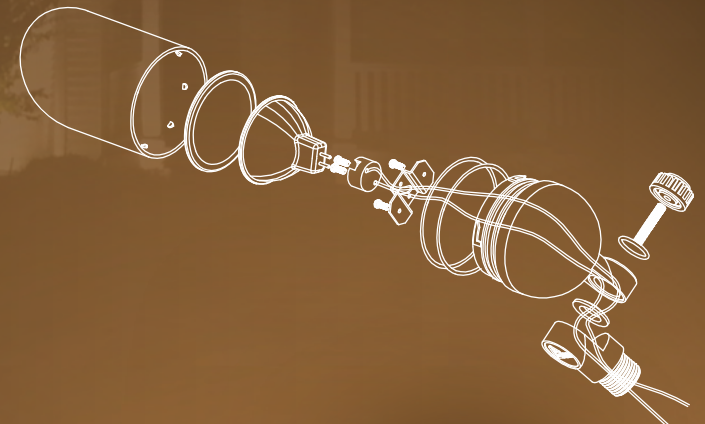
Lamp Type: MR16 Not Included (LED Optional)

Wire: 25' Lead 16/2 Gauge

Ground Stake Stabilizer: Stake B

Lens: Clear Convex (Tempered)

Dimensions: 4 3/4" L x 2 1/2" Dia



Donatello

ADL-05 SW

Directional / Spot Light

SPECIFICATIONS

Material: Solid Brass Body

Finish: Antique Brass

Lamp Type: MR16 Not Included (LED Optional)

Wire: 4' Lead 16/2 Gauge

Ground Stake Stabilizer: Stake B

Lens: Clear Convex (Tempered)

Dimensions: 6" L x 2 3/4" Dia

DONATELLO D-Cast

ADL-05-DCAST

Material: Solid Brass Body

Finish: Antique Brass

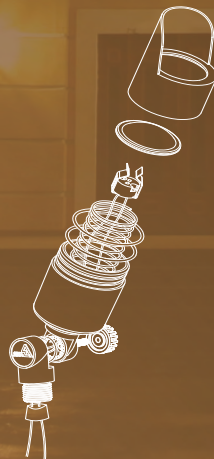
Lamp Type: MR16 lamp (not included)

Wire: 25' Lead 16/2 Gauge

Ground Stake Stabilizer: Stake B

Lens: Clear (Tempered)

Dimensions: 6" L x 2 3/4" Dia



Quarton

ADL-06

Directional / Spot Light

SPECIFICATIONS

Material: Solid Brass Body

Finish: Antique Brass

Lamp Type: MR11 Not Included (LED Optional)

Wire: 10' Lead 16/2 Gauge

Available in 4' to 25' Lead 16/2 Gauge

Ground Stake Stabilizer: Stake B

Lens: Clear (Tempered)

Dimensions: 3 3/4" L x 1 3/4" Dia



Quarton White

Part number: ADL-06-WHT



Rubens-R

FDL-01-R

Flood Light

SPECIFICATIONS

Material: Solid Brass Body

Finish: Antique Brass

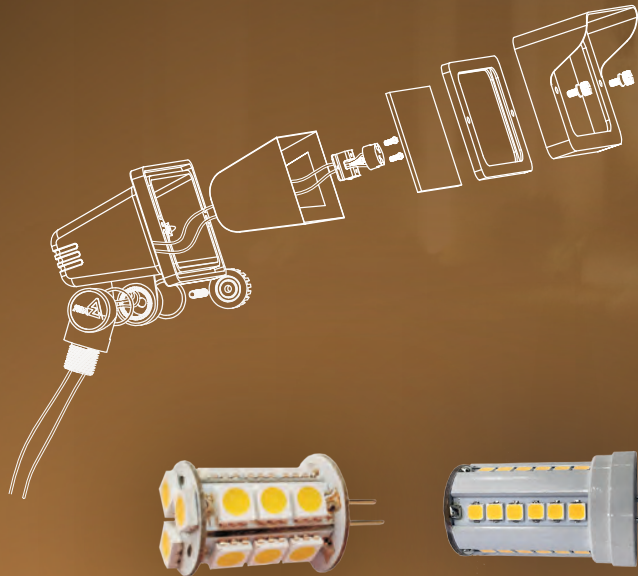
Lamp Type: JC G4 or MR11, MR16
50W Max. (LED Optional)

Wire: 4' or 25' Lead 16/2 Gauge

Ground Stake Stabilizer: Stake A

Lens: Clear, Frosted, Linear (Tempered)

Dimensions: 5 1/2" Depth x 5 1/8" W x 3 1/2" H



Raphael-R

FDL-02-R

Mini Flood Light

SPECIFICATIONS

Material: Solid Brass Body

Finish: Antique Brass

Lamp Type: G4 Not Included (LED Optional)

Wire: 25' Lead 16/2 Gauge

Ground Stake Stabilizer: Stake B

Lens: Clear, Frosted, Linear (Tempered)

Dimensions: 2 5/8" Depth x 4" H



Michelangelo

UL-01

Well / Up Light

SPECIFICATIONS

Material: Solid Brass Grate, PVC Composite Well

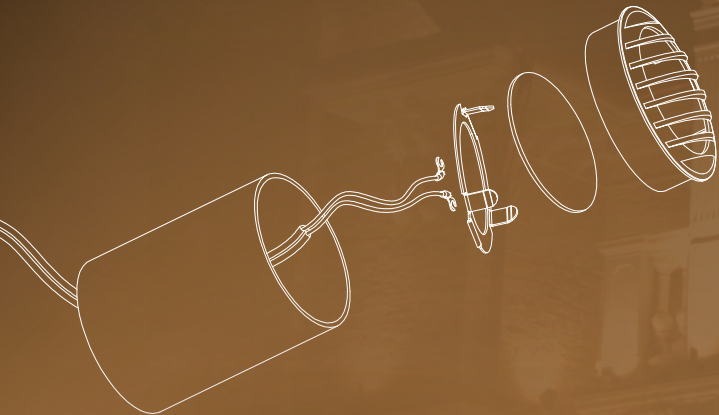
Finish: Antique Brass/Black

Lamp Type: PAR36 / AR111 (not included)
RGBW LED Optional

Wire: 4' or 25' Lead 16/2 Gauge

Lens: Clear (Tempered)

Dimensions: 6 1/4" Dia x 8" H



Mantegna

UL-02

Well / Up Light

SPECIFICATIONS

Material: Solid Brass Grate, PVC Composite Well

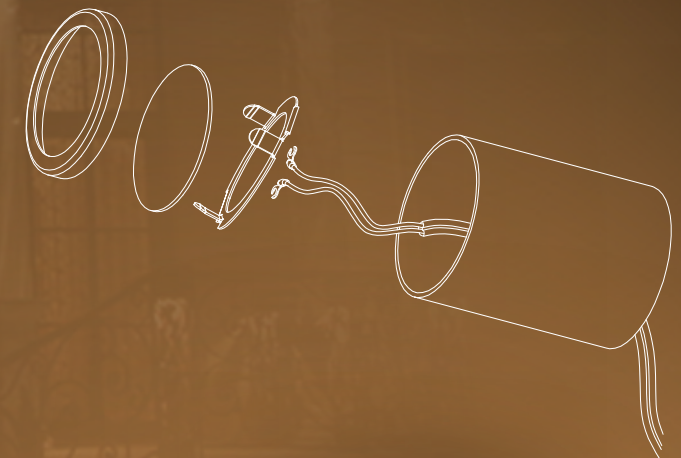
Finish: Antique Brass/Black

Lamp Type: PAR36 / AR111 (not included)
RGBW LED Optional

Wire: 25' Lead 16/2 Gauge

Lens: Clear (Tempered)

Dimensions: 5 3/4" Dia x 7 1/16" H



Monaco

UL-03

Well / Up Light

SPECIFICATIONS

Material: Solid Brass Body,
PVC Body Shroud included

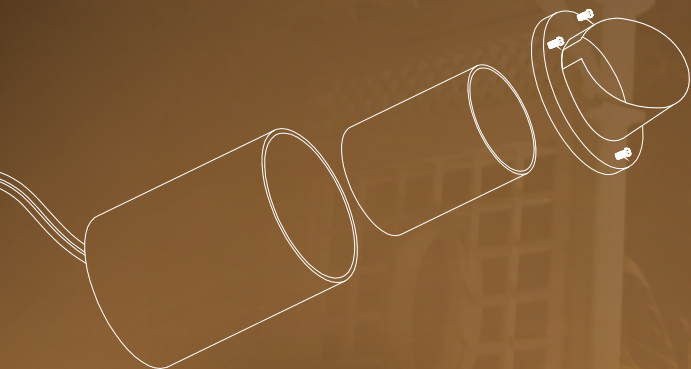
Finish: Antique Brass

Lamp Type: MR16 (LED Optional)

Wire: 25' Lead 16/2 Gauge

Lens: Clear (Tempered)

Dimensions: 3 3/4" Dia x 4 7/8" H



Titian

UL-04

Well / Up Light

SPECIFICATIONS

Material: Solid Brass Body,
PVC Body Shroud included

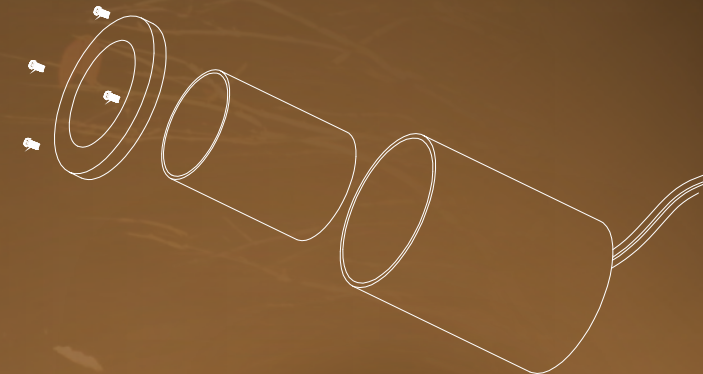
Finish: Antique Brass

Lamp Type: MR16 (LED Optional)

Wire: 25' Lead 16/2 Gauge

Lens: Clear (Tempered)

Dimensions: 3 3/4" Dia x 4 7/8" H



Botticelli

UL-05

Well / Up Light

SPECIFICATIONS

Material: Solid Brass Body,
PVC Body Shroud included

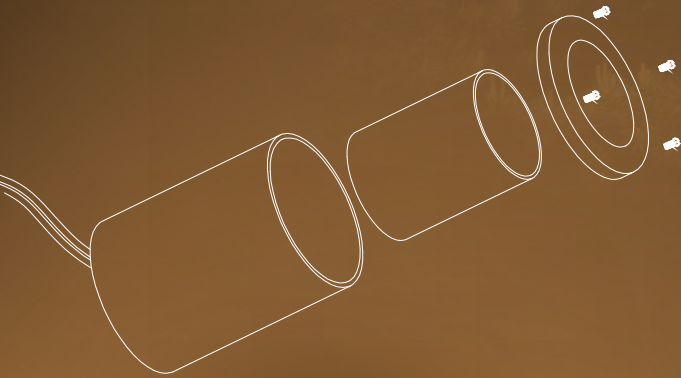
Finish: Antique Brass

Lamp Type: MR16 (LED Optional)

Wire: 25' Lead 16/2 Gauge

Lens: Clear (Tempered)

Dimensions: 3 3/4" Dia x 4 7/8" H



El Greco Well

UL-06

Well / Up Light

SPECIFICATIONS

Material: Solid Brass Body,
PVC Body Shroud included

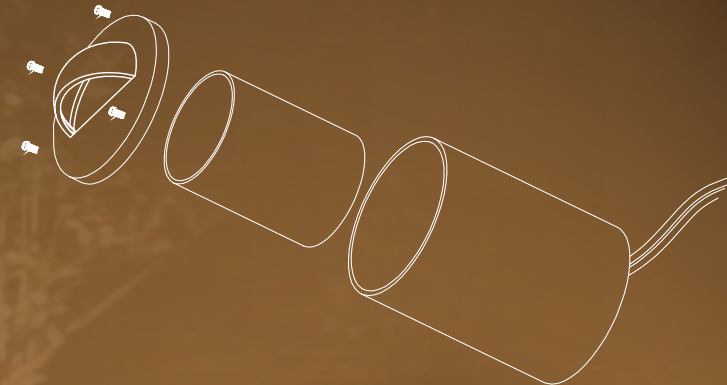
Finish: Antique Brass

Lamp Type: MR16 (LED Optional)

Wire: 25' Lead 16/2 Gauge

Lens: Clear (Tempered)

Dimensions: 3 3/4" Dia x 4 7/8" H



Dossi

APL-01

Area / Path Light

SPECIFICATIONS

Material: Solid Brass Body

Finish: Antique Brass

Lamp Type: JC G4 Not Included (LED Optional)

Wire: 4' or 25' Lead 16/2 Gauge

Ground Stake Stabilizer: Stake A

Lens: Clear, Frosted (Tempered)

Dimensions: 8" Dia x 24" H

Available Stem size: 3", 11", 15", (Standard size),
24", 36", 48", 60"



with 60" stem



Stoss

APL-02

Area / Path Light

SPECIFICATIONS



Hat available in 12"



Material: Solid Brass Body
Finish: Antique Brass
Lamp Type: JC G4 Not Included (LED Optional)
Wire: 4' or 25' Lead 16/2 Gauge
Ground Stake Stabilizer: Stake A
Lens: Clear, Frosted (Tempered)
Dimensions: 6 3/4" Dia x 23" H
Available Stem size: 3", 11", 15", 18" (Standard size), 24", 36", 48", 60"



Stoss-S

APL-02-S

Material: Solid Brass Body
Finish: Antique Brass
Lamp Type: JC G4 Not Included (LED Available)
Wire: 4' or 25' Lead 16/2 Gauge
Ground Stake Stabilizer: Stake A
Lens: Clear, Frosted (Tempered)
Dimensions: 4 3/4" Dia x 23" H
Available Stem size: 3", 11", 15", 18" (Standard size), 24", 36", 48", 60"

Vasari

APL-03

Area / Path Light

SPECIFICATIONS

Material: Solid Brass Body

Finish: Antique Brass

Lamp Type: JC G4 Not Included (LED Optional)

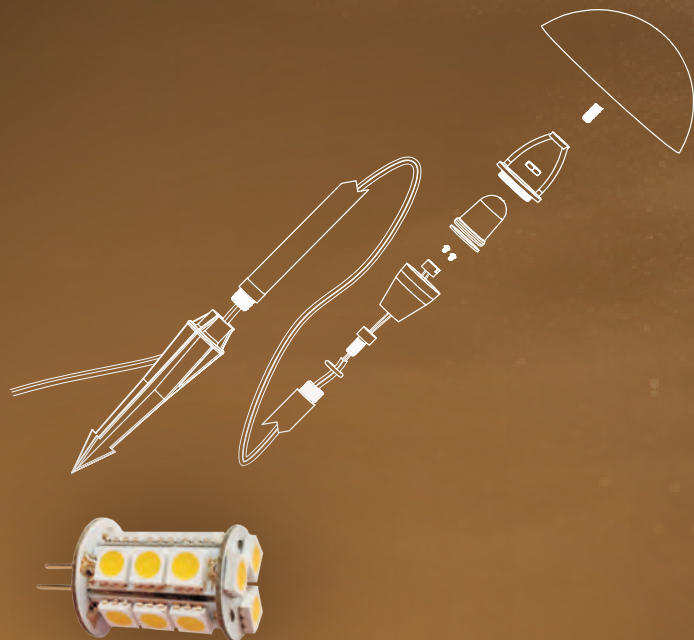
Wire: 4' or 25' Lead 16/2 Gauge

Ground Stake Stabilizer: Stake A

Lens: Clear, Frosted (Tempered)

Dimensions: 6" Dia x 23" H

Available Stem size: 3", 11", 15", **18"** (Standard size),
24", 36", 48", 60"



with 60" stem

Matteo

APL-04

Area / Path Light

SPECIFICATIONS

Material: Solid Brass Body

Finish: Antique Brass

Lamp Type: JC G4 Not Included (LED Optional)

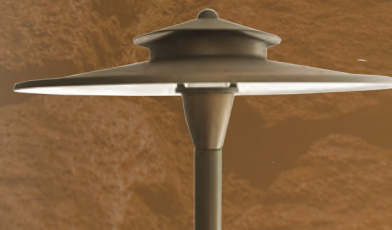
Wire: 4' or 25' Lead 16/2 Gauge

Ground Stake Stabilizer: Stake A

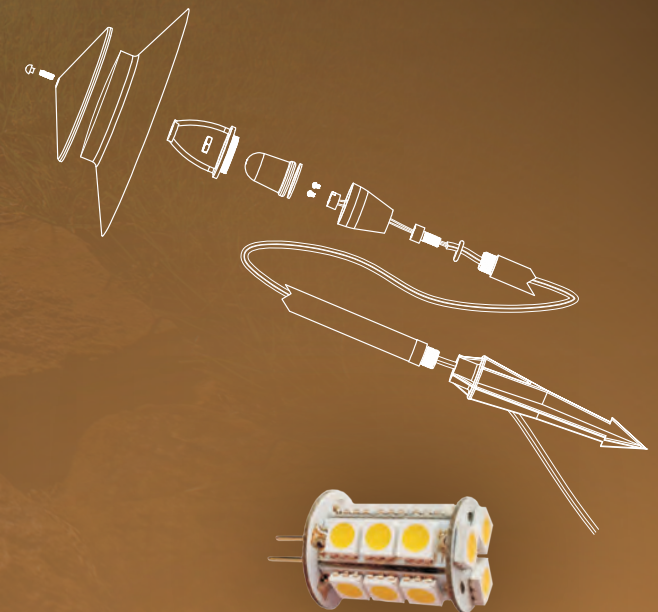
Lens: Clear, Frosted (Tempered)

Dimensions: 8 1/2" Dia x 23" H

Available Stem size: 3", 11", 15", 18" (Standard size),
24", 36", 48", 60"



Hat available in 12"



Duvel

APL-05

Area / Path Light

SPECIFICATIONS

Material: Solid Brass Body

Finish: Antique Brass

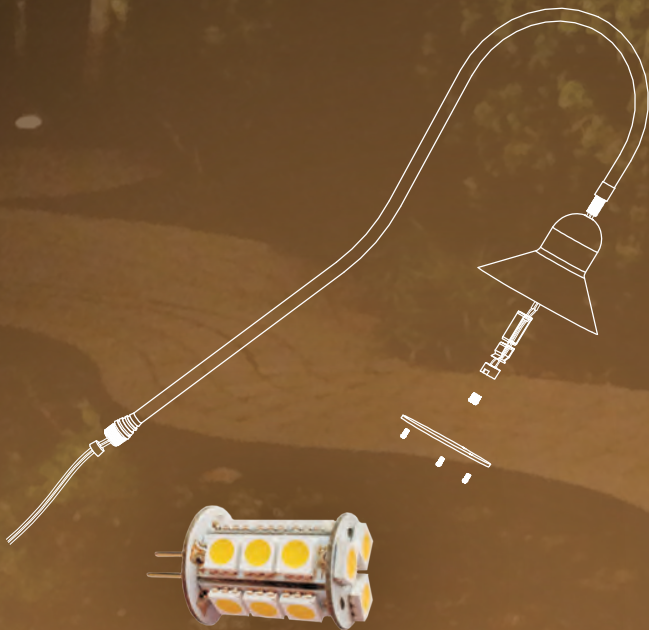
Lamp Type: JC G4, MR8 or MR11 Not Included
35W Max (LED Optional)

Wire: 25' Lead 16/2 Gauge

Ground Stake Stabilizer: Stake A

Lens: Clear, Frosted (Tempered)

Dimensions: 5 3/8" Dia x 24" H

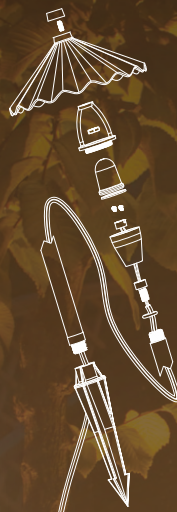


Goya

APL-06

Area / Path Light

SPECIFICATIONS



Material: Solid Brass Body
Finish: Antique Brass
Lamp Type: JC G4 Not Included (LED Optional)
Wire: 4' or 25' Lead 16/2 Gauge
Ground Stake Stabilizer: Stake A
Lens: Clear, Frosted (Tempered)
Dimensions: 7" Dia x 23" H
Available Stem size: 3", 11", 15", **18"** (Standard size), 24", 36", 48", 60"

Luna

APL-07-L

Material: Solid Brass Body
Finish: Antique Brass
Lamp Type: JC G4 Not Included (LED Optional)
Wire: 6' Lead 18/2 Gauge
Lens: Clear, Frosted (Tempered)
Dimensions: 1" x 1" x 21^{1/4}" H



Tiki

Area / Path Light

SPECIFICATIONS

Material: Solid Brass Body

Finish: Antique Brass

Lamp Type: JC G4 bi-pin LED Cree Not Included
(available in 3W, 4W and 5W)

Wire: 25' Lead 16/2 Gauge

(Optional Stake C) also available with brass cap

Dimensions: 7 1/2" Dia x 60" or 72" overall



60"



Adjustable
Stem 17"-24"

12 Volt LED Bollard

Area / Path Light

SPECIFICATIONS

Material: Solid Teak wood, anodized aluminium lamp casing

Base: Stainless Steel Mounting Plate

Lamp Type: MR8, LED (optional)

Not for use with halogen bulbs

Rated Voltage: 12V AC/DC

IP: 44

Dimensions: 3 5/8" Diameter x 23 3/4" H



B-WT-95/600



- Enhances Beauty And Value
- Promotes Safety And Security
- Maximizes Your Outdoor Space
- Long Life System



El Greco

SDL-01

Step / Deck Light

SPECIFICATIONS

Material: Solid Brass Body

Finish: Antique Brass

Lamp Type: JC G4 Not Included (LED Optional)

Wire: 10' Lead 16/2 Gauge

Lens: Clear (Tempered)

Dimensions: 2" Depth x 3 3/4" Dia



El Greco White
Part number: SDL-01 White



Matisse 5

SDL-02-05

Step / Deck Light

SPECIFICATIONS

Material: Solid Brass Body
Finish: Antique Brass
Lamp Type: JC G4 or MR11, 16 Not Included
(LED Optional)
Wire: 10' Lead 16/2 Gauge
Lens: Frosted (Tempered)
Dimensions: 3 3/4" Depth x 6" W x 3" H

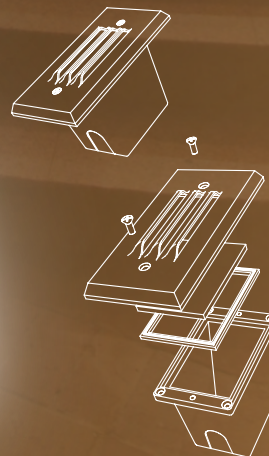
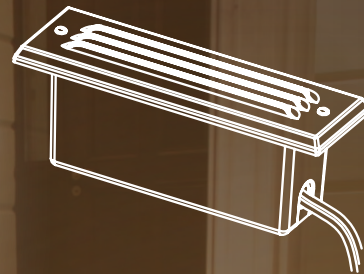
Matisse 8 SDL-02-8

Material: Solid Brass Body
Finish: Antique Brass
Lamp Type: JC G4 or MR11, 16 Not Included
(LED Optional)
Wire: 10' Lead 16/2 Gauge
Lens: Frosted (Tempered)
Dimensions: 3 3/4" Depth x 9 1/2" W x 3" H



Matisse Skinny SDL-02-S

Material: Solid Brass Cover/Grate
Aluminum Plate/LED Module CREE
Wattage: 1,5W Voltage 12V
Flux: 220 LM
Beam Spread: 120 degrees
Dimensions: 5/8" Depth x 5 7/8" W x 2 3/4" H



Monet-7 Smart

SDL-03-7-S

NEW RELEASE

Step / Deck Light



Bluetooth CCT Controllable

RGBW



SPECIFICATIONS

Material: Solid Brass Body with
Stainless Steel Brackets

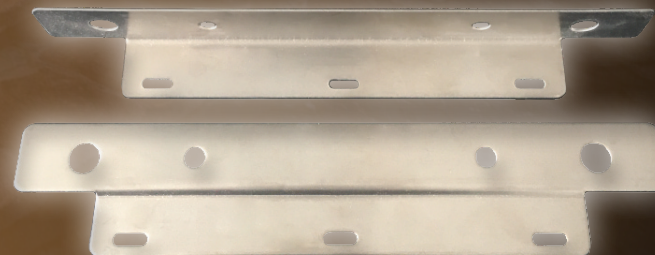
Finish: Antique Brass

Wattage: 1-4W

Beam Spread: 180°

Voltage: 9-15V

Dimensions: 1.06" Depth x 7" W x 1.26" H





Monet 5

SDL-03-05

Step / Deck Light

SPECIFICATIONS

Material: Solid Brass Body

Finish: Antique Brass

Lamp Type: JC G4 Not Included (LED Optional)

Wire: 10' Lead 16/2 Gauge

Lens: Frosted (Tempered)

Dimensions: 3 5/8" Depth x 5" W x 1 1/8" H



Monet 8

SDL-03-8

Material: Solid Brass Body

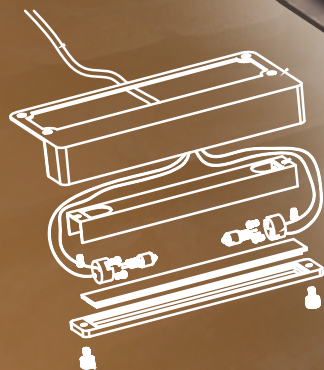
Finish: Antique Brass

Lamp Type: 2pcs - JC G4 Not Included (LED Optional)

Wire: 10' Lead 16/2 Gauge

Lens: Frosted (Tempered)

Dimensions: 3 5/8" Depth x 8" W x 1 1/8" H



MONET 7 Replaceable SDL-05-7

Step / Deck Light

SPECIFICATIONS

Material: Solid Brass Body, Stainless Steel Plate

Finish: Antique Brass

Lamp Type: LED Module 2 Watt
or LED Module 4 Watt

Wire: 10' 16/2 Gauge

Lens: Frosted

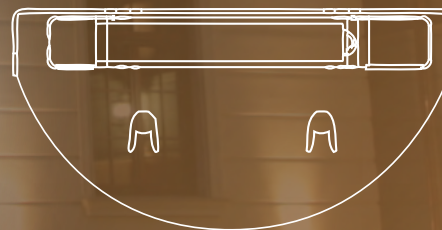
Dimensions: 3 5/8" Depth x 7" W x 1 1/8" H



Replaceable LED Module
available in: 2W and 4W



LED Module available in:
0.5W, 2W and 5W module



Monet Skinny SDL-04

Material: Stainless Steel #304

Finish: Available color in Brass, White, Gray or Beige



Lamp Type: LED Module 0.5 Watt CREE 2700K
LED Module 2 Watt CREE 2700K
LED Module 5 Watt CREE 2700K

Wire: 6' 18/2 Gauge

Lens: Plastic Casing

Dimensions: 5/8"(H) x 6 1/8" (W) x 3 1/4" (D)

Provost

DL-01

Down / Surface Mount Light

SPECIFICATIONS

Material: Solid Brass Body

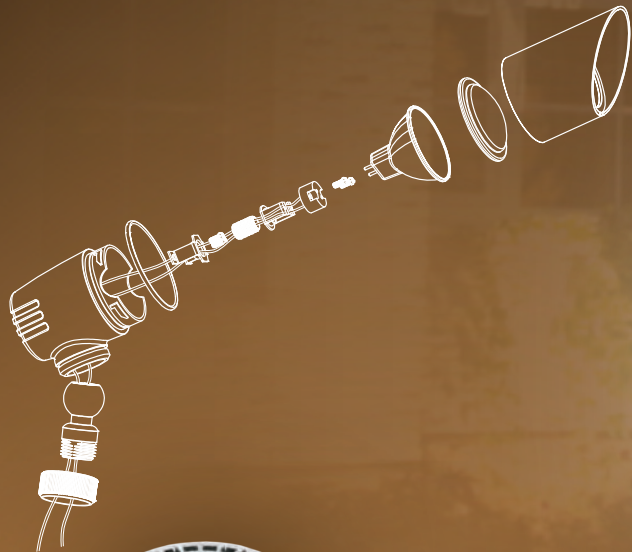
Finish: Antique Brass

Lamp Type: MR16 Not Included (LED Optional)

Wire: 25' Lead 16/2 Gauge

Lens: Clear Convex (Tempered)

Dimensions: 5 1/4" L x 2 1/4" Dia



Pontormo

DL-02

Down / Surface Mount Light

SPECIFICATIONS

Material: Solid Brass Body

Finish: Antique Brass

Lamp Type: MR16 Not Included (LED Optional)

Wire: 25' Lead 18/2 Gauge

Lens: Clear (Tempered)

Dimensions: 9 1/2" L x 2 1/4" Dia



Fontana 7

UDL-01/7

Down / Surface Mount Light

SPECIFICATIONS

Material: Solid Brass Body

Finish: Antique Brass

Lamp Type: 2pcs - MR16 Not Included
(LED Optional)

Wire: 25' Lead 16/2 Gauge

Lens: Clear (Tempered)

Dimensions: 3 1/8" Depth x 2 1/2" Dia x 7" H

Fontana 5

UDL-01/5

Material: Solid Brass Body

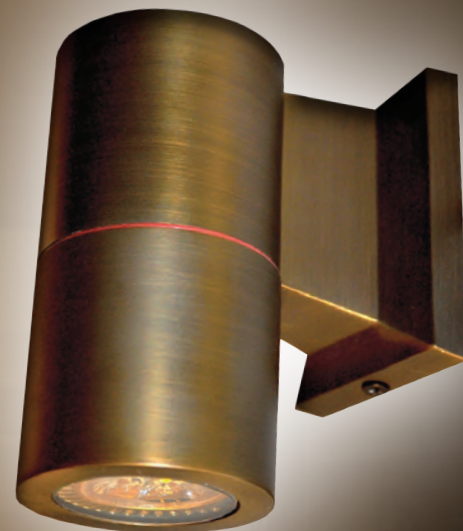
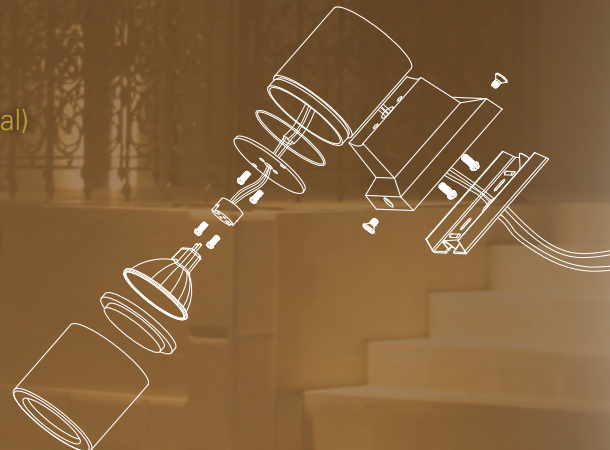
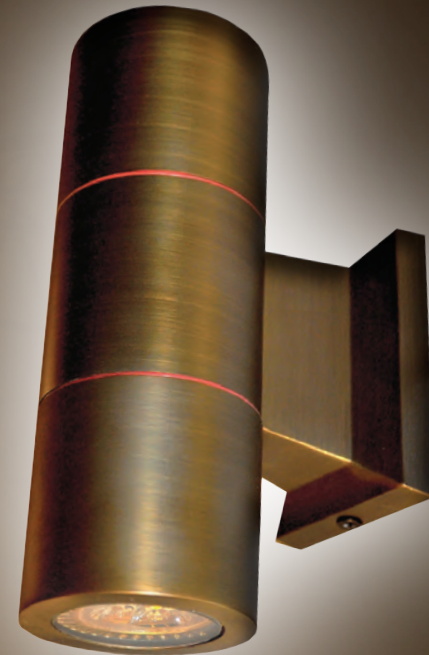
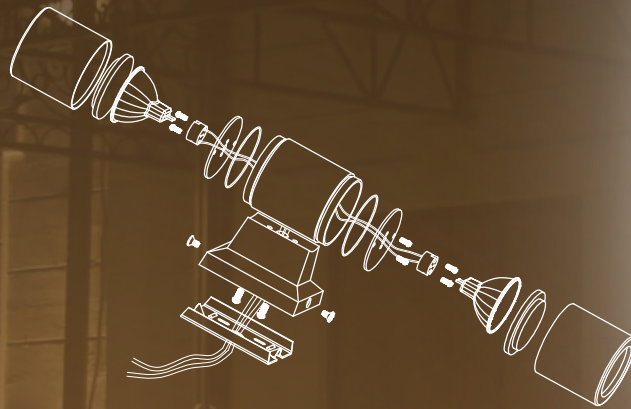
Finish: Antique Brass

Lamp Type: MR16 Not Included (LED Optional)

Wire: 25' Lead 16/2 Gauge

Lens: Clear (Tempered)

Dimensions: 4 1/4" Depth x 2 1/2" Dia x 5" H



Bronzino

UWL-01

Pond / Underwater Light

SPECIFICATIONS

Material: Solid Brass Body

Finish: Antique Brass

Lamp Type: MR16 Not Included (LED Optional)

Wire: 25' Lead 16/2 Gauge

Lens: Clear (Tempered)

Dimensions: 5 1/2" L x 3 1/8" Dia



Bellini

UWL-02

Pond / Underwater Light

SPECIFICATIONS

Material: Solid Brass Body

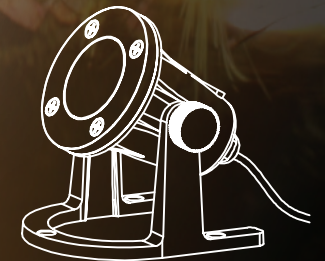
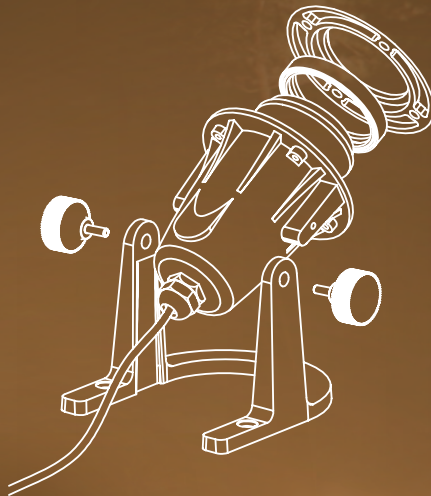
Finish: Antique Brass

Lamp Type: MR16 Not Included (LED Optional)

Wire: 25' Lead 16/2 Gauge

Lens: Clear (Tempered)

Dimensions: 3 1/2" L x 3 1/8" Dia



Bosch

UWL-03

Pond / Underwater Light

SPECIFICATIONS

Material: Stainless Steel or Brass Body

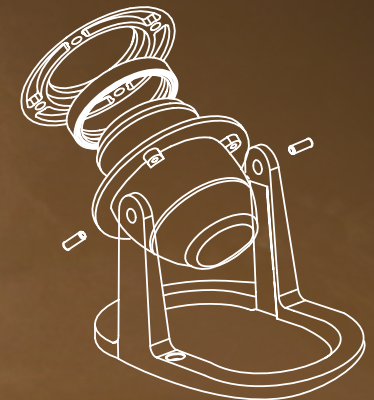
Finish: Stainless Steel or Brass

Lamp Type: PAR36 / AR111 Not Included
(RGBW LED Optional)

Wire: 25' Lead 16/2 Gauge

Lens: Clear (Tempered)

Dimensions: 3 1/2" L x 5 1/4" Dia x 5 1/8" H



Hanging Classic

HDL-01

Specialty Light

SPECIFICATIONS

Material: Solid Brass

Finish: Antique Brass

Lamp Type: MR16 Not Included
(LED Optional)

Wire: 25' Lead 18/2 Gauge

Dimensions: 3' chain, 4' L x 2 3/4" Dia

POSSIBLE FIXTURE COMBINATIONS

Hanging Stoss - 12"



Hanging Dossi



Hanging Matteo



Hanging Matteo - 12"



GOES

HDL-02

Specialty Light

SPECIFICATIONS

Material: Solid Brass

Finish: Antique Brass

Lamp Type: G4 Bipin, MR16 Not Included
(LED Optional)

Voltage: 12V

Wire: 25' 18/2 Gauge

Dimensions: 3" Shade Height
22" Overall Height x 6" Dia



Transformers



SPECIFICATIONS

- Stainless Steel Case and Encapsulated Unit
- Multi-Taps, 12 to 15 Volt and 12 to 22 Volt
- Direct Burial Single 12V Tap, 50W or 100W Transformers
- Fully Encapsulated Magnetic Core, Runs Cooler and Quieter
- Easy Mounting without Templates
- Long Life Expectancy



Manual Timer
MT -01



Digital Timer
DT 200



PC - Photocell



Dimmer 120W
12V



TR-WP
Direct Burial
Transformer
100W & 300W
12V Output



MT-75-SS
12,15V Taps

○ 75W



MTSS-12-15 Volt Series
12-15V Taps

- 150W
- 300W
- 600W



MTSS-12-22 Volt Series
12-22V Taps

- 300W
- 600W
- 900W
- 1200W
- 1500W

Fixture Accessories

Universal Mounting Brackets



Base A Base B Base D Base T Claw

Stabilizer Mounting Stake & Stems



Stake A Stake B Stake C Stake D

Socket A, B, C, D



Universal Fixture Extensions

Risers



3" 6" 10" 12" 15" 24"

Elbow Risers



1.5" 6" 10" 15" 24"



3" 11" 15" 18" 24" 36" 48" 60"

Wire Connector Box



WCB-04

Well Light Grates / Covers / Protective Rings



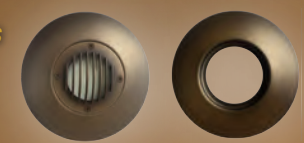
UL-01 Grate UL-02 Grate UL-03 Grate UL-04 Grate UL-05 Grate UL-06 Grate



Fits UL Series Lights

UL-01
UL-02

Cover Ring



Fits UL Series Lights

UL-03 UL-04
UL-05 UL-06

Cover Ring

LED Lamps

G4 Bi-Pin CREE 3W, 4W and 5W

SPECIFICATIONS

- Small and Exquisite Design, Excellent Compatibility.
- High Efficiency, Long Lifespan.



3.5W



G4 Smart RGBW Bluetooth LED

Key Features:

- RGBW adjustable, Dimmable, Bluetooth connection
- The color can be adjusted by smart device
- Intelligent remote control Settings
- Compatible with android and IOS
- Compatible with Amazon Echo and Google Play



3W



4W



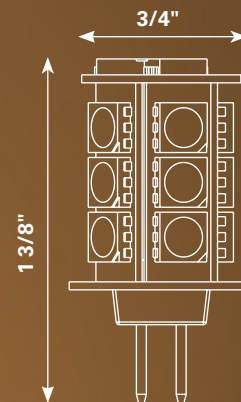
5W

Photology Parameters

Item	Housing Color	Color-Temperature	Kelvin Ranges		Lumen			Color Rendering Index	
			Minimum	Maximum	SMD (3W)	SMD (4W)	SMD (5W)	SMD	SMD
G4	White Color	Cool White	5000K	6000K	310LM	420LM	580LM	>70	>80
		Warm White	2700K	3200K	290LM	390LM	520LM	>70	>80

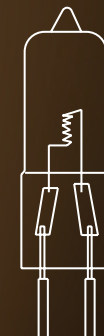
Electrical Parameters

Item	Input Volt	Power	PF	Efficiency	Ambient-Temperature	Lifespan*	
G4 SMD	Cool White	12V AC/DC	3W	1.0	>102LM/W	-20°C~40°C	25,000 hrs
	Warm White	12V AC/DC	3W	1.0	>96LM/W	-20°C~40°C	25,000 hrs
	Cool White	12V AC/DC	4W	1.0	>100LM/W	-20°C~40°C	25,000 hrs
	Warm White	12V AC/DC	4W	1.0	>95LM/W	-20°C~40°C	25,000 hrs
	Cool White	12V AC/DC	5W	>0.7	≥ 115LM/W	-20°C~40°C	25,000 hrs
	Warm White	12V AC/DC	5W	>0.7	≥ 100LM/W	-20°C~40°C	25,000 hrs



G4 18L
3W
25,000 hrs

Direct Replacement

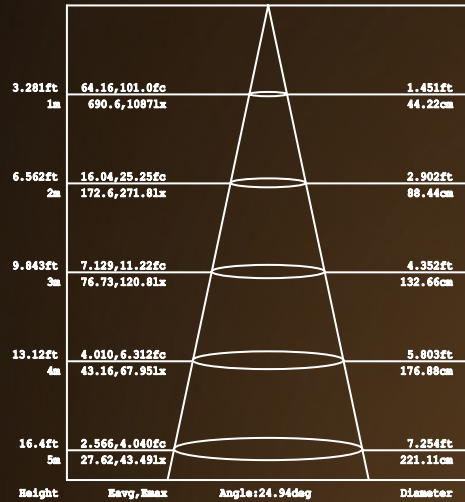


Halogen
20W
2,000 hrs

LED Lamps

WATER RESISTANT

Illumination Intensity Chart with 5W 45° 2700K CREE LED

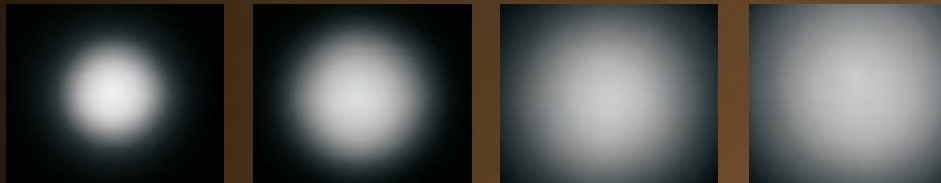


MR16 CREE
4W, 5W and 7W

SPECIFICATIONS

- Standard Size, Compact and Beautiful Design, Ultra Light Weight.
- Efficient Heatsink Design, Durable All-In-One Injection Molded Engineered Plastic
- Available Beam Angles: 15°, 30°, 45°, 60°, 120°.

Photos of Real Light

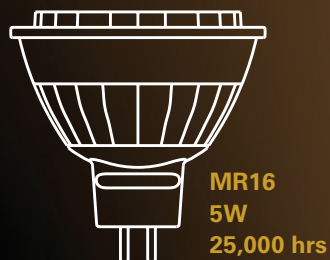
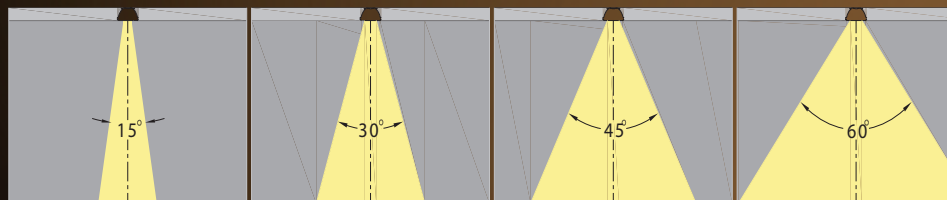


Beam angle: 15°

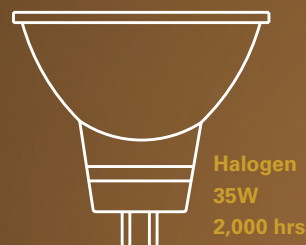
Beam angle: 30°

Beam angle: 45°

Beam angle: 60°



Direct Replacement



Photology Parameters

Item	Housing-Color	Color-Temperature	Kelvin Ranges		Lumen			Color Rendering Index	
			Minimum	Maximum	4wCREE	5wCREE	7wCREE	CREE	
MR16 CREE	Classic Color	Cool White	5000K	6000K	290LM	430LM	550LM	>70	
		Warm White	2700K	3000K	230LM	380LM	500LM	>80	

Electrical Parameters

Item		Input Volt	Power	PF	Efficiency	Ambient-Temperature	Lifespan*
MR16 CREE	Cool White	12-24V AC/DC	4W	>0.6	>75LM/W	-20°C~40°C	25,000hrs
	Warm White	12-24V AC/DC	4W	>0.6	>60LM/W	-20°C~40°C	25,000hrs
	Cool White	12V AC/DC	5W		>85LM/W	-20°C~40°C	25,000hrs
	Warm White	12V AC/DC	5W		>75LM/W	-20°C~40°C	25,000hrs
	Cool White	9V-15V AC/DC	7W		>85LM/W	-20°C~40°C	25,000hrs
	Warm White	9V-15V AC/DC	7W		>75LM/W	-20°C~40°C	25,000hrs

LED Lamps

WATER RESISTANT

PAR36 / AR111 CREE
6W, 10W, 13W, 17W

SPECIFICATIONS

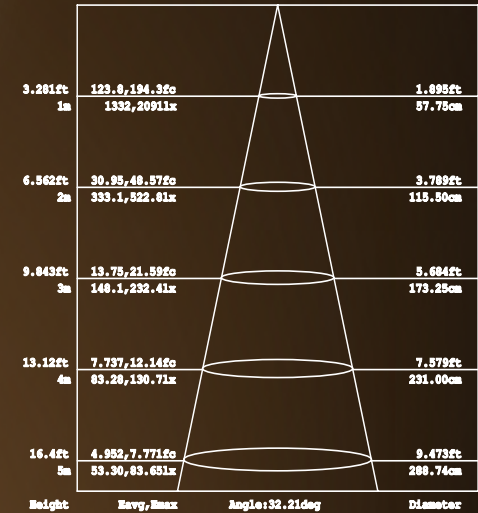
- Moisture Resistant, Salt and Mildew Resistant IP68
- Input 12-24V
- Our lamps have been tested in some of the harshest conditions, and still prove their ability to keep their lifetime normally.
- Available Wattage: 6W, 10W, 13W 17W



Photology Parameters

Item	Housing-Color	Color-Temperature	Kelvin Ranges		Lumen		Color Rendering	
			Minimum	Maximum	CREE	CREE	CREE	CREE
6W	Classic Color*	Cool White	5000K	6000K	420LM	>70		
		Warm White	2700K	3000K	400LM	>80		
10W	Classic Color*	Cool White	5000K	6000K	630LM	>70		
		Warm White	2700K	3000K	600LM	>80		
13W	Classic Color*	Cool White	5000K	6000K	840LM	>70		
		Warm White	2700K	3000K	800LM	>80		
17W	Classic Color*	Cool White	5000K	6000K	1100LM	>70		
		Warm White	2700K	3000K	1000LM	>80		

Illumination Intensity Chart with PAR36 13W 38° 2700K CREE LED



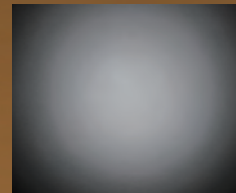
Photos of Real Light



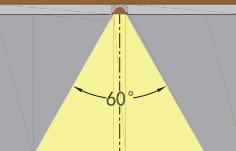
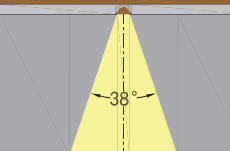
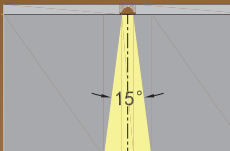
Beam angle: 15°



Beam angle: 38°

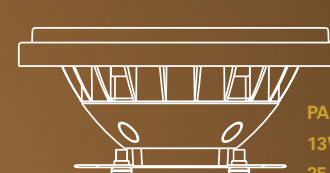


Beam angle: 60°



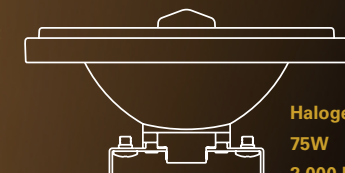
Electrical Parameters

Item		Input Volt	Power	PF	Efficiency	Ambient-Temperature	Lifespan*
CREE	Cool White	12-24V AC/DC	6W	>0.9	>65LM/W	-20°C~40°C	25,000hrs
	Warm White	12-24V AC/DC	6W	>0.9	>60LM/W	-20°C~40°C	25,000hrs
10W CREE	Cool White	12-24V AC/DC	10W	>0.9	>60LM/W	-20°C~40°C	25,000hrs
	Warm White	12-24V AC/DC	10W	>0.9	>55LM/W	-20°C~40°C	25,000hrs
13W CREE	Cool White	12-24V AC/DC	13W	>0.9	>60LM/W	-20°C~40°C	25,000hrs
	Warm White	12-24V AC/DC	13W	>0.9	>55LM/W	-20°C~40°C	25,000hrs
17W CREE	Cool White	12-24V AC/DC	17W	>0.9	>60LM/W	-20°C~40°C	25,000hrs
	Warm White	12-24V AC/DC	17W	>0.9	>55LM/W	-20°C~40°C	25,000hrs



PAR36
13W
25,000 hrs

Direct Replacement



Halogen
75W
2,000 hrs

EXCLUSIVE WARRANTY CERTIFICATE

This Warranty Certificate describes certain legal rights afforded by ABR Enterprises, Inc. ("ABR") with regard to its sales of products on or after January 1, 2020. Other such rights may exist by law, which vary from state to state.

ABR warrants to its customers that ABR products shall be free from manufacturing defects in materials and workmanship from the date of purchase and extending for a period of five years, except as indicated below:

Product Category	Warranty Period
Die Cast fixtures (other than underwater lights)	Lifetime
Stainless Steel Transformers: Enclosures & Windings	Lifetime
Stainless Steel Transformers: Electrical Components	3 Years
Integrated Transformers	2 Years
Timers and Photocells	1 Year
MR16 & AR111 Lamps with CREE LED Chips*	5 Years

*Must be installed in ABR fixtures at 12 volts, use ABR magnetic transformers and ABR recommended wiring, and receive proper annual maintenance by a landscape lighting professional. (Hot Installs) Transformers Must Be Unplugged From The GFI Outlet Before Making any Changes or Installation Of Fixtures and Or Lamps & Bulbs. * Failure to Do So Will Result in A Voided Warranty. Open Well-lights Must be Properly Installed with no less than 8" of Pea-stone Beneath the Fixture and 1" of Pea-stone around the Outside of the Fixture. Please Note That Our Smart Fixtures May Use Up-to 35Watts Per Fixture.

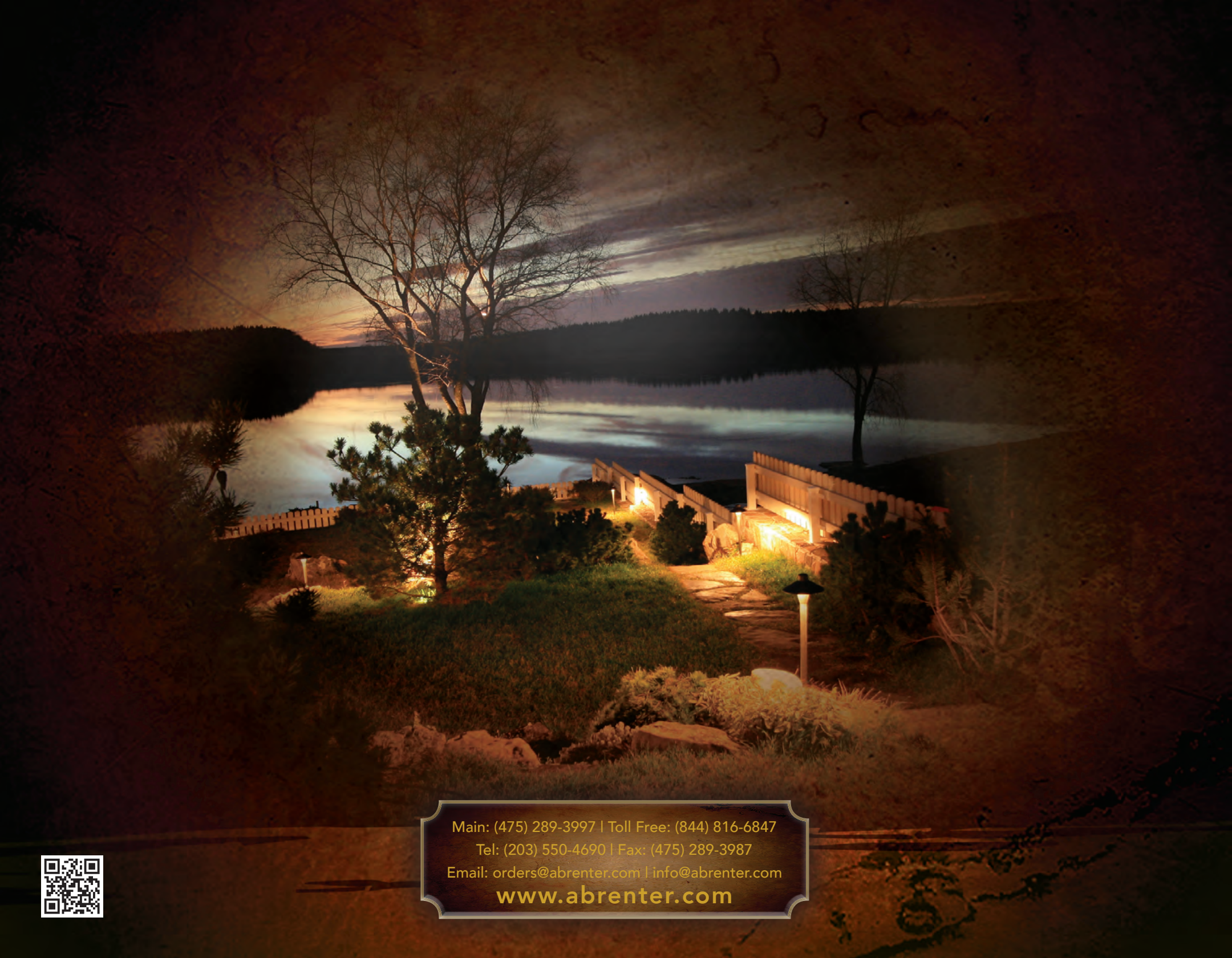
During the applicable warranty period, and without charge to the purchaser, ABR will either repair or replace (at its sole discretion) its covered products that fail under normal operating conditions. If a product for which warranty coverage is sought has been discontinued, ABR will issue a credit of the original sales price toward a replacement item. No monetary refunds are available. All Fixtures Being Sent in For an RMA Must Be Packed Properly When Being Sent For Inspection to ABR Enterprises.

Improper installation, mounting, storage, use and maintenance, as well as evidence of product mishandling, misuse, alteration, tampering or vandalism, will void the above warranty. The warranty is also inapplicable to any product subjected to abnormal stress or unusual operating conditions, including (without limitation) products exposed to undue moisture, such as through having been submerged in water or exposed to excessive contact with water spray from irrigation systems, including but not limited to natural disasters and or acts of god (including lightning). ABR reserves the right to examine all products, and to inspect product installation, prior to acceptance of any warranty claim. Once a product has been accepted for warranty coverage, the purchaser shall be responsible for packing and shipping return items at its own expense.

This warranty is made solely to the original purchaser of ABR products and is not transferable to any subsequent or successor owner or user. This warranty represents ABR's sole obligation, and the purchaser's sole remedy, regarding the covered products. ABR will under no circumstances be liable for consequential, incidental, special or exemplary damages, including (without limitation) loss of profits or revenues, loss of use of product or any other associated goods or equipment, damage to any associated goods or equipment, down time expenses, personal injury, and third-party claims.

This warranty is exclusive and made in lieu of any other warranties. ABR makes no representations or warranties other than as set forth in this certificate. ABR disclaims all other representations and warranties, whether express, implied or statutory, including if made by any supplier or distributor of ABR products, that limits, modifies or amends the warranty contained herein.

In order to obtain coverage under this warranty, the purchaser must first notify ABR of the warranty claim and request a Return Merchandise Authorization form. Once that form is submitted to ABR and the claim accepted, the covered product, along with proof of purchase (copy of original invoice), should be sent to ABR Enterprises, Inc., 22 Shelter Rock Lane (#102), Danbury, CT 06810. TOLL FREE: 844-816-6847; Phone: (203) 550-4690; Fax: (475) 289-3987; Email: info@ABRenter.com



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