

1<sup>st</sup> PLACE WINNER

### **2020 PRODUCT REFERENCE GUIDE**

Line & Low Voltage LED Lamps Made in the USA Landscape Lighting Fixtures



Photograph Courtesy Of Light Up Nashville





Brilliance continues to grow! For the first time ever, we are now designing and manufacturing fixtures in our own backyard here in Carefree, Arizona! We have also expanded our line of controls and smart lighting solutions.

In all of the changes, one of our deepest convictions is to stay true to who we are as a family owned and operated, faith-based company. We are still the same folks who are passionate about leading the landscape lighting industry into a fully energy efficient LED market with the highest quality products. We strive to provide honest and exemplary customer service to our international network of distributors. Here at Brilliance, we value respect, faith, and humility. We seek to offer the finest craftsmanship, tooling, quality control, warranties, in-house engineering, contractor tech support, and customer service. Every day, we go to work looking for ways to make your job easier. Whether you are in commercial or residential markets, we are your one stop manufacturer for high-performance landscape retrofit lamps. We are eager to meet and exceed our customers' needs; whether you are a distributor, contractor, or homeowner, we are here for you.

It is with great pride we present to you our 2020 product offerings. From the entire Brilliance family, thank you for your loyalty and support.







Brilliance lamps are patented under D735369, D735370, D735371, D735372, D735373.

Brilliance LED<sup>®</sup> is a registered trademark. "A Higher Light Form<sup>®</sup>" is a registered trademark of Brilliance LED.

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Brilliance

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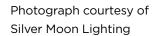
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MISCELLANEOUS	
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# LOW VOLTAGE

Photograph courtesy of California Outdoor Lighting



### MICRO G4

#### DESCRIPTION

The Brilliance Micro G4 Bipin is a subcompact LED that utilizes a Samsung chipset and features Brilliance's multi-directional beam pattern. This Micro G4 Bipin is energy efficient and water resistant, designed specifically for landscape retrofit application, and ideal for pathway lighting fixtures.

#### **FEATURES**

- Ceramic technology
- Dimmable with Brilliance dimmer and most magnetic transformers

0.47" (12mm)	
	1.3″ (32mm)

Wattage	1.2
Lumens	100
Kelvin Temperature	2700, 3000, 5700
Color	Red, Green, Blue, Amber
Operating Range	10-14 VAC/DC
Input Voltage	12 VAC/DC
Replaces	10W Halogen
CRI	85
IP	65
Chipset	Samsung
Lamp Life (hours)	35,000
Warranty (years)	3



Kelvin/Color



### MICRO T5



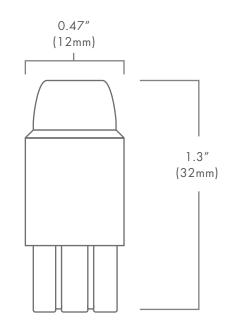
#### DESCRIPTION

The Brilliance Micro T5 Wedge is a subcompact LED that utilizes a Samsung chipset and features Brilliance's multi-directional beam pattern. This Micro T5 Wedge is energy efficient and water resistant, designed specifically for landscape retrofit application, and ideal for pathway lighting fixtures.

#### **FEATURES**

- Ceramic technology
- Dimmable with Brilliance dimmer and most magnetic transformers

Wattage	1.2
Lumens	100
Kelvin Temperature	2700
Operating Range	10-14 VAC/DC
Input Voltage	12 VAC/DC
Replaces	10W Halogen
CRI	85
IP	65
Chipset	Samsung
Lamp Life (hours)	35,000
Warranty (years)	3



#### Part Number: BRI-MICRO-T5



### BEACON G4

#### DESCRIPTION

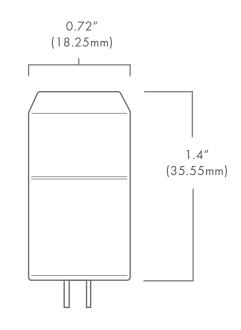
The Brilliance Beacon G4 Bipin is a sub-compact LED that utilizes the Epistar chipset and features Brilliance's multi-directional beam pattern. This G4 Bipin is energy efficient and water resistant, designed specifically for landscape retrofit application, and ideal for pathway lighting fixtures and step lights.

#### **FEATURES**

Ceramic technology

• Dimmable with Brilliance dimmer and most magnetic transformers

Wattage	2
Lumens	200
Beam Spread	<b>Omni-directional</b>
Kelvin Temperature	2700, 3000, 5700
Operating Range	8-25 VAC/DC
Replaces	20W Halogen
CRI	84
IP	65
Chipset	Epistar
Lamp Life (hours)	35,000
Warranty (years)	5



#### Part Number: BRI-BEACON-G4-XXXX





### **BEACON PLUS**



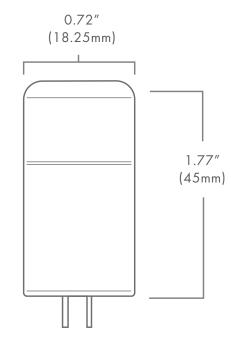
#### DESCRIPTION

The Brilliance Beacon Plus G4 Bipin is a sub- compact LED that utilizes a COB chipset and features Brilliance's multi-directional beam pattern through a translucent optic. This G4 Bipin is energy efficient and water resistant, designed specifically for landscape retrofit application, and ideal for pathway lighting fixtures and step lights.

#### **FEATURES**

- 300 Lumen output
- Ceramic technology
- Dimmable with Brilliance dimmer and most magnetic transformers

Wattage	3
Lumens	300
Beam Spread	<b>Omni-directional</b>
Kelvin Temperature	2700, 3000, 5700
Operating Range	8-25 VAC/DC
Replaces	35W Halogen
CRI	90+
IP	65
Chipset	СОВ
Lamp Life (hours)	35,000
Warranty (years)	5



#### Part Number: BRI-BEACON-PLUS-XXXX

| Kelvin



### **BEACON T5**



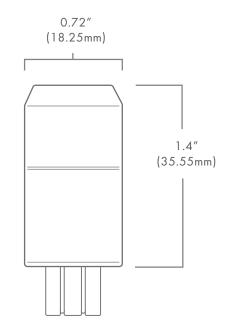
#### DESCRIPTION

The Brilliance Beacon T5 Wedge is a sub-compact LED that utilizes the Epistar chipset and features Brilliance's multi-directional beam pattern. This T5 Wedge is energy efficient and water resistant, designed specifically for landscape retrofit application, and ideal for pathway lighting fixtures and step lights.

#### **FEATURES**

- Ceramic technology
- Dimmable with Brilliance dimmer and most magnetic transformers

Wattage	2
Lumens	200
Beam Spread	<b>Omni-directional</b>
Kelvin Temperature	2700, 3000, 5700
Operating Range	8-25 VAC/DC
Replaces	20W Halogen
CRI	84
IP	65
Chipset	Epistar
Lamp Life (hours)	35,000
Warranty (years)	5



### Part Number: BRI-BEACON-T5-XXXX





### BEACON SCB

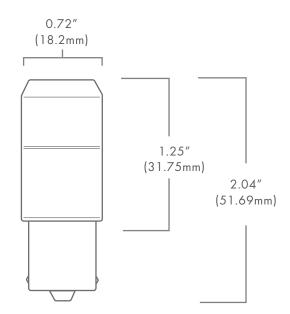
#### DESCRIPTION

The Brilliance Beacon Single Contact Bayonet (SCB) is a subcompact LED that utilizes the Epistar chipset and features Brilliance's multi-directional beam pattern. This SCB is energy efficient and water resistant, designed specifically for landscape retrofit application, and ideal for pathway lighting fixtures and step lights.

#### **FEATURES**

- Ceramic technology
- Dimmable with Brilliance dimmer and most magnetic transformers

Wattage	2
Lumens	200
Beam Spread	<b>Omni-directional</b>
Kelvin Temperature	2700, 3000, 5700
Operating Range	8-25 VAC/DC
Replaces	20W Halogen
CRI	84
IP	65
Chipset	Epistar
Lamp Life (hours)	35,000
Warranty (years)	5



### Part Number: BRI-BEACON-SCB-XXXX

Kelvin



### BEACON DCB

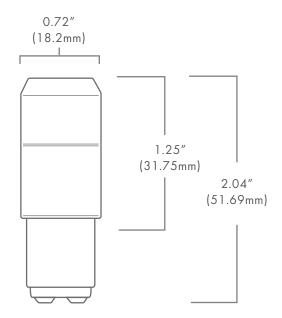
#### DESCRIPTION

The Brilliance Beacon Double Contact Bayonet (DCB) is a subcompact LED that utilizes the Epistar chipset and features Brilliance's multi-directional beam pattern. This DCB is energy efficient and water resistant, designed specifically for landscape retrofit application, and ideal for pathway lighting fixtures, wall washing, and hanging fixtures.

#### **FEATURES**

- Ceramic technology
- Dimmable with Brilliance dimmer and most magnetic transformers

Wattage	2
Lumens	200
Beam Spread	<b>Omni-directional</b>
Kelvin Temperature	2700, 3000, 5700
Operating Range	8-25 VAC/DC
Replaces	20W Halogen
CRI	84
IP	65
Chipset	Epistar
Lamp Life (hours)	35,000
Warranty (years)	5



#### Part Number: BRI-BEACON-DCB-XXXX

l Kelvin



### **BEACON S8**



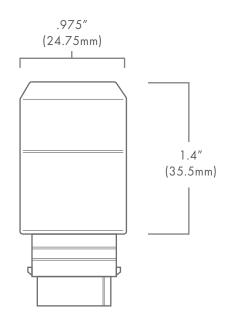
#### DESCRIPTION

The Brilliance Beacon S8 Wedge is a subcompact LED that utilizes the Epistar chipset and features Brilliance's multi-directional beam pattern. This S8 is energy efficient and water resistant, designed specifically for landscape retrofit application, and ideal for pathway lighting fixtures and step lights.

#### **FEATURES**

- Ceramic technology
- Dimmable with Brilliance dimmer and most magnetic transformers

Wattage	2
Lumens	200
Beam Spread	<b>Omni-directional</b>
Kelvin Temperature	2700, 3000, 5700
Operating Range	8-25 VAC/DC
Replaces	20W Halogen
CRI	84
IP	65
Chipset	Epistar
Lamp Life (hours)	35,000
Warranty (years)	5



#### Part Number: BRI-BEACON-S8-XXXX

l Kelvin



### G4 ECOSTAR

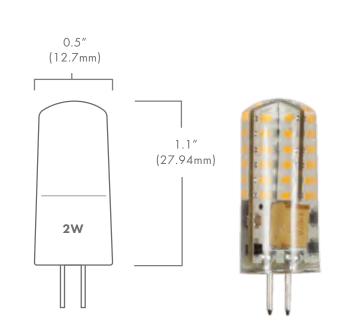
#### DESCRIPTION

The Brilliance G4 Ecostar Bipin is a sub-compact LED that utilizes a multi-directional beam pattern. The G4 Ecostar is energy efficient and water resistant, designed specifically for landscape retrofit application, and ideal for pathway lighting fixtures, and step lights. Designed for budget-conscious landscape lighting projects.

#### **FEATURES**

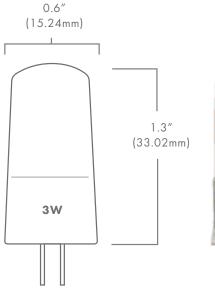
- Budget Conscious
- High CRI
- Dimmable with Brilliance dimmer and most magnetic transformers

Wattage	2 or 3
Lumens	150 or 240
Beam Spread	<b>Omni-directional</b>
Kelvin Temperature	2700, 3000
Operating Range	8-14 VAC/DC
Replaces	10W or 20W Halogen
CRI	95
IP	65
Chipset	Epistar
Lamp Life (hours)	25,000
Warranty (years)	3



### Part Number: BRI-G4-ECO-XX-XXXX







### T5 ECOSTAR

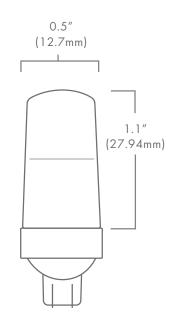
#### DESCRIPTION

The Brilliance T5 Ecostar Wedge is a sub-compact LED that utilizes a multi-directional beam pattern. The T5 Ecostar is energy efficient and water resistant, designed specifically for landscape retrofit application, and ideal for pathway lighting fixtures, and step lights. Designed for budget-conscious landscape lighting projects.

#### **FEATURES**

- Budget conscious
- High CRI
- Dimmable with Brilliance dimmer and most magnetic transformers

Wattage	3
Lumens	240
Beam Spread	<b>Omni-directional</b>
Kelvin Temperature	2700, 3000
Operating Range	8-14 VAC/DC
Replaces	20W Halogen
CRI	95
IP	65
Chipset	Epistar
Lamp Life (hours)	25,000
Warranty (years)	3



#### Part Number: BRI-T5-ECO-3-XXXX

Kelvin



### SCB ECOSTAR

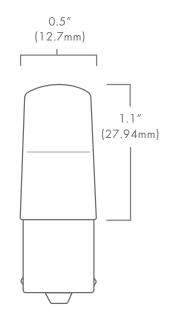
#### DESCRIPTION

The Brilliance SCB Ecostar is a sub-compact LED that utilizes a multi-directional beam pattern. The SCB Ecostar is energy efficient and water resistant, designed specifically for landscape retrofit application, and ideal for pathway lighting fixtures, and step lights. Designed for budget-conscious landscape lighting projects.

#### **FEATURES**

- Budget conscious
- High CRI
- Dimmable with Brilliance dimmer and most magnetic transformers

Wattage	3
Lumens	240
Beam Spread	<b>Omni-directional</b>
Kelvin Temperature	2700, 3000
Operating Range	8-14 VAC/DC
Replaces	20W Halogen
CRI	95
IP	65
Chipset	Epistar
Lamp Life (hours)	25,000
Warranty (years)	3



#### Part Number: BRI-SCB-ECO-3-XXXX

l Kelvin



### BLAZE G4

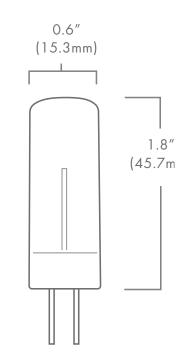
#### DESCRIPTION

The Brilliance Blaze G4 Bipin is a specialty lamp designed specifically to create a real, flame-like effect in any G4 base fixture. Perfect for path lights or anywhere a warm, flickering light is desired. Blaze series also offered in line voltage A19 and E12 options

#### **FEATURES**

- Low voltage
- Must be used in fully enclosed fixture

Wattage	2
Kelvin Temperature	1400-1700
Operating Range	8-24 VAC/DC
IP	65
Lamp Life (hours)	30,000



#### Part Number: BRI-BLAZE-G4



### RECTANGLE G4 WAFER

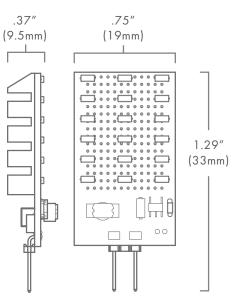
#### DESCRIPTION

The Brilliance G4 Bipin Wafer is designed specifically for low voltage landscape lighting fixtures. This compact LED is energy efficient and produces a broad 180° light pattern.

#### **FEATURES**

• Dimmable with Brilliance dimmer and most magnetic transformers

Wattage	2
Lumens	120
Beam Spread	180 <sup>°</sup>
Kelvin Temperature	2700
Operating Range	8-18 VAC/DC
Replaces	25W Halogen
CRI	85
IP	60
Chipset	Samsung
Lamp Life (hours)	35,000
Warranty (years)	5



#### Part Number: BIPIN-G4-RECTANGLE-WAFER



### ROUND G4 WAFER

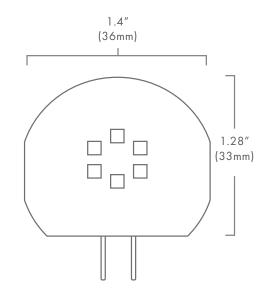
#### DESCRIPTION

The Brilliance G4 Bipin Wafer is designed specifically for low voltage landscape lighting fixtures. This compact LED is energy efficient and produces a broad 180° light pattern.

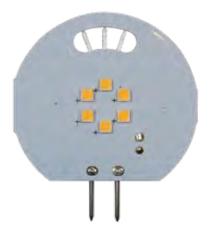
#### **FEATURES**

• Dimmable with Brilliance dimmer and most magnetic transformers

Wattage	2
Lumens	120
Beam Spread	180 <sup>°</sup>
Kelvin Temperature	2700
Operating Range	8-18 VAC/DC
Replaces	25W Halogen
CRI	85
IP	60
Chipset	Samsung
Lamp Life (hours)	35,000
Warranty (years)	5



#### Part Number: BIPIN-G4-RND-WAFER



### MR8

#### DESCRIPTION

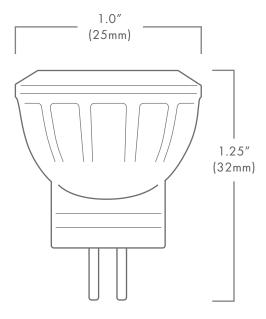
The Brilliance MR8 Bipin is designed to better fit into standard, low voltage, MR8 fixtures and have a longer lamp life. These LEDs are thermally engineered to operate in enclosed fixtures and provide added security by automatically cooling down, and reducing lumen output when exposed to extreme heat (air temperatures above 125°F). There is no color shift when lumen output is reduced.

#### **FEATURES**

- Gen 5 earth tone colored housing
- Dimmable with most magnetic transformers

1.5

- Enhanced ESD (Electro-Static Discharge) protection (IEC-61000-4-2)
- Heat overload protection technology
- Fully potted PC board
- UL & FCC compliant



#### Part Number: MR8-XXXX-XXX

Kelvin/ Beam spread

Wattage
Lumens
Beam Spread
Kelvin Temperature
Color
Operating Range
Replaces
CRI
IP
Chipset
Lamp Life (hours)
Warranty (years)

90 15°, 30°, 60°, 120° 2200, 2700, 3000, 5700 Red, Green, Blue, Amber 8-25 VAC/DC 10W Halogen 85 61 CREE 50,000 5



### MR11

#### DESCRIPTION

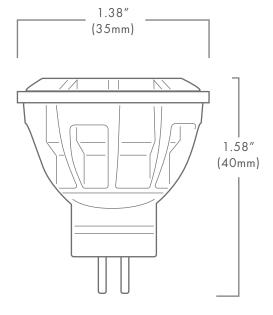
The Brilliance MR11 Bipin is designed to better fit into standard, low voltage, MR11 fixtures and have a longer lamp life. These LEDs are thermally engineered to operate in enclosed fixtures and provide added security by automatically cooling down, and reducing lumen output when exposed to extreme heat (air temperatures above 125°F). There is no color shift when lumen output is reduced.

#### **FEATURES**

- Gen 5 earth tone colored housing
- Dimmable with most magnetic transformers

2

- Enhanced ESD (Electro-Static Discharge) protection (IEC-61000-4-2)
- Heat overload protection technology
- Fully potted PC board
- UL & FCC compliant



#### Part Number: MR11-2-XXXX-XXX

Kelvin/ Beam spread

Wattage
Lumens
Beam Spread
Kelvin Temperature
Color
Operating Range
Replaces
CRI
IP
Chipset
Lamp Life (hours)
Warranty (years)

120 15°, 30°, 60°, 120° 2200, 2700, 3000, 5700 Red, Green, Blue, Amber 8-25 VAC/DC 20W Halogen 85 61 CREE 50,000 5



### AR11

#### DESCRIPTION

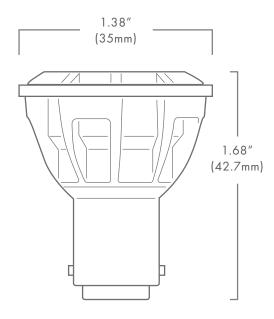
The Brilliance AR11 DCB is designed to better fit into standard, low voltage, AR11 fixtures and have a longer lamp life. These LEDs are thermally engineered to operate in enclosed fixtures and provide added security by automatically cooling down, and reducing lumen output when exposed to extreme heat (air temperatures above 125 °F). There is no color shift when lumen output is reduced.

#### **FEATURES**

- Gen 5 earth tone colored housing
- Dimmable with most magnetic transformers

2

- Enhanced ESD (Electro-Static Discharge) protection (IEC-61000-4-2)
- Heat overload protection technology
- Fully potted PC board



#### Part Number: AR11-2-XXXX-XX

Kelvin/ Beam spread

Wattage
Lumens
Beam Spread
Kelvin Temperature
Color
Operating Range
Replaces
CRI
IP
Chipset
Lamp Life (hours)
Warranty (years)

120 15°, 30°, 60° 2200, 2700, 3000, 5700 Red, Green, Blue, Amber 8-25 VAC/DC 20W Halogen 85 61 CREE 50,000 5



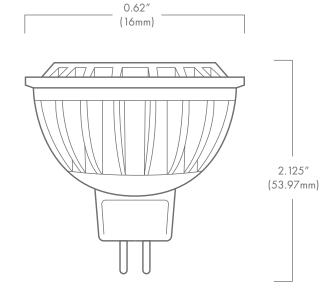
### MR16 ECOSTAR

#### DESCRIPTION

The Brilliance MR16 ECOSTAR Bipin lamp is designed to fit into standard, low voltage fixtures. Designed for budget-conscious landscape lighting projects.

#### **FEATURES**

- Budget Conscious
- Dimmable with most magnetic transformers
- Suitable for damp locations
- Suitable for totally enclosed luminaries
- Input electrical current: 330mA, AC



Wattage	4
Lumens	265-300
Beam Spread	15 <sup>°</sup> , 30 <sup>°</sup> , 60 <sup>°</sup> , 120 <sup>°</sup>
Kelvin Temperature	2700, 3000, 5700
Operating Range	8-25 VAC/DC
Replaces	20W Halogen
CRI	77
IP	61
Chipset	Epistar
Lamp Life (hours)	30,000
Warranty (years)	3

### Part Number: MR16-4-ECO-XXXX-XXX



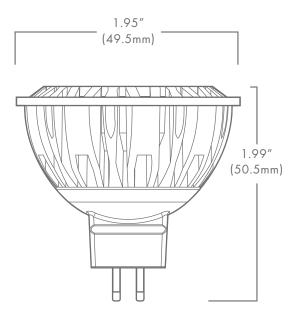
### **MR16**

#### DESCRIPTION

The Brilliance MR16 Bipin is designed to better fit into standard, low voltage, MR16 fixtures and have a longer lamp life. These LEDs are thermally engineered to operate in enclosed fixtures and provide added security by automatically cooling down, and reducing lumen output when exposed to extreme heat (air temperatures above 125°F). There is no color shift when lumen output is reduced.

#### FEATURES

- Gen 5 earth tone colored housing
- Dimmable with most magnetic transformers
- Enhanced ESD (Electro-Static Discharge) protection (IEC-61000-4-2)
- Heat overload protection technology
- Fully potted PC board
- UL & FCC compliant



#### Part Number: MR16-X-XXXX-XXX

| Wattage

Beam spread

Kelvin/ Color

Wattage Beam Spread Color (4&5W)

Operating Range	
Replaces	
CRI	
IP	
Chipset	
Lamp Life (hours)	
Warranty (years)	

4, 5, 7 15°, 30°, 60°, 120° Red, Green, Blue, Amber, Silver Green (5W) 8-25 VAC/DC 20W, 35W, 50W Halogen 85 61 CREE 50,000 5



Lumens		2200K	2700K	3000K	5700K
	4W	275	325	350	400
	5W	300	380	400	450
	7W	600	690	715	750

### PAR36

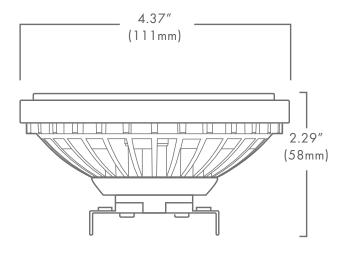


#### DESCRIPTION

The Brilliance PAR36 lamp is designed to better fit into standard, low voltage, PAR36 fixtures and have a longer lamp life. These LEDs are thermally engineered to operate in enclosed fixtures and provide added security by automatically cooling down, and reducing lumen output when exposed to extreme heat (air temperatures above 125°F). There is no color shift when lumen output is reduced

#### **FEATURES**

- Gen 5 earth tone colored housing
- Dimmable with most magnetic transformers
- Enhanced ESD (Electro-Static Discharge) protection (IEC-61000-4-2)
- Heat overload protection technology
- Fully potted PC board
- UL & FCC compliant



#### Part Number: PAR36-X-XXXX-XXX



Wattage Beam Spread Color (7, 11, & 15W)

Kelvin Temperature Operating Range Replaces CRI IP Chipset Lamp Life (hours) Warranty (years) 4, 7, 11, 15 15°, 30°, 60°, 120° Red, Green, Blue, Amber, Silver Green 2200, 2700, 3000, 5700 8-25 VAC/DC 20W, 35W, 50W Halogen 85 68 CREE 50,000 5



Lumens		2200K	2700K	3000K	5700K
	4W	NA	435	470	520
	7W	600	675	700	800
	11W	800	900	950	1150
	15W	1100	1430	1530	1650

### STRIP LIGHT

#### DESCRIPTION

The Brilliance AC flexible Strip Light is rated for outdoor use and can be directly connected to an existing 8-16 VAC landscape lighting system. Great accent lighting for stairs, railings and overhangs. The LEDs on this Strip Light are encased in nonyellowing material that installs easily.

#### **FEATURES**

- Dimmable with most magnetic transformers
- Recommended max Strip Light length per power feed is 40 feet
- Available in 82.25 ft reels or 41 ft half reels

NOT for installation within 10 ft of swimming pool per NEC Article 411-2



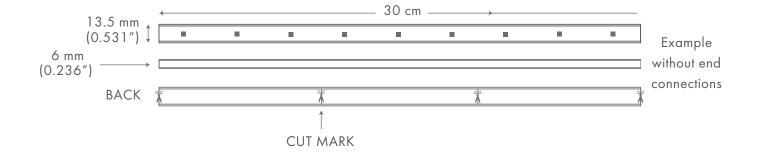
### Part Number: BRI-SL3-XXXX-65

Kelvin/ Color

### Half Reel Part Number: BRI-SL3-XXXX-40' Kit

Kelvin/ Color

Wattage	1.8 per meter
Lumens	45 per ft
Kelvin Temperature	2700, (3000 & 4000), 5000
Color	Red, Green, Blue, Amber
Operating Range	8-16 VAC/DC
CRI	80
IP	65
Lamp Life (hours)	35,000
Warranty (years)	3



## STRIP LIGHT ACCESSORIES



Double-Sided Connector Kit Part # - 0 35127 47542 4 1 - Double-sided connector 2 - Clear plastic retainers 2 - Metal anti-slip plates 1 - Heat shrink tube



Power Feed Kit Part # - 0 35127 47544 8 1 - Power feed (10') 1 - Clear plastic retainer 1 - Metal anti-slip plate 1 - Heat-shrink tube



**Strip Light Channel\*** (Gen 2) w/ Groove Part # - 0 35127 47751 0 1M (3.2') Channel sections 5 - Screws



Diffuser Part # - 0 35127 47753 4 Only works with Gen 2 channel models (3.2')



Jumper Connector Kit Part # - 0 35127 47606 3 1 - Jumper connector (10") 2 - Clear plastic retainers 2 - Metal anti-slip plates 2 - Heat-shrink tubes



Part # - 0 35127 47608 7
1 - "T"power feed connector(3.2")
2 - Clear plastic retainers
2 - Metal anti-slip plates
2 - Heat-shrink tubes



Strip Light Channel\* (Gen 2) w/ Groove & Glare Shield Part # - 0 35127 47752 7 1M (3.2') Channel sections 5 - Screws



Attachment Clip Part # - 0 35127 47754 1 Only works with Gen 2 channel models



**90° Jumper Connector Kit** Part # - 0 35127 47698 8

- 1 Jumper connector (1")
- 2 Clear plastic retainers
- 2 Metal anti-slip plates
- 2 Heat-shrink tubes



End Cap Kit Part # - 0 35127 47607 0 1 - End cap 1 - Light shield 1 - Heat-shrink tube



**Clip & Screw Kit** Part # - 0 35127 47543 1 50 - Plastic clips 100 - Screws



**Stealth Connector Shields\*** Part # - 0 35127 47767 1 (8'') Part # - 0 35127 47771 8 (w/ Facia 8'') Only works with Gen 2 channel models

## S14 EDGE FILAMENT

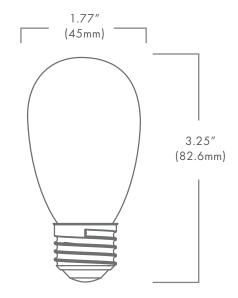
#### DESCRIPTION

The Brilliance S14 Edge Filament is designed specifically for use in open outdoor fixtures where precision lighting and high color rendering is desired. This lamp is ideal for inverted bistro style lighting.

#### **FEATURES**

- Clear, omni-directional light source
- Elegant, exposed filament design
- Dimmable
- UL & FCC compliant
- UL listed

Wattage	3.5
Lumens	245
Kelvin Temperature	2200, 2700, 3000
Operating Range	12 VAC/DC
CRI	95
IP	64
Lamp Life (hours)	30,000
Warranty (years)	3



### Part Number: SI4-FIL-EDGE-XXXX-12





# CANDELABRA EDGE FILAMENT

#### DESCRIPTION

The Brilliance Candelabra Edge Filament lamp is a decorative light source and gives the effect of an original Edison lamp, making it great for indoor chandeliers and anywhere a warm light is desired.

#### **FEATURES**

- Flame tip styles
- Clear, omni-directional light source
- Elegant, exposed filament design
- Dimmable
- UL & FCC compliant
- UL Listed in USA and Canada

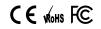
1.25″ (31.75mm)	
	3.75″ (95.25mm)

#### Part Number: CAN-FIL-EDGE-F-XX-XXX-C-12

Wattage	Kelvin	

Wattage	2, 3.5
Lumens	130, 280
Kelvin Temperature	2200, 2700, 3000
Operating Range	12 VAC/DC
Replaces	40W Incandescent
CRI	90
IP	64
Lamp Life (hours)	30,000
Warranty (years)	3







# LINE VOLTAGE

Photograph courtesy of Lightform Lighting

# S14 EDGE FILAMENT

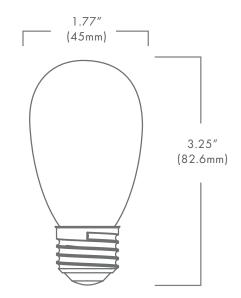
#### DESCRIPTION

The Brilliance S14 Edge Filament is designed specifically for use in both open outdoor and indoor fixtures where precision lighting and high color rendering is desired, giving the effect of an original Edison lamp This lamp is ideal for inverted bistro style lighting.

#### **FEATURES**

- Clear, omni-directional light source
- Elegant, exposed filament design
- Dimmable
- UL & FCC compliant
- UL listed

Wattage	2(2700K only), 3.5
Lumens	120, 245
Kelvin Temperature	2200, 2700, 3000
Operating Range	110-130 VAC/DC
CRI	95
IP	64
Lamp Life (hours)	30,000
Warranty (years)	3



#### Part Number: SI4-FIL-EDGE-X-XXXX-120

Wattage	Kelvin





# CANDELABRA EDGE FILAMENT

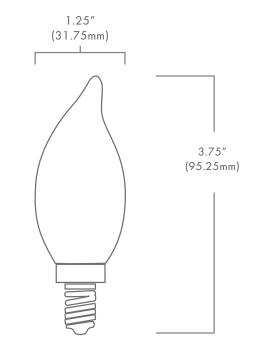
#### DESCRIPTION

The Brilliance Candelabra Edge Filament lamp is a decorative light source and gives the effect of an original Edison lamp, making it great for indoor chandeliers and anywhere a warm light is desired.

#### FEATURES

- Flame & Torpedo tip styles
- Clear, or frosted omni-directional light source
- Elegant, exposed filament design
- Dimmable
- UL & FCC compliant
- UL Listed in USA and Canada

Wattage	3.5
Lumens	280
Kelvin Temperature	2200, 2700, 3000
Operating Range	120 VAC/DC
Replaces	40W Incandescent
CRI	90
IP	64
Lamp Life (hours)	30,000
Warranty (years)	3



#### Part Number: CAN-FIL-EDGE-X-XXXX-X-120

Torpedo=T Flame=F	Kelvin	Clear=C Frosted=F





2200, 2700 only

2200, 2700 only

## A19 EDGE FILAMENT

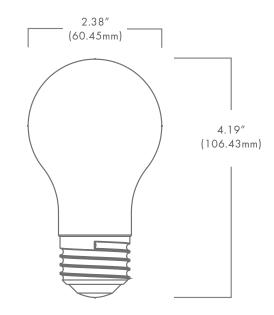
#### DESCRIPTION

The Brilliance A19 Edge Filament lamp is a decorative light source and gives the effect of an original Edison lamp. This lamp is great for any place a warm light is desired.

#### **FEATURES**

- Clear, omni-directional light source
- Elegant, exposed filament design
- Dimmable
- UL & FCC compliant
- UL Listed in USA and Canada

Wattage	6.5
Lumens	500
Kelvin Temperature	2200, 2700
Operating Range	110-130 VAC/DC
Replacing	60W Incandescent
CRI	95
IP	64
Lamp Life (hours)	30,000
Warranty (years)	3



#### Part Number: A19-FIL-EDGE-XXXX





## G9

#### DESCRIPTION

The Brilliance G9 is an ideal replacement for halogen G9 lamps as it offers an extremely long life with low power consumption. It is maintenance free and provides excellent performance with its retrofit design, making it suitable for most existing fixtures.

#### FEATURES

- Dimmable
- G-9 Base
- UV Free
- Thermal ceramic body
- Excellent heat dissipation
- CAUTION: Risk of electric shock, use in dry locations only, not for use in totally enclosed fixtures.

0.62" (16mm)	1
	2.125″ (53.97mm)
_	
$\cup$ $\cup$	

#### Part Number: BRI-G9-EDGE-2700-120



Wattage	2
Lumens	200
Beam Spread	<b>Omni-directional</b>
Kelvin Temperature	2700
Input Voltage	120 VAC/DC
Replaces	20W Halogen
CRI	82
IP	60
Lamp Life (hours)	30,000
Warranty (years)	2

Bril<u>liance</u>

## BLAZE CANDELABRA

#### DESCRIPTION

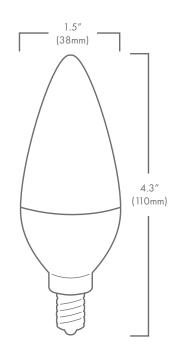
The Brilliance Blaze Candelabra is a specialty lamp designed specifically to create a real, flame-like effect in any E12 base fixture. Perfect for coach lights or anywhere you want a warm flickering light.

#### **FEATURES**

Single lamp mode

Wattage
Kelvin Temperature
Operating Range
IP
Lamp Life (hours)
Warranty (years)

3 1700-1900 110-130 VAC/DC 60 30,000 3



Part Number: BRI-BLAZE-CANDELABRA



## BLAZE A19

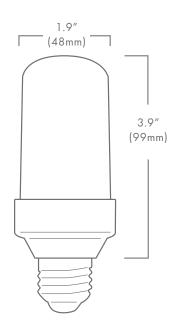
#### DESCRIPTION

The Brilliance Blaze A19 is a specialty lamp designed specifically to create a real, flame-like effect in any E26 base fixture. Perfect for coach lights or anywhere you want a warm flickering light.

#### **FEATURES**

Single lamp mode

Wattage Kelvin Temperature Operating Range IP Lamp Life (hours) Warranty (years) 5 1700-1900 110-130 VAC/DC 60 30,000 3



Part Number: BRI-BLAZE-A19



## PAR20



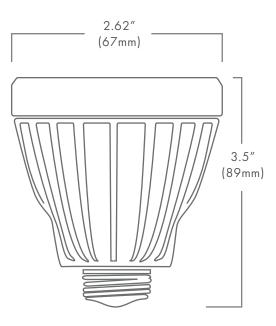
#### DESCRIPTION

The Brilliance PAR20 is designed specifically as an energy saving alternative to a traditional halogen PAR lamp, making it ideal for general lighting. It can be installed into any standard E26 medium socket and is corrosion resistant.

#### **FEATURES**

- For indoor or outdoor use
- Dimmable
- Shock and vibration resistant
- UV, NIR radiation & mercury free
- Black or white housing options
- Suitable for totally enclosed fixtures
- UL & FCC compliant

Wattage	7
Lumens	320, 340, 460
Beam Spread	25 <sup>°</sup> , 40 <sup>°</sup>
Kelvin Temperature	2700, 3000, 5700
Input Voltage	110-120 VAC/DC/60Hz
Replaces	50W Halogen
CRI	83
IP	64
Chipset	CREE XP-E
Lamp Life (hours)	35,000
Warranty (years)	3



#### Part Number: PAR-20-IOS-XXXX-XX-XX

| Kelvin Beam spread Housing Black=BL White=WH



## PAR30



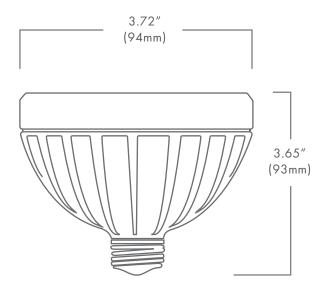
#### DESCRIPTION

The Brilliance PAR30 is designed specifically as an energy saving alternative to a traditional halogen PAR lamp, making it ideal for general lighting. It can be installed into any standard E26 medium socket and is corrosion resistant.

#### **FEATURES**

- For indoor or outdoor use
- Dimmable
- Shock and vibration resistant
- UV, NIR radiation & mercury free
- Black or white housing
- Suitable for totally enclosed fixtures
- UL & FCC compliant

Wattage	12
Lumens	620, 730, 800
Beam Spread	25 <sup>°</sup> , 40 <sup>°</sup>
Kelvin Temperature	2700, 3000, 5700
Input Voltage	110-120 VAC/DC/60Hz
Replaces	75W Halogen
CRI	83
IP	64
Chipset	CREE XP-E
Lamp Life (hours)	35,000
Warranty (years)	3



#### Part Number: PAR-30-IOS-XXXX-XX-XX



Housing Black=BL White=WH



## PAR38



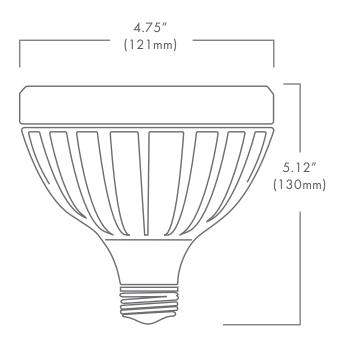
#### DESCRIPTION

The Brilliance PAR38 is designed specifically as an energy saving alternative to a traditional halogen PAR lamp, making it ideal for general lighting. It can be installed into any standard E26 medium socket and is corrosion resistant.

#### **FEATURES**

- For indoor or outdoor use
- Dimmable
- Shock and vibration resistant
- UV, NIR radiation & mercury free
- Black or white housing
- Suitable for totally enclosed fixtures
- UL & FCC compliant

Wattage	17
Lumens	800, 850, 1150
Beam Spread	25°, 40°
Kelvin Temperature	2700, 3000, 5700
Input Voltage	110-120 VAC/DC/60hz
Replaces	100W Halogen
CRI	85
IP	64
Chipset	CREE XP-E
Lamp Life (hours)	35,000
Warranty (years)	3



#### Part Number: PAR-38-IOS-XXXX-XX-XX

Kelvin Beam spread

Housing Black=BL White=WH



## BISTRO STRING LIGHT

#### DESCRIPTION

The Brilliance Bistro String Light is designed with 2 way mounting holes for easy installation. The connection points are weather sealed making all 50 feet of string outdoor ready.

#### **FEATURES**

- 50 feet long
- 24 S14 Filament 2Watt, 2700K lamps
- Two way mounting holes
- Patent Pending

Part Number: BR-BISTRO-SI4-FIL-EDGE -2W-2700-120



Water proof seal



2 way mounting holes





ACTIVATE INTELLIGENT LIGHT

# SMART PRODUCTS & CONTROLS







## Scan the QR Code to download Brilliance Smart!

With Brilliance Smart you have control over all of our Smart Products, using an iPhone or Android phone from anywhere in the world.

#### **Smart Products:**

Chameleon G4 Chameleon MR16 Chameleon PAR36 Wi-Fi Smart Socket 2 Wi-Fi Low Voltage Zone Control *(Coming Soon)* 

for more information visit: brillianceled.com/smart-products



ACTIVATE INTELLIGENT LIGHT

## CHAMELEON G4 BIPIN

#### DESCRIPTION

The Brilliance Chameleon G4 changes color! Dimming control of either 2700K or 3000K color temperature of white and a wide range of reds, greens, and blues from your smart device. These lamps can be zoned and grouped with others, on/off timers can be set, and adjustments can be made from anywhere in the world. Can only be only purchased by the box (qty. 25), not for underwater use.

#### **FEATURES**

- Wi-Fi enabled, RGBW Lamp
- · Control colors from your smart phone
- Download Brilliance app to change lamp settings
- Android and iOS compatible

Wattage	3.5
Lumens	175
Kelvin Temperature	2700, 3000
Beam Spread	<b>Omni-directional</b>
Color	RGBW
Input Voltage	8-18 VAC/DC/60Hz
Replaces	20W Halogen
CRI	84
IP	65
Lamp Life (hours)	50,000
Warranty (years)	5

Can only be purchased by the box (qty. 25) Part Number: BRI-G4-CHM-RGBW-XXXX

.86″ (22mm)

Kelvin

2.16"

(55mm)







Brilliance Smart app

Chameleon Set Up



## CHAMELEON MR16



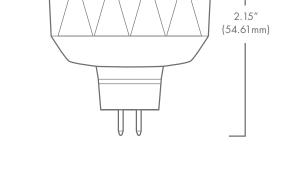
#### DESCRIPTION

The Brilliance Chameleon MR16 changes color! Control any Kelvin temperature of white and a wide range of reds, greens, and blues from your smart device. These lamps can be zoned and grouped with others, on/off timers can be set, and adjustments can be made from anywhere in the world. Can only be only purchased by the box (qty. 10), not for underwater use.

#### **FEATURES**

- Wi-Fi enabled, RGBW Lamp
- · Control colors from your smart device
- Download Brilliance app to change lamp settings
- Android and iOS compatible

6
328-441
<b>38</b> °
2200-5700
RGBW
11-18 VAC/DC/60Hz
35W Halogen
80
61
50,000
5



2″

(50mm)

Can only be purchased by the box (qty. 10) Part Number: **BRI-MR16-CHM-6-RGBW-38** 







Brilliance Smart app

Chameleon Set Up



## CHAMELEON PAR36



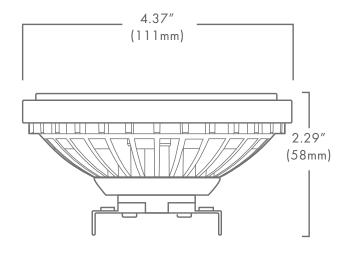
#### DESCRIPTION

The Brilliance Chameleon PAR36 changes color! Control any Kelvin temperature of white and a wide range of reds, greens, and blues from your smart device. These lamps can be zoned and grouped with others, on/off timers can be set, and adjustments can be made from anywhere in the world. Can only be only purchased by the box (qty. 10), not for underwater use.



- Wi-Fi enabled, RGBW Lamp
- · Control colors from your smart phone
- Download Brilliance app to change lamp settings
- Android and iOS compatible

Wattage	9
Lumens	442-686
Beam Spread	15 <sup>°</sup> , 30 <sup>°</sup> , 60 <sup>°</sup>
Kelvin Temperature	2200-5700
Color	RGBW
Input Voltage	8-25 VAC/DC/60Hz
Replaces	35W Halogen
CRI	80
IP	67
Lamp Life (hours)	50,000
Warranty (years)	5



Can only be purchased by the box (qty. 10) Part Number: BRI-PAR36-CHM-9-RGBW-XX

Beam spread









Brilliance Smart app

Chameleon Set Up

CE works FC

## Wi-Fi SMART SOCKET 2



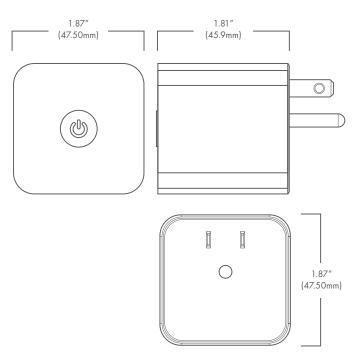
#### DESCRIPTION

The Brilliance Wi-Fi Smart Socket 2 is designed specifically for your landscape lighting transformer and provides remote control of your entire lighting system from anywhere in the world. Supported on operating systems Android 4.1 and IOS 8.0 or newer.

#### **FEATURES**

- Our app, "Brilliance Smart," is available in the Apple App Store and the Google Play store.
- •1 year warranty

Operating Range: -29°F - 118°F



#### Part Number: BRI-WIFI-SMART-SOCKET-2







App Store

Google Play

Brilliance Smart app

Smart Socket 2 Set Up

**Brilliance** 

**Smart Products** 

## **COMING SOON**

## Wi-Fi LOW VOLTAGE ZONE CONTROL



#### DESCRIPTION

The Brilliance Wi-Fi Low Voltage Zone Control provides 12 VAC dimming for up to 200 watts. This unit can be mounted next to the 12 VAC transformer or anywhere in the field, and is compatible with all Brilliance lamps. Seamlessly control your lighting system from your Wi-Fi enabled device.

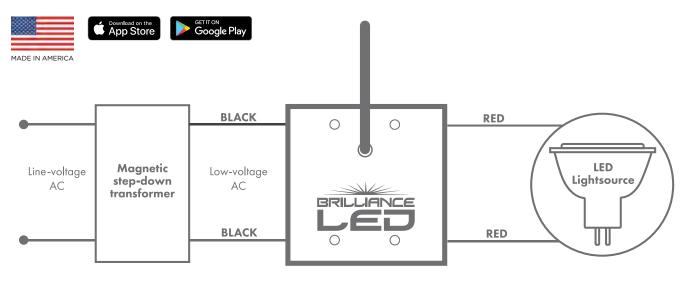
#### **FEATURES**

- Wi-Fi Controlled through Brilliance Smart app
- Android & iPhone compatible
- Independently control/link multiple dimmers together
- 200 Watt Maximum
- Installs in double-gang deep junction box on the low-voltage side of the magnetic step-down transformer
- Current capacity: 16 Amps
- Always use supplied gasket
- No minimum load
- AC input, DC output
- Made in Carefree, AZ, USA



#### Part Number: 12-VAC-LOW-VOLTAGE-ZONE-CONTROL

Wattage	200
Imput Voltage	12 VAC
IP	63
Warranty (years)	3



## BRILLIANCE LED DIMMER

#### DESCRIPTION

The Brilliance Dimmer provides 12 VAC dimming for up to 120 Watts. This unit can be mounted next to the 12 VAC transformer or anywhere in the field, and is compatible with all Brilliance LED lamps.

#### **FEATURES**

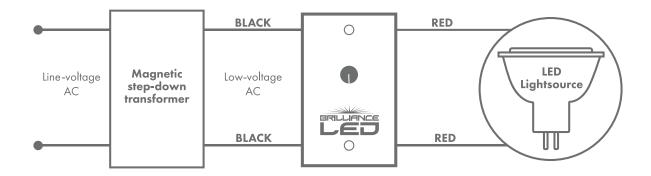
MADE IN AMERICA

- Installs in single-gang deep junction box on the low-voltage side of magnetic step-down transformer
- Current capacity: 10 Amps
- Always use supplied gasket
- No minimum load
- Dimmer range may vary depending upon load that is applied
- Made in Carefree, AZ, USA



### Part Number: 12-VAC-BRILLIANCE-DIMMER-SWITCH

Wattage	120
Operating Range	<b>12 VAC</b>
IP	63
Warranty (years)	3



## TRANSFORMER

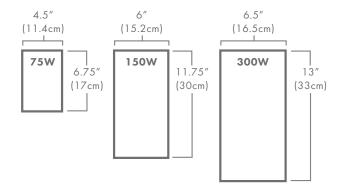
#### DESCRIPTION

The Brilliance Transformer is high-quality, stainless steel cased, & multi tapped. Available in 3 wattages sure to accomplish any level of project and work beautifully with the Brilliance LED line.

#### **FEATURES**

- UL 1838 compliant
- Secondary circuit breaker
- Photocell compatible
- 5 <sup>1/2</sup> and <sup>3/4</sup>" knockouts
- Removable bottom
- 6ft Grounded plug
- Multi tap: 12V & 15V (75W)
- Multi tap: 12V, 13V, 14V, & 15V (150W/300W)
- Analog timer (75W)
- Digital timer (150W/300W)

Wattage	75, 150, 300
Finish	<b>Stainless Steel</b>
Warranty (years)	10



#### Part Number: BRI-XFORMER-XXX

Wattage





# ANDSCAPE LIGHTING FIXTURES



Metal Works Website

## ACADIA MR11 Directional Light



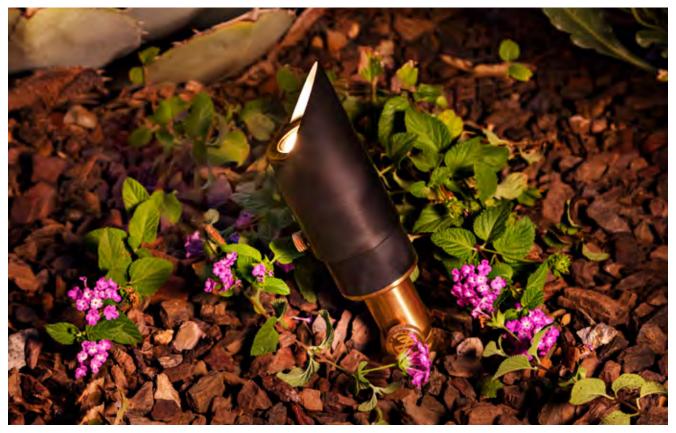
#### DESCRIPTION

This Brilliance MR11 Directional Light comes complete with an adjustable glare shield, Brilliance Metal Works signature adjusting system with 22 points of articulation in 10 degree increments, ABS mounting stake, and Lighting Shrink professional crimp and heat shrink cable connector. Part Number: ACADIA DL-MR11-CU-(NL) BR-(NL) BR-BLK-(NL)

#### LAMP: MR11, 2W, 2700K, 30°

**FINISH:** Brass, copper, or blackened brass **USE:** Uplighting, grazing, backlighting, and wall washing (when used with 120° lamps only)





ACADIA DL-MR11-BR-BLK

#### **INSTALLING THE LAMP**

- 1. Loosen the thumbscrew on the adjustable shield and remove it from the fixture body.
- 2. Unscrew the fixture body from the base.
- 3. Install the lamp in the socket with the tension spring behind the body of the lamp.
- 4. After lamp is installed, compress the tension spring as you thread the metal body into the base.
- 5. Return the adjustable shield to the desired position and tighten the thumbscrew to hold it in place.

#### INSTALLING THE GROUND STAKE

- 1. Dig a hole in the ground approximately 4" wide by 10" deep. A rubber
- mallet may be used to drive the stake into the ground when working with soft soil.
- 2. Lay the power cable from the fixture into the slotted relief on the stake.
- 3. Screw the fixture into the stake.
- 4. Use a level to assure the top of the stake is level with the ground.

#### ADJUSTING THE FIXTURE

- 1. Turn the knuckle counter-clockwise to loosen the knuckle.
- 2. Rotate the fixture vertically to the desired position.
- 3. Turn the knuckle clockwise to hold it in the desired position.

Adjusting the fixture allows for dark sky ordinance applications.

## DENALI MR16 Directional Light



#### DESCRIPTION

The Brilliance MR16 Directional Light comes complete with an adjustable glare shield, Brilliance Metal Works signature adjusting system with 22 points of articulation in 10 degree increments, ABS mounting stake, and LightingShrink professional crimp and heat shrink cable connector.

#### LAMP: MR16, 4W, 2700K, 30°

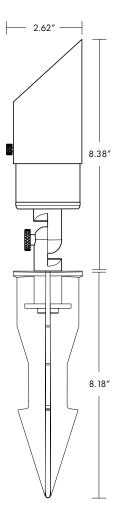
**FINISH:** Brass, copper, or blackened brass **USE:** Uplighting, grazing, backlighting, and wall washing (when used with 120° lamps only)



Brass (BR)



Part Number: DENALI DL-MR16-CU-(NL) BR-(NL) BR-BLK-(NL)





**DENALI DL-MR16-CU** 

#### **INSTALLING THE LAMP**

- 1. Loosen the thumbscrew on the adjustable shield and remove it from the fixture body.
- 2. Unscrew the fixture body from the base.
- 3. Install the lamp in the socket with the tension spring behind the body of the lamp.
- 4. After the lamp is installed, compress the tension spring as you thread the metal body onto the base.
- 5. Return the adjustable shield to the desired position and tighten the thumbscrew to hold it in place.

#### INSTALLING THE GROUND STAKE

- 1. Dig a hole in the ground approximately 4" wide by 10" deep. A rubber
- mallet may be used to drive the stake into the ground when working with soft soil.
- 2. Lay the power cable from the fixture into the slotted relief on the stake.
- 3. Screw the fixture into the stake.
- 4. Use a level to assure the top of the stake is level with the ground.

#### ADJUSTING THE FIXTURE

- 1. Turn the knuckle counter-clockwise to loosen the knuckle.
- 2. Rotate the fixture vertically to the desired position.
- 3. Turn the knuckle clockwise to hold it in the desired position.

Adjusting the fixture allows for dark sky ordinance applications.

## GRAND CANYON PAR36 Directional Light



#### DESCRIPTION

The Brilliance Grand Canyon Directional Light comes complete with a built-in glare shield, Brilliance Metal Works signature adjusting system with 22 points of articulation in 10-degree increments, ABS mounting stake, and LightingShrink professional crimp and heat shrink cable connector.

#### LAMP: PAR36, 7W, 2700K, 30°

FINISH: Brass, copper, or blackened brass USE: Uplighting, grazing, backlighting, and wall washing (when used with 120° lamps only)



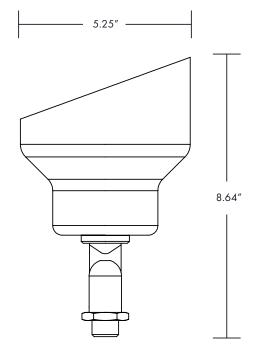


Brass (BR)

Copper (CU)

Blackened Brass (BR-BLK)









**GRAND CANYON DL-PAR36-CU** 

#### **INSTALLING THE LAMP**

- 1. Loosen the terminal screws on the PAR36 lamp.
- 2. Slide the "U" terminal connector under each terminal screw and tighten.
- 3. Set the edge of the lamp onto the first 2 stainless steel flex fingers. Pull back on the remaining flex finger and snap the lamp into the fixture.

#### INSTALLING THE GROUND STAKE

- Dig a hole in the ground approximately 4" wide by 10" deep. A rubber mallet may be used to drive the stake into the ground when working with soft soil.
- 2. Lay the power cable from the fixture into the slotted relief on the stake.
- 3. Screw the fixture into the stake.
- 4. Use a level to assure the top of the stake is level with the ground.

#### ADJUSTING THE FIXTURE

- 1. Turn the knuckle counter-clockwise to loosen the knuckle.
- 2. Rotate the fixture vertically to the desired position.
- 3. Turn the knuckle clockwise to hold it in the desired position.

Adjusting the fixture allows for dark sky ordinances applications.

## ARCHES MR16 Directional Down Light



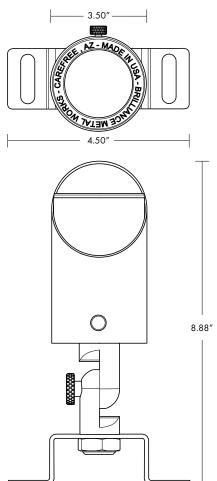
#### DESCRIPTION

The Brilliance MR16 Directional Down Light comes complete with an adjustable glare shield, Brilliance Metal Works signature adjusting system with 22 points of articulation in 10 degree increments, a LightingShrink professional crimp and heat shrink cable connector, and a machined mounting canopy. Part Number: ARCHES DDL-MR16-CU-(NL) BR-(NL) BR-BLK-(NL)

#### LAMP: MR16, 4W, 2700K, 30°

Optional Accessory Tree Bracket (pg# 67) FINISH: Brass, copper or blackened brass USE: Surface mounted up and down lighting techniques







**ARCHES DDL-MR16-CU** 

#### **INSTALLING THE LAMP**

- 1. Loosen the thumbscrew on the adjustable shield and remove it from the fixture body.
- 2. Unscrew the fixture body from the base.
- 3. Install the lamp in the socket with the tension spring behind the body of the lamp.
- 4. After the lamp is installed, compress the tension spring as you thread the metal body back into base.
- 5. Return the adjustable shield to the desired position and tighten the thumbscrew to hold it in place.

#### INSTALLING FIXTURES TO SURFACE MOUNT

IMPORTANT: DO NOT INSTALL ON, OR NEAR ANY HIGH VOLTAGE POWER LINES

#### ADJUSTING THE FIXTURE

- 1. Turn the knuckle counter-clockwise to loosen the knuckle.
- 2. Rotate the fixture vertically to the desired position.
- 3. Turn the knuckle clockwise to hold it in the desired position.

See alternative mounting option on page #67

## GLACIER Hanging Down Light



#### DESCRIPTION

The Brilliance Hanging Down Light comes with LightingShrink professional crimp and heat shrink cable connector.

LAMP: Chameleon MR16

FINISH: Brass, copper, blackened brass, or frosted acrylic USE: Down lighting techniques in trees or architecture by hanging on a chain or cable.

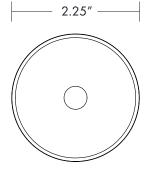
Part Number: GLACIER HDL-MR16-CU-FRST-(NL) BR-FRST-(NL) BR-BLK-FRST-(NL)



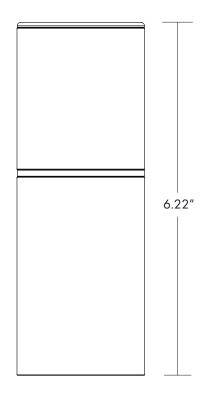
Brass (BR)

Copper (CU)











**GLACIER HDL-MR16-CU-FRST** 

#### INSTALLING THE FIXTURE

- 1. Unscrew the fixture body from the base.
- 2. Remove the stainless-steel snap ring from the lamp holder.
- 3. Install the lamp in the socket
- 4. Lay the front of the lamp inside the brass lamp holder and install the snap ring on the back-side lip of the MR16 lamp
- 5. Install the snap ring
- 6. Reinstall the lamp holder into the fixture body.

#### HANGING THE FIXTURE

- IMPORTANT: DO NOT INSTALL ON, OR NEAR ANY HIGH VOLTAGE POWER LINES
- 1. Hang the fixture from a secure stainless steel eye bolt, with or without a chain.
- 2. Create a drip loop with the wire by bending the wire to a slope one inch below the fixture cap

## BRYCE Hanging Down Light



#### DESCRIPTION

The Brilliance Hanging Down Light comes with LightingShrink professional crimp and heat shrink cable connector

LAMP: AR11, 2W, 2700K, 60° MR16, 4W, 2700K, 60° G4 Blaze for Frosted only FINISH: Brass, copper, blackened brass, or frosted acrylic

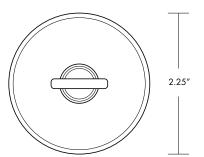
**USE:** Down lighting techniques in trees or architecture by hanging on a chain or cable

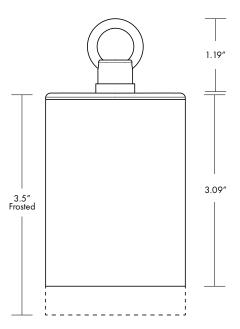
Part Number: BRYCE HDL-AR11-CU-(NL) BR-(NL) BR-BLK-(NL)

Part Number: BRYCE HDL-MR16-CU-(NL) BR-(NL) BR-BLK-(NL)

#### Part Number: BRYCE HDL-G4-FRST-(NL)









BRYCE HDL-AR11-CU

#### INSTALLING THE FIXTURE

- 1. Unscrew the fixture body from the base.
- 2. Install the lamp in the socket
- 3. Reinstall the fixture body.

#### HANGING THE FIXTURE

IMPORTANT: DO NOT INSTALL ON, OR NEAR ANY HIGH VOLTAGE POWER LINES

- 1. Hang the fixture from a secure stainless steel eye bolt, with or without a chain.
- 2. Create a drip loop with the wire by bending the wire to a slope one inch below the fixture cap





#### DESCRIPTION

The Brilliance Step Light comes with LightingShrink professional crimp and heat shrink cable connector.

LAMP: 1.5W, 110 Lumens, 2700K Integrated 7.5" Light Bar FINISH: Anodized Black machined aluminum, brass, blackened machined brass

**USE:** Jobs with elevation changes or dark sky requirements, step, deck, or hardscape applications and over most existing recessed step lights

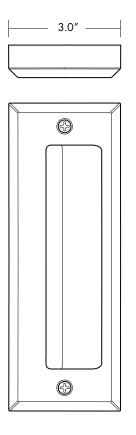


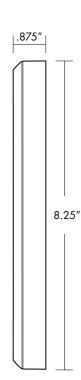
Anodized Black Aluminium

Brass (BR) Special Order



Special Order





Part Number: CASCADES SL-7.5LB-AL-BLK BR-BLK BR



CASCADES SL-7.5LB-AL-BLK

#### INSTALLING THE FIXTURE

- 1. Separate the two piece fixture by removing the two machine screws from either side of the body.
- 2. Install the wall anchors, if mounting in masonry, concrete, or sheetrock.
- 3. Use the provided cable connectors to connect the lead wires to the transformer main line.
- 4. Slide the cables into the conduit and mount the back plate onto the wall with the provided screws.
- 5. Screw the faceplate onto the fixture.

## PINNACLES Soft Accent Light



#### DESCRIPTION

The Brilliance Soft Accent Light comes complete with a frosted lens, Brilliance Metal Works signature adjusting system with 22 points of articulation in 10-degree increments, ABS mounting stake, and LightingShrink professional crimp and heat shrink cable connector.

#### LAMP: G4 Rectangular Wafer

FINISH: Brass, blackened brass

**USE:** Up lighting, grazing, and backlighting techniques. Best used when low level wall wash techniques are desired.





Brass (BR)

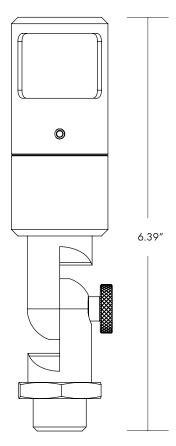
Blackened Brass (BR-BLK)



#### Part Number: PINNACLES DL-G4-BR-(NL) PINNACLES DL-G4-BR-BLK-(NL)



1.5" -





**PINNACLES DL-G4-BR** 

#### **INSTALLING THE LAMP**

- 1. Loosen the Allen set screw at the bottom of the fixture.
- 2. Remove the brass cap.
- 3. Install the G4 lamp into the socket.
- 4. Place the brass cap back on the fixture body.
- 5. Adjust the window in the direction light is desired.

#### INSTALLING THE FIXTURE

- 1. Dig a hole in the ground approximately 4" wide by 10" deep.
  - A rubber mallet may be used to drive the stake into the ground when working with soft soil.
- 2. Lay the power cable from the fixture into the slotted relief on the stake.
- 3. Screw the fixture into the stake.
- 4. Use a level to assure the top of the spike is level with the ground.

#### ADJUSTING THE FIXTURE

- 1. Turn the knuckle counterclockwise to loosen the knuckle.
- 2. Rotate the fixture vertically to the desired position.
- 3. Turn the knuckle clockwise to hold it in the desired position.

## OZARK Soft Accent Light



#### DESCRIPTION

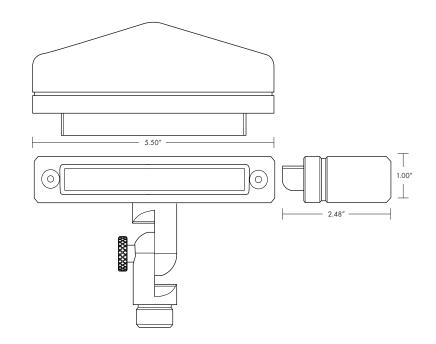
The Brilliance Soft Accent Light comes complete with a glare shield, Brilliance Metal Works signature adjusting system with 22 points of articulation in 10 degree increments, ABS mounting stake, and LightingShrink professional crimp and heat shrink cable connector.

LAMP: 1W, 110 Lumens, 2700K Integrated Small Light BarFINISH: Anodized Black machined aluminum, brass, blackened machined brass

**USE:** Up lighting, grazing, and backlighting techniques. Best used when low level wall wash techniques are required

Anodized Black Aluminium Brass (BR) Special Order Blackened Brass (BR-BLK) Special Order





#### Part Number: OZARK SAL-SLB-AL-BLK BR-BLK BR



OZARK SAL-SLB-AL-BLK

#### INSTALLING THE FIXTURE

- 1. Dig a hole in the ground approximately 4" wide by 10" deep. A rubber mallet may be used to drive the stake into the ground when working with soft soil.
- 2. Lay the power cable from the fixture into the slotted relief on the stake.
- 3. Screw the fixture into the stake.
- 4. Use a level to assure the top of the spike is level with the ground.

#### ADJUSTING THE FIXTURE

- 1. Turn the knuckle counter-clockwise to loosen the knuckle.
- 2. Rotate the fixture vertically to the desired position.
- 3. Turn the knuckle clockwise to hold it in the desired position.

### REDWOOD Path Light



#### DESCRIPTION

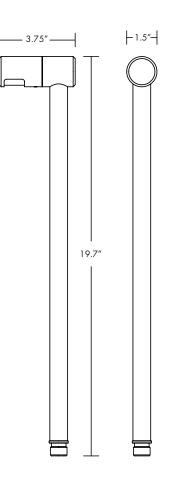
The Brilliance Metal Works Redwood Contemporary Path Light comes complete with a reflector window that can be adjusted from side to side and locked in with a set screw, ABS mounting stake, and LightingShrink professional crimp and heat shrink cable connector.

LAMP: G4 Rectangular Wafer FINISH: Brass, copper, or blackened brass USE: Path, area, and garden accent lighting

#### Part Number: REDWOOD PL-G4-BR-18-CU-STEM BR-STEM BR-BLK-STEM

Part Number: **REDWOOD PL-G4-BR-BLK-18-BR-BLK-STEM** \*All Black Fixture

Brass (BR) Copper (CU) Blackened Brass (BR-BLK)





**REDWOOD PL-G4-BR-18-CU-STEM** 

#### **INSTALLING THE LAMP**

- 1. Loosen the set screw at the bottom of the fixture.
- 2. Remove the brass cap.
- 3. Install the G4 Wafer into the socket.
- 4. Place the brass cap back on the fixture body.
- 5. Adjust the window in the direction light is desired.

#### INSTALLING THE GROUND STAKE

- 1. Dig a hole in the ground approximately 4" wide by 10" deep.
- A rubber mallet may be used to drive the stake into the ground when working with soft soil.
- 2. Lay the power cable from the fixture into the slotted relief on the stake.
- 3. Screw the fixture into the stake.
- 4. Use a level to assure the top of the spike is level with the ground.

#### ADJUSTING THE FIXTURE

- 1. Turn the threaded ring counterclockwise to loosen the lid.
- 2. Find the right light pattern by moving the lid up and down on the stem.
- 3. Turn the threaded ring clockwise to lock the lid into the desired position.

### SEQUOIA 7" Path Light



#### DESCRIPTION

The Brilliance 7" Path Light comes complete with a fully adjustable reflector top, ABS mounting stake, and LightingShrink professional crimp and heat shrink cable connector. It can be paired with a standard 18" stem or 14-24" adjustable stem.

#### LAMP: Beacon G4, 2700K

**FINISH:** Brass, copper, or blackened brass **USE:** Path, area, and garden accent lighting



Fixed Stem Option

Fixed Stem Option (F)

Adjustable Stem Option (A)



#### Part Number: SEQUOIA PL-7-G4-CU-A-(NL) CU-F-(NL) BR-A-(NL) BR-F-(NL) BR-BLK-A-(NL) BR-BLK-F-(NL)



SEQUOIA PL-7-G4-CU-F

#### **INSTALLING THE LAMP**

- 1. Unscrew the threaded ring towards the stem.
- 2. Unscrew the lid from the stem.
- 3. Install the G4 lamp into the socket.
- 4. Screw the lid onto the stem
- 5. Adjust the threaded ring until desired light pattern is achieved.

#### INSTALLING THE GROUND STAKE

- 1. Dig a hole in the ground approximately 4" wide by 10" deep. A rubber
- mallet may be used to drive the stake into the ground when working with soft soil.
- 2. Lay the power cable from the fixture into the slotted relief on the stake.
- 3. Screw the fixture into the stake.
- 4. Use a level to assure the top of the stake is level with the ground, or put a level on the stem of the fixture.

#### ADJUSTING THE FIXTURE:

- 1. Turn the threaded ring counter clockwise to loosen the lid.
- 2. Find the right light pattern by moving the lid up and down on the stem.
- 3. Turn the threaded ring clockwise to lock the lid into the desired position.
- 4. For adjustable stem models, adjust the stem length by loosening the set screw, finding the desired length, and tightening the set screw to hold it in place.

### ZION 4" Path Light



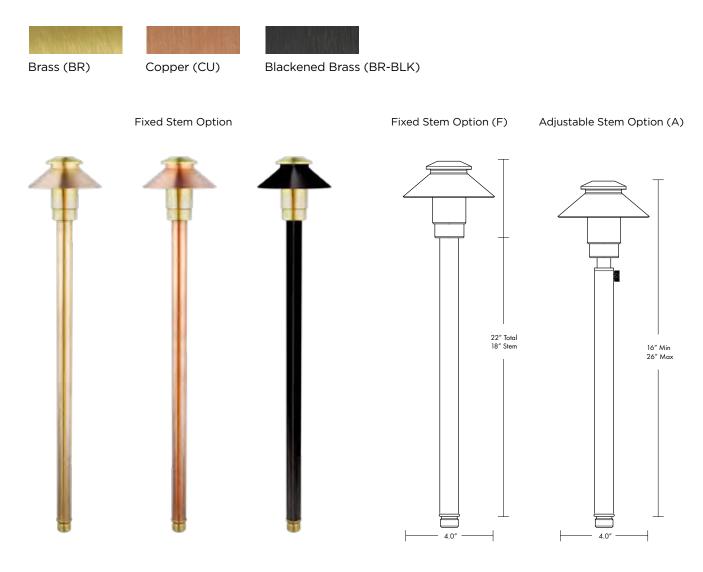
#### DESCRIPTION

The Brilliance 4" Path Light comes complete with a fully adjustable reflector top, ABS mounting stake, and LightingShrink professional crimp and heat shrink cable connector. It can be paired with a standard 18" stem or 14-24" adjustable stem.

Part Number: ZION PL-4-G4-CU-A-(NL) CU-F-(NL) BR-A-(NL) BR-F-(NL) BR-BLK-A-(NL) BR-BLK-F-(NL)

#### LAMP: Beacon G4, 2700K

**FINISH:** Brass, copper, or blackened brass **USE:** Path, area, and garden accent lighting





**ZION PL-4-G4-CU-F** 

#### **INSTALLING THE LAMP**

- 1. Unscrew the threaded ring towards the stem.
- 2. Unscrew the lid from the stem.
- 3. Install the G4 lamp into the socket.
- 4. Screw the lid onto the stem.
- 5. Adjust the threaded ring until desired light pattern is achieved.

#### INSTALLING THE GROUND STAKE

- 1. Dig a hole in the ground approximately 4" wide by 10" deep. A rubber
- mallet may be used to drive the stake into the ground when working with soft soil.
- 2. Lay the power cable from the fixture into the slotted relief on the stake.
- 3. Screw the fixture into the stake.
- 4. Use a level to assure the top of the stake is level with the ground, or put a level on the stem of the fixture.

#### ADJUSTING THE FIXTURE:

- 1. Turn the threaded ring counter clockwise to loosen the lid.
- 2. Find the right light pattern by moving the lid up and down on the stem.
- 3. Turn the threaded ring clockwise to lock the lid into the desired position.
- 4. For adjustable stem models, adjust the stem length by loosening the set screw, finding the desired length, and tightening the set screw to hold it in place.

### OLYMPIC Bollard Light



#### DESCRIPTION

The Olympic Bollard Light comes complete with an ABS mounting stake, a LightingShrink professional crimp and heat shrink cable connectors. Optional Chameleon MR16 Lamp. (pg# 43) This path light is a perfect way to add color to your pathways and walkways.

### Part Number: OLYMPIC BL-16-MR16-FRST-BR-(NL) CU-(NL) BR-BLK-(NL)

#### LAMP: Chameleon MR16

**FINISH:** Brass, copper, or blackened brass **USE:** Path, area, and garden accent lighting





OLYMPIC BL-16-MR16-FRST-CU

#### **INSTALLING THE LAMP**

- 1. Unthread acrylic top assembly
- 2. Install the MR-16 lamp using the supplied snap ring (no tools required)
- 3. Install socket onto lamp
- 4. Screw the acrylic top assembly into fixture

#### INSTALLING THE GROUND STAKE

- 1. Dig a hole in the ground approximately 4" wide by 10" deep. A rubber
- mallet may be used to drive the stake into the ground when working with soft soil.
- 2. Lay the power cable from the fixture into the slotted relief on the stake.
- 3. Screw the fixture into the stake.
- 4. Use a level to assure the top of the stake is level with the ground, or put a level on the stem of the fixture.

### CARLSBAD Underground Uplight



**DESCRIPTION**Part Number:The Brilliance Carlsbad Underground Uplight comes The<br/>Carlsbad is fitted for any of our MR16 lamps and really<br/>comes to life with the new Chameleon MR16.Part Number:

Part Number: CARLSBAD-MR16-BR-(NL) CU-(NL) BR-BLK-(NL)

LAMP: MR16 4W, 2700K, 30° FINISH: Brass, copper, or blackened brass USE: Well Light







Brass (BR)

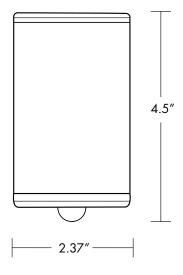
Copper (CU)

Blackened Brass (BR-BLK)











CARLSBAD-MR16-CU

#### **INSTALLING THE LAMP**

- 1. Remove the rear cap and pull out the spring.
- 2. Set the MR16 on top of the spring and plug into the socket.
- 3. Insert this assembly into the fixture body with the front of the lamp toward the lens.
- 4. Screw the back cap onto the fixture body and hand tighten.

#### INSTALLING THE FIXTURE

- 1. Dig a hole in the ground approximately 8" wide by 10" deep.
- 2. Connect the power cable to the fixture, leaving 2 feet of wire coiled in the bottom of the fixture for future service.
- 3. Pour 5" of pea gravel in the hole.
- 4. Place the fixture in the center of the hole.
- 5. Add more pea gravel to fill the hole 1" before the fixture lip.

This will allow for proper drainage around the fixture.

6. Apply glass wax on top of the lens to protect against standing water.

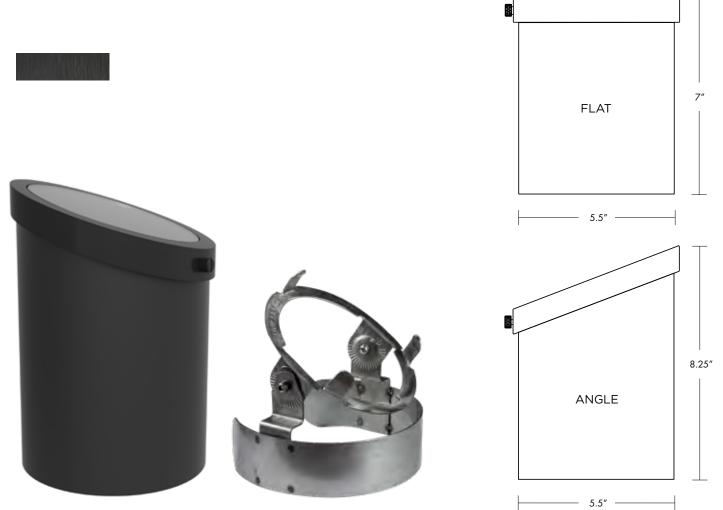


#### DESCRIPTION

The Yosemite Well Light comes in two variations: a flat top or an angled top. The Yosemite is fitted for any of our PAR36 lamps and really comes to life with the new Chameleon PAR36. Both the flat and angled top come in a black finish.

OPTIONAL LAMP: PAR36, 7W, 2700K, 30° FINISH: Black USE: Well Light

- Stainless steel heavy duty adjustable gimbal
- Black Brass cover with glass



#### PART NUMBER: YOSEMITE WL-PAR36-FLAT-(NL) YOSEMITE WL-PAR36-ANGLE-(NL)



**YOSEMITE WL-PAR36-FLAT** 

#### INSTALLING THE LAMP

- 1. Loosen the thumbscrew on the lens cap and remove the lens cap and the stainless steel gimbal from inside the Yosemite.
- 2. Install the lamp and snap it into the gimbal.
- 3. Return the gimbal to the Yosemite.

- 1. Dig a hole in the ground approximately 12" wide by 14" deep.
- 2. Connect the power cable to the fixture, leaving 2 feet of wire coiled in the bottom of the fixture for future service.
- 3. Pour 8" of pea gravel in the hole.
- 4. Place the fixture in the center of the hole.
- 5. Add more pea gravel to fill the hole 1" before the fixture lip. This will allow for proper drainage around the fixture.
- 6. Place the specified lens assembly on the top of the fixture and tighten the set screw. Use the specified lens in all applications to protect from debris.
- 7. Apply glass wax on top of the lens to protect against standing water.



#### DESCRIPTION

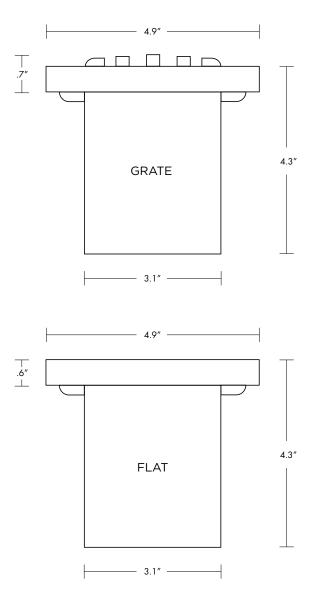
The Biscayne Well Light comes in two variations: a flat top or a grate top. The Biscayne is fitted for any of our MR16 lamps and really comes to life with the new Chameleon MR16.

OPTIONAL LAMP: MR16, 4W, 2700K, 30° FINISH: Black USE: Well Light

#### PART NUMBER: BISCAYNE WL-MR16-FLAT-(NL) BISCAYNE WL-MR16-GRATE-(NL)









**BISCAYNE WL-MR16-GRATE** 

#### INSTALLING THE LAMP

- 1. Loosen the allen screws on the lens cap and remove.
- 2. Install the lamp into the socket and adjust the gimbal the desired direction.
- 3. Return the lens cap and tighten the screws to a snug hand tight.

- 1. Dig a hole in the ground approximately 8" wide by 10" deep.
- 2. Connect the power cable to the fixture, leaving 2 feet of wire coiled in the bottom of the fixture for future service.
- 3. Pour 8" of pea gravel in the hole.
- 4. Place the fixture in the center of the hole.
- 5. Add more pea gravel to fill the hole 1" before the fixture lip. This will allow for proper drainage around the fixture.
- 6. Apply glass wax on top of the lens to protect against standing water.

### TEE WALL WASHER



#### DESCRIPTION

The Brilliance Tee Wall Washer Light comes complete with a one-piece stainless-steel ground stake and glare shield. Included in the box is one pair of LightingShrink professional crimp and heat shrink cable connectors.

LAMP: 1.5W, 100 Lumens, 2700K, 180°
 Integrated small Light Bar
 SHROUD FINISH: Copper, Brass, and Blackened Brass
 USE: Up lighting, grazing, and backlighting techniques

PART NUMBER: TEE-WALL-WASHER-BRASS COPPER BRASS-BLK







Copper (CU)

Blackened Brass (BRASS-BLK)

# 6 5.35" 0 1.58"0 0 0 5.35"0 0 0 5.8"

- 1. Dig a hole in the ground approximately 1" wide by 4" deep.
- 2. Insert the built-in stake into the hole and aim the fixture in the desired direction and angle.
- 3. For soft soil, gently push the stake into the ground.
- 4. Lay the power cable from the fixture into the existing cable trench and use the Lighting Shrink cable connector to join the fixture cable to the main cable.

### SURFACE MOUNT WALL WASH

#### DESCRIPTION

The Brilliance Metal Works Surface Mount Wall Wash comes in 2 sizes (small and medium) for any wall or hardscape lighting need. It comes complete with LightingShrink professional crimp and heat shrink

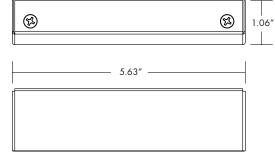
Medium 2.5W, 200 Lumens, 2700K Light Bar FINISH: Copper, Brass, and Blackened Brass USE: Jobs with elevation changes or dark sky

cable connector and an integrated Light Bar. LAMP: Small 1.5W, 110 Lumens, 2700K Light Bar

requirements, step, deck, or hardscape applications



**MEDIUM-BLACKENED BRASS** 

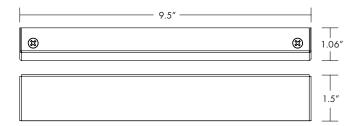


Copper (CU)

PART NUMBER:



Blackened Brass (BR-BLK)



- 1. Separate the two-piece fixture by removing the two machine screws from the top of the body.
- 2. Install the wall anchors, if mounting in masonry, concrete, or sheetrock.
- 3. Use the provided cable connectors to connect the lead wires to the transformer main line.
- 4. Slide the cables into the conduit and mount the back plate onto the wall with the provided screws.
- 5. Screw the glare hood onto the fixture.





### LIGHT BAR

#### DESCRIPTION

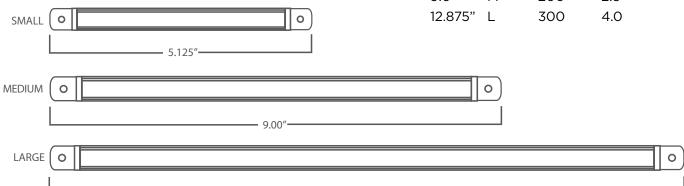
The Light Bar is perfect for mounting under any surface or surface front: stairs, bars, benches, cap stones, walls, etc. The Light Bar is easy to install and comes in a small, medium, and large option. Its rugged construction and anodized aluminum rail makes it a great fit for heavy traffic areas.

#### **FEATURES**

- "Continuous Light" frosted design
- 6' lead of 18 gauge direct burial wire
- Dimmable with most magnetic transformers
- Mounting Brackets available
- Shields available in copper and stainless steel for SMALL & MEDIUM only

NOT for installation within 10 ft of swimming pool per NEC Article 411-2 ATTENTION: Operating voltage range is 8-18 Volts AC/DC

Sizes	Small, Medium, Large
Kelvin Temperature	2700
Operating Range	8-18 VAC
Input Voltage	12 VAC
CRI	85
IP	65
Warranty (years)	5



- 12.875″ -





Part Number:	BRI-XXXX-LED-X
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Light Bar=LB Size Mounting Bracket=MB LB + MB Kit=LBMB

### Optional Light Bar Shield (S & M only)

Part Number: LBS X XXXXXX

Size Material Copper Steel

Name	Lumens	Watts
S	110	1.5
М	200	2.5
L	300	4.0
	S	M 200

## REPLACEMENT PARTS





**MR-11 SHIELD** Brass: 700118612965 Blackened Brass: 723888859248 Copper: 700118612958



**MR-16 SHIELD** Brass: 700118612941 Blackened Brass: 723888859231 Copper: 700118612934



**SEQUOIA TOP** Brass: 700118612927 Blackened Brass: 723888859224 Copper: 700118612910



**ZION TOP** Brass :700118612903 Blackened Brass: 723888859217 Copper: 700118612897



**PATHLIGHT GLASS** UPC #'s 700118612880



**ABS MOUNTING STAKE** UPC #'s 700118612972

### ACCESSORIES



#### CHAMELEON PROGRAMMING PUCK UPC# 700118615652

This handy tool helps with the set up of the new Chameleon MR16 and PAR36 lamps, using any 12 volt AC or DC power source. Battery pack and batteries included.



#### **90 DEGREE ADAPTER**

Add to any one of our fixtures such as a Denali or Acadia to an 18" riser to create a versatile one of a kind lighting solution. Available in one, two and three way mounting points.

-90-X-18 Add to the suffix of your fixture part number.



#### THE IMPALER UPC# 723888859125

Made of stainless steel and measuring 12.5 inches long, this stake will ensure the security of any fixture. The two wholes allow for rebar to run through the stake for extra security.



#### DIRECTIONAL DOWNLIGHT TREE MOUNT UPC# 700118615645

This tree mount allows for the Arches fixture to be mounted by screws or a fastening belt around any post or tree. Screws and wrench included.



### ACCESSORIES



#### DECK MOUNT UPC# BRASS 723888859477 UPC# BRASS BLACK 723888859484 UPC# BLACK ALUMINUM 723888859491

The Brilliance Metal Works deck mount is made from solid round aluminum or brass stock. It is machined through a CNC computerized process making it a virtually flawless design. Three mounting holes allow the canopy to be installed evenly on any hard-flat surface. A cable relief slot is located on the bottom side of the mount. Designed with a 1/2" NPT female thread and accepts all Brilliance metal works stem and knuckled fixtures.



#### MR11/MR8 RING ADAPTERS UPC# 723888859828

Adapters for MR11 and MR8 lamps to fit inside MR16 sized fixtures. Includes both MR11 and MR8 adapter rings.



shown: MR11 Adapter

### AQUABEAM



#### DESCRIPTION

The Brilliance AquaBeam is designed specifically for high lumen output and superior color rendition for extremely wet or underwater applications. It is fully potted, fabricated from precision machined aluminum, and coated to resist abrasion and corrosion in the harshest environments.

#### **FEATURES**

- Fully submersible application
- Dimmable with most magnetic transformers
- The latest in CREE COB technology
- Environmentally friendly & energy efficient
- 25ft Lead

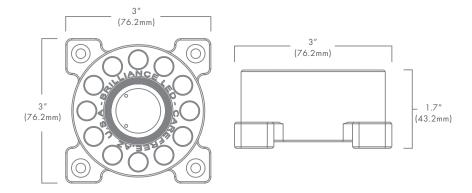


#### Part Number: AQUABEAM-XX-XXXX

I I Wattage Kelvin/Color

Wattage	5, 10
Lumens	350, 700
Beam Spread	<b>45</b> °
Color	Red, Blue, Green, Amber
Kelvin Temperature	2700, 3000, 5700
Operating Range	8-18 VAC/DC
IP	68
CRI	83
Lamp Life (hours)	50,000
Warranty (years)	5

\*Note: Corrosive chemicals in the water of ponds and fountains as well as natural hard water and salt water could affect the appearance of the coating, but will not impact functionality of the product. For this reason, Brilliance LED makes no warranty or guarantee for change in appearance when this product is used in water, as it is designed to be used. (NOT for installation within 10 ft of swimming pool per NEC Article 411-2)



## ADJUSTABLE AQUABEAM



#### DESCRIPTION

The Brilliance Adjustable AquaBeam is designed specifically for high lumen output and superior color rendition for extremely wet or underwater applications. It is fully potted and fabricated from precision machined C464 Naval Brass.

#### FEATURES

- Fully submersible application
- Dimmable with most magnetic transformers
- The latest in CREE COB technology
- Environmentally friendly & energy efficient
- Vertical and horizontal adjustments
- 316 Stainless Steel Bracket (marine grade)
- 25ft Lead

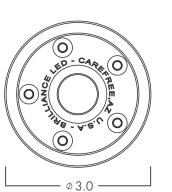


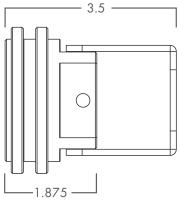
Part Number: ADJ-AQUABEAM-XX-XXXX

Wattage5, 10Lumens350, 700Beam Spread45°ColorRed, GreKelvin Temperature2700, 30Operating Range8-18 VAOIP68CRI83Lamp Life (hours)50,000Warranty (years)5

5, 10 350, 700 45<sup>°</sup> Red, Green, Blue, Amber 2700, 3000, 5700 8-18 VAC/DC 68 83 50,000

\*Note: Corrosive chemicals in the water of ponds and fountains as well as natural hard water and salt water could affect the appearance of the coating, but will not impact functionality of the product. For this reason, Brilliance LED makes no warranty or guarantee for change in appearance when this product is used in water, as it is designed to be used. (NOT for installation within 10 ft of swimming pool per NEC Article 411-2)





### NICHE LIGHT

#### DESCRIPTION

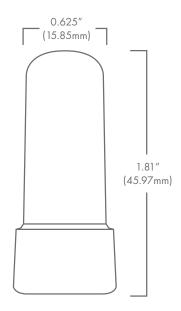
The Brilliance Niche Light is the perfect lamp to bring light to hard to reach places, whether under water, in a water feature, under stairs, stone walls, stone lanterns, or any small space. This omnidirectional product solves the issue of fitting a fixture and a lamp into a small area. The Niche Light is wired with a 10ft lead and is ready to plug and play anywhere.

#### **FEATURES**

- 10ft wire
- Water safe
- All in one lamp and fixture

Wattage	3
Lumens	215
Kelvin Temperature	2700
Operating Range	12 VAC/DC
IP	68
CRI	90
Lamp Life (hours)	30,000
Warranty (years)	3

\*Note: Corrosive chemicals in the water of ponds and fountains as well as natural hard water and salt water could affect the appearance of the coating, but will not impact functionality of the product. For this reason, Brilliance LED makes no warranty or guarantee for change in appearance when this product is used in water, as it is designed to be used. (NOT for installation within 10 ft of swimming pool per NEC Article 411-2)



#### Part Number: NICHE-LIGHT



### MINI BEAM

#### DESCRIPTION

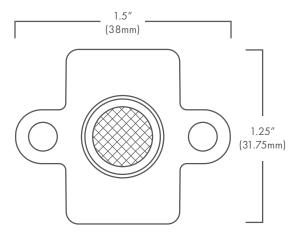
The Brilliance Mini Beam is the perfect lamp to bring light to hard to reach places, whether under water, in a water feature, under stairs, stone walls, stone lanterns, or any small space. This directional product solves the issue of fitting a fixture and a lamp into a small area. The Mini Beam is wired with a 6ft lead and is ready to plug and play anywhere.

#### **FEATURES**

- 6ft wire
- Water safe
- All in one lamp and fixture

Wattage	1.5
Beam Spread	<b>30</b> °
Lumens	90
Kelvin Temperature	2700
Color	Amber, Blue, Green
Operating Range	9-15 VAC/DC
IP	68
Lamp Life (hours)	30,000
Warranty (years)	3

\*Note: Corrosive chemicals in the water of ponds and fountains as well as natural hard water and salt water could affect the appearance of the coating, but will not impact functionality of the product. For this reason, Brilliance LED makes no warranty or guarantee for change in appearance when this product is used in water, as it is designed to be used. (NOT for installation within 10 ft of swimming pool per NEC Article 411-2)



Part Number: MINI-BEAM-XXXX



### PHOTOMETRICS

MR-8 2700K 15° CANDLEPOWER= 491.27		
Distance		Foot Candles
2 ft	6″	122.82
_4 ft	1′ 1″	30.70
6 ft	1′7″	13.65
8 ft	2′ 1″	7.68
10 ft	2' 8"	4.91
15 ft	3′ 11″	2.18
20 ft	5' 3"	1.23
30ft	7′ 11″	0.55
40 ft	10' 6"	0.31
50 ft	13′ 2″	0.20

MR-8 2700K 30° CANDLEPOWER = 263.11		
Distance		Foot Candles
2 ft	1′1″	65.78
4 ft	2′ 2″	16.44
6 ft	3′ 3″	7.31
8 ft	4' 3"	4.11
10 ft	5′ 4″	2.63
15 ft	8′	1.17
20 ft	10′ 9″	0.66
30ft	16′ 1″	0.29
40 ft	21′ 5″	0.16
50 ft	26' 10"	0.11

MR-8 2700K 60° CANDLEPOWER = 76.9		
Distance		Foot Candles
2 ft	2' 4"	19.23
4 ft	4' 8"	4.81
6 ft	6′ 11″	2.14
8 ft	9′ 3″	1.20
10 ft	11′6″	0.77
<u>15 ft</u>	17′ 4″	0.34
20 ft	23′ 1″	0.19
30ft	37′ 7″	0.09
40 ft	46′ 2″	0.05
50 ft	57' 8″	0.03

MR-8 2700K 120° CANDLEPOWER= 41.45		
Distance	Foo	t Candles
2 ft	6′ 11″	10.36
4 ft	13′ 10″	2.59
_6 ft	20′ 9″	1.15
8 ft	27′ 9″	0.65
10 ft	34' 8"	0.41
15 ft	52′	0.18
20 ft	69' 3″	0.10
30ft	103′ 11″	0.05
40 ft	138' 7"	0.03
50 ft	173′ 2″	0.02

MR/AR-11 2700K 15° CANDLEPOWER= 914.21		
Distance		Foot Candles
2 ft	6″	228.55
4 ft	1′1″	57.14
6 ft	1′ 7″	25.39
8 ft	2′1″	14.28
10 ft	2′ 8″	9.14
15 ft	3′11″	4.06
20 ft	5′ 3″	2.29
30ft	7′11″	1.02
40 ft	10′ 6″	0.57
50 ft	13′ 2″	0.37

MR/AR-11 2700K 30° CANDLEPOWER = 274.57		
Distance		Foot Candles
2 ft	1′1″	68.64
4 ft	2′ 2″	17.16
6 ft	3′ 3″	7.63
8 ft	4' 3″	4.29
10 ft	5' 4"	2.75
15 ft	8′	1.22
20 ft	10′ 9″	0.69
30ft	16′ 1″	0.31
40 ft	21′5″	0.17
50 ft	26' 10"	0.11

MR/AR-11_2700K 60° CANDLEPOWER = 114.1		
Distance		Foot Candles
2 ft	2′ 4″	28.53
4 ft	4' 8"	7.13
6 ft	6′ 11″	3.17
8 ft	9′ 3″	1.78
10 ft	11′6″	1.14
15 ft	17′ 4″	0.51
20 ft	23′ 1″	0.29
30ft	37' 7"	0.13
40 ft	46′ 2″	0.07
50 ft	57' 8"	0.05

MR-11 2700K 120° CANDLEPOWER = 60.68		
Distance		Foot Candles
2 ft	6′ 11″	15.17
4 ft	13' 10"	3.79
6 ft	20′ 9″	1.69
8 ft	27′ 9″	0.95
10 ft	34' 8"	0.61
15 ft	52′	0.27
20 ft	69' 3"	0.15
30ft	103′11″	0.07
40 ft	138′ 7″	0.04
50 ft	173′ 2″	0.02

MR-16 2700K 15° 4W CANDLEPOWER = 488.72		
Distance		Foot Candles
2 ft	6″	946.07
4 ft	1′1″	236.52
6 ft	1′7″	105.12
8 ft	2′1″	59.13
10 ft	2' 8″	37.84
15 ft	3′11″	16.82
20 ft	5' 3″	9.46
30ft	7′11″	4.20
40 ft	10′ 6″	2.37
50 ft	13′ 2″	1.51

MR-16 2700K 30° 4W CANDLEPOWER=232.03		
Distance		Foot Candles
2 ft	1'1"	552.71
4 ft	2' 2"	138.18
6 ft	3' 3"	61.41
8 ft	4' 3"	34.54
10 ft	5' 4"	22.11
15 ft	8′	9.83
20 ft	10' 9"	5.53
30ft	16′ 1″	2.46
40 ft	21′ 5″	1.38
50 ft	26′ 10″	0.88

MR-16 2700K 60° 4W CANDLEPOWER=123.45		
Distance		Foot Candles
2 ft	2′ 4″	215.84
4 ft	4' 8"	53.96
6 ft	6′ 11″	23.98
8 ft	9′ 3″	13.49
10 ft	11′6″	8.63
15 ft	17′ 4″	3.84
20 ft	23′ 1″	2.16
30ft	37′ 7″	0.96
40 ft	46′ 2″	0.54
50 ft	57' 8"	0.35

MR-16 2700K 120° 4W CANDLEPOWER=46.18		
Distance		Foot Candles
2 ft	6′ 11″	93.15
4 ft	13′ 10″	23.29
6 ft	20′ 9″	10.35
8 ft	27′ 9″	5.82
10 ft	34′ 8″	3.73
15 ft	52′	1.66
20 ft	69′ 3″	0.93
30ft	103′ 11″	0.41
40 ft	138′ 7″	0.23
50 ft	173′ 2″	0.15

MR-16 2700K 15° 5W CANDLEPOWER=565.78		
Distance		Foot Candles
2 ft	6″	1156.80
4 ft	1'1"	289.20
6 ft	1′ 7″	128.53
8 ft	2′1″	72.30
10 ft	2′ 8″	46.27
15 ft	3′ 11″	20.57
20 ft	5′ 3″	11.57
30ft	7′11″	5.14
40 ft	10′ 6″	2.89
50 ft	13′ 2″	1.85

MR-16 2700K 30° 5W CANDLEPOWER=280.99			
Distance		Foot Candles	
2 ft	1'1″	1099.60	
4 ft	2′ 2″	274.90	
6 ft	3′ 3″	122.18	
8 ft	4′ 3″	68.72	
10 ft	5′ 4″	43.98	
15 ft	8′	19.55	
20 ft	10′ 9″	11.00	
30ft	16′ 1″	4.89	
40 ft	21′ 5″	2.75	
50 ft	26′ 10″	1.76	

MR-16 2700K 60° 5W CANDLEPOWER=140.35		
Distance		Foot Candles
2 ft	2′ 4″	378.08
4 ft	4′ 8″	94.52
6 ft	6′ 11″	42.01
8 ft	9′ 3″	23.63
10 ft	11′6″	15.12
15 ft	17′ 4″	6.72
20 ft	23′ 1″	3.78
30ft	37′ 7″	1.68
40 ft	46′ 2″	0.95
50 ft	57′ 8″	0.60

MR-16 2700K 120° 5W CANDLEPOWER=56.86		
Distance		Foot Candles
2 ft	6′ 11″	114.70
4 ft	13′ 10″	28.67
6 ft	20′ 9″	12.74
8 ft	27′ 9″	7.17
10 ft	34′ 8″	4.59
15 ft	52′	2.04
20 ft	69′ 3″	1.15
30ft	103′11″	0.51
40 ft	138′ 7″	0.29
50 ft	173′ 2″	0.18

MR-16 2700K 15° 7W CANDLEPOWER=1003.17		
Distance	F	oot Candles
2 ft	6″	2236.9
4 ft	1′1″	559.24
6 ft	1′7″	248.55
8 ft	2′ 1″	139.81
10 ft	2' 8"	89.48
15 ft	3′11″	39.77
20 ft	5' 3"	22.37
30ft	7′11″	9.94
40 ft	10′ 6″	5.59
50 ft	13′ 2″	3.58

CANDLEPOWER=651		
Distance		Foot Candles
2 ft	1'1"	1391.34
4 ft	2′ 2″	347.84
6 ft	3' 3″	154.59
8 ft	4' 3"	86.96
10 ft	5' 4"	55.65
15 ft	8′	24.73
20 ft	10′ 9″	13.91
30ft	16′1″	6.18
40 ft	21′ 5″	3.48
50 ft	26' 10"	2.23

MR-16_2700K 60° 7W CANDLEPOWER=267.57		
Distance	F	oot Candles
2 ft	2′ 4″	710.46
4 ft	4′ 8″	177.61
6 ft	6′ 11″	78.94
8 ft	9′ 3″	44.40
10 ft	11′6″	28.42
15 ft	17′ 4″	12.63
20 ft	23′ 1″	7.10
30ft	37' 7"	3.16
40 ft	46′ 2″	1.78
50 ft	57' 8"	1.14

MR-16 2700K 120° 7W CANDLEPOWER=100.74		
Distance	Fo	ot Candles
2 ft	6′ 11″	203.21
4 ft	13′ 10″	50.80
6 ft	20′ 9″	22.58
8 ft	27′ 9″	12.70
10 ft	34′ 8″	8.13
15 ft	52′	3.61
20 ft	69′ 3″	2.03
30ft	103′11″	0.90
40 ft	138′ 7″	0.51
50 ft	173′ 2″	0.33

PAR-36 2700K 15° 4W CANDLEPOWER = 993.88		
Distance		Foot Candles
2 ft	6″	1728.60
4 ft	1′1″	432.15
6 ft	1′ 7″	192.07
8 ft	2′1″	108.04
10 ft	2′8″	69.14
15 ft	3′11″	30.73
20 ft	5' 3"	17.29
30ft	7′11″	7.68
40 ft	10′ 6″	4.32
50 ft	13′ 2″	2.77

PAR-36 2700K 30° 4W CANDLEPOWER = 615.10		
Distance		Foot Candles
2 ft	1′1″	1087.90
4 ft	2′ 2″	271.91
6 ft	3′ 3″	120.88
8 ft	4' 3″	67.99
10 ft	5′ 4″	43.52
15 ft	8′	19.34
20 ft	10′ 9″	10.88
30ft	16′ 1″	4.84
40 ft	21′ 5″	2.72
50 ft	26′ 10″	1.74

PAR-36 2700K 60° 4W CANDLEPOWER = 141.39		
Distance		Foot Candles
2 ft	2' 4"	356.96
4 ft	4' 8"	89.24
6 ft	6′ 11″	39.66
8 ft	9′ 3″	22.31
10 ft	11′6″	14.28
15 ft	17′ 4″	6.35
20 ft	23′ 1″	3.57
30ft	37′ 7″	1.59
40 ft	46′ 2″	0.89
50 ft	57′ 8″	0.57

PAR-36 2700K 120° 4W CANDLEPOWER=53.57		
Distance		Foot Candles
2 ft	6′ 11″	108.06
4 ft	13′ 10″	27.02
6 ft	20′ 9″	12.01
8 ft	27′ 9″	6.75
10 ft	34′ 8″	4.32
15 ft	52′	1.92
20 ft	69′ 3″	1.08
30ft	103′ 11″	0.48
40 ft	138′ 7″	0.27
50 ft	173′ 2″	0.17

PAR-36 2700K 15° 7W CANDLEPOWER = 1633.79			
Distance		Foot Candles	
2 ft	6″	2994.37	
4 ft	1′1″	748.59	
6 ft	1′7″	332.71	
8 ft	2′1″	187.15	
10 ft	2′ 8″	119.77	
15 ft	3′11″	53.23	
20 ft	5′ 3″	29.94	
30ft	7' 11″	13.31	
40 ft	10′ 6″	7.49	
50 ft	13' 2"	4.79	

PAR-36 2700K 30° 7W CANDLEPOWER = 921.93		
Distance		Foot Candles
2 ft	1'1"	1681.19
4 ft	2′ 2″	420.30
6 ft	3′ 3″	186.80
8 ft	4' 3″	105.07
10 ft	5' 4"	67.25
15 ft	8′	29.98
20 ft	10′ 9″	16.81
30ft	16′ 1″	7.47
40 ft	21′ 5″	4.20
50 ft	26' 10"	2.69

PAR-36 2700K 60° 7W CANDLEPOWER = 268.78		
Distance		Foot Candles
2 ft	2′ 4″	564.61
4 ft	4' 8"	141.15
6 ft	6′ 11″	62.73
8 ft	9′ 3″	35.29
10 ft	11′6″	22.58
15 ft	17′ 4″	10.04
20 ft	23′ 1″	5.65
30ft	37' 7"	2.51
40 ft	46' 2"	1.41
50 ft	57' 8″	0.90

PAR-36 2700K 120° 7W CANDLEPOWER = 62.75		
Distance	F	oot Candles
2 ft	6′11″	126.58
4 ft	13′ 10″	31.64
6 ft	20′ 9″	14.06
8 ft	27′ 9″	7.91
10 ft	34′ 8″	5.06
15 ft	52′	2.25
20 ft	69′ 3″	1.27
30ft	103′11″	0.56
40 ft	138′ 7″	0.32
50 ft	173′ 2″	0.20

PAR-36 2700K 15° 11W CANDLEPOWER =1524.06		
Distance		oot Candles
2 ft	6″	4721.78
4 ft	1′1″	1180.45
6 ft	1′7″	524.64
8 ft	2′1″	295.11
10 ft	2' 8"	188.87
15 ft	3′11″	83.94
20 ft	5′ 3″	47.22
30ft	7′11″	20.99
40 ft	10′ 6″	11.80
50 ft	13′ 2″	7.55

PAR-36 2700K 30° 11W CANDLEPOWER = 1453.65		
Distance		Foot Candles
2 ft	1'1″	1720.47
4 ft	2′ 2″	430.12
6 ft	3′ 3″	191.16
8 ft	4′ 3″	107.53
10 ft	5′ 4″	68.82
15 ft	8'	30.59
20 ft	10' 9"	17.20
30ft	16′ 1″	7.65
40 ft	21′ 5″	4.30
50 ft	26' 10"	2.75

PAR-36 2700K 60° 11W CANDLEPOWER = 326.08			
Distance		Foot Candles	
2 ft	2′ 4″	654.16	
4 ft	4′ 8″	16354	
6 ft	6′ 11″	72.68	
8 ft	9′ 3″	40.88	
10 ft	11′6″	26.17	
15 ft	17′ 4″	11.63	
20 ft	23′ 1″	6.54	
30ft	37' 7"	2.91	
40 ft	46′ 2″	1.64	
50 ft	57' 8″	1.05	

PAR-36 2700K 120°11W CANDLEPOWER = 169.14			
Distance	Fo	oot Candles	
2 ft	6′ 11″	341.19	
4 ft	13′ 10″	85.30	
6 ft	20′ 9″	37.91	
8 ft	27′ 9″	21.32	
10 ft	34′ 8″	13.65	
15 ft	52′	6.07	
20 ft	69′ 3″	3.41	
30ft	103′11″	1.52	
40 ft	138′ 7″	0.85	
50 ft	173′ 2″	0.55	

PAR-36 2700K 15° 15W CANDLEPOWER = 2332.45			
Distance		Foot Candles	
2 ft	6″	5585.89	
4 ft	1′1″	1396.47	
6 ft	1′7″	620.65	
8 ft	2′1″	349.12	
10 ft	2' 8"	223.44	
15 ft	3′11″	99.30	
20 ft	5' 3″	55.86	
30ft	7′11″	24.83	
40 ft	10′ 6″	13.96	
50 ft	13′ 2″	8.94	

PAR-36 2700K 30° 15W CANDLEPOWER = 2010.02		
Distance		Foot Candles
2 ft	1′1″	2252.99
4 ft	2′ 2″	563.25
6 ft	3′ 3″	250.33
8 ft	4' 3"	140.81
10 ft	5' 4"	90.12
15 ft	8′	40.05
20 ft	10′ 9″	22.53
30ft	16′ 1″	10.01
40 ft	21′5″	5.63
50 ft	26' 10"	3.60

PAR-36 2700K 60° 15W CANDLEPOWER = 518.25			
Distance		Foot Candles	
2 ft	2′ 4″	1141.96	
4 ft	4′ 8″	285.49	
6 ft	6′ 11″	126.88	
8 ft	9′ 3″	71.37	
10 ft	11′6″	45.68	
<u>15 ft</u>	17′ 4″	20.30	
20 ft	23′ 1″	11.42	
30ft	37′ 7″	5.08	
40 ft	46′ 2″	2.85	
50 ft	57' 8"	1.83	

PAR-36 2700K 120°15W CANDLEPOWER = 228.93		
Distance	Fc	oot Candles
2 ft	6′ 11″	461.80
4 ft	13′ 10″	115.45
6 ft	20′ 9″	51.31
8 ft	27′ 9″	28.86
10 ft	34′ 8″	18.47
15 ft	52′	8.21
20 ft	69′ 3″	4.62
30ft	103′ 11″	2.05
40 ft	138′ 7″	1.15
50 ft	173′ 2″	0.74

PAR-20 2700K 25° 7W CANDLEPOWER = 886.14			
Distance		Foot Candles	
2 ft	5″	221.54	
4 ft	1′ 9″	155.38	
6 ft	2′ 7″	24.62	
8 ft	3′ 6″	13.85	
10 ft	4′ 5″	8.86	
15 ft	6′7″	3.94	
20 ft	8' 10"	2.22	
30ft	13′ 3″	0.98	
40 ft	17′ 8″	0.55	
50 ft	22′ 2″	0.35	

PAR-20 2700K 40° 7W CANDLEPOWER = 460.25			
Distance		Foot Candles	
2 ft	1′ 5″	115.06	
4 ft	2′ 10″	28.77	
6 ft	4' 4"	12.78	
8 ft	5′ 9″	7.19	
10 ft	7′ 3″	4.61	
15 ft	10' 10"	2.05	
20 ft	14′ 6″	1.15	
30ft	21′10″	0.51	
40 ft	29′ 1″	0.29	
50 ft	36′ 4″	0.18	

PAR-20 3000K 25° 7W CANDLEPOWER= 1127.24			
Distance		Foot Candles	
2 ft	5″	281.81	
4 ft	1′ 9″	70.45	
6 ft	2' 7"	31.31	
8 ft	3′ 6″	17.61	
10 ft	4′ 5″	11.27	
15 ft	6′7"	5.01	
20 ft	8' 10"	2.82	
30ft	13′ 3″	1.25	
40 ft	17′ 8″	0.70	
50 ft	22′ 2″	0.45	

PAR-20 3000K 40° 7W CANDLEPOWER= 558.57		
Distance		Foot Candles
2 ft	1′ 5″	139.64
4 ft	2′ 10″	34.91
6 ft	4' 4"	15.51
8 ft	5' 9"	8.73
10 ft	7′ 3″	5.59
15 ft	10' 10"	2.48
20 ft	14′ 6″	1.40
30ft	21′ 10″	0.62
40 ft	29′1″	0.35
50 ft	36′ 4″	0.22

PAR-20 5700K 25° 7W CANDLEPOWER= 1335.83		
Distance		Foot Candles
2 ft	5″	333.96
4 ft	1′ 9″	83.49
6 ft	2′ 7″	37.11
8 ft	3' 6"	20.87
10 ft	4' 5"	13.36
15 ft	6' 7 "	5.94
20 ft	8′ 10″	3.34
30ft	13′ 3″	1.48
40 ft	17′ 8″	0.83
50 ft	22′ 2″	0.53

PAR-20 5700K 40° 7W CANDLEPOWER= 646.54		
Distance		Foot Candles
2 ft	1′ 5″	161.64
4 ft	2′ 10″	40.41
6 ft	4' 4"	17.96
8 ft	5′ 9″	10.10
10 ft	7′ 3″	6.47
15 ft	10′ 10″	2.87
20 ft	14′ 6″	1.62
30ft	21′10″	0.72
40 ft	29′ 1″	0.40
50 ft	36′ 4″	0.26

PAR-30 CANDLE		

Distance		Foot Candles
2 ft	5″	273.65
4 ft	1′9″	68.41
6 ft	2′ 7″	30.41
8 ft	3' 6"	17.10
10 ft	4' 5"	10.95
15 ft	6′7″	4.86
20 ft	8' 10"	2.74
30ft	13′ 3″	1.22
40 ft	17′ 8″	0.68
50 ft	22′ 2″	0.44

PAR-30 2700K 40° 12W CANDLEPOWER = 594.71		
Distance		Foot Candles
2 ft	1′ 5″	148.68
4 ft	2′ 10″	37.17
6 ft	4' 4"	16.52
8 ft	5' 9"	9.29
10 ft	7′ 3″	5.95
15 ft	10' 10"	2.64
20 ft	14′ 6″	1.49
30ft	21' 10"	0.66
40 ft	29′1″	0.37
50 ft	36′ 4″	0.24

PAR-30 3000K 25° 12W CANDLEPOWER= 1466.69		
Distance		Foot Candles
2 ft	5″	366.67
4 ft	1′ 9″	91.67
6 ft	2' 7"	40.74
8 ft	3' 6"	22.92
10 ft	4' 5"	14.67
15 ft	6′7"	6.52
20 ft	8' 10"	3.67
30ft	13′ 3″	1.63
40 ft	17′ 8″	0.92
50 ft	22′ 2″	0.59

PAR-30 3000K 40° 12W CANDLEPOWER= 926.70		
Distance		Foot Candles
2 ft	1′5″	231.68
4 ft	2′ 10″	57.92
6 ft	4' 4"	25.74
8 ft	5′ 9″	14.48
10 ft	7′ 3″	9.27
15 ft	10′ 10″	4.12
20 ft	14′ 6″	2.32
30ft	21′10″	1.03
40 ft	29′ 1″	0.58
50 ft	36′ 4″	0.37

PAR-30 5700K 25° 12W CANDLEPOWER = 1569.09		
Distance		Foot Candles
2 ft	5″	392.27
4 ft	1′9″	98.07
6 ft	2′ 7″	43.59
8 ft	3′ 6″	24.52
10 ft	4′ 5″	15.69
15 ft	6′7″	6.97
20 ft	8′ 10″	3.92
30ft	13′ 3″	1.74
40 ft	17′ 8″	0.98
50 ft	22′ 2″	0.63

PAR-30 5700K 40° 12W CANDLEPOWER = 1078.21			
Distance		Foot Candles	
2 ft	1′ 5″	269.55	
4 ft	2′ 10″	67.39	
6 ft	4' 4"	29.95	
8 ft	5′ 9″	16.85	
10 ft	7' 3″	10.78	
15 ft	10' 10"	4.79	
20 ft	14′ 6″	2.71	
30ft	21' 10"	1.20	
40 ft	29′ 1″	0.67	
50 ft	36′ 4″	0.43	

PAR-38 2700K 25° 17W CANDLEPOWER = 1468.5			
Distance		Foot Candles	
2 ft	5″	367.13	
4 ft	1′ 9″	91.78	
6 ft	2' 7"	40.79	
8 ft	3' 6"	22.95	
10 ft	4' 5"	14.69	
15 ft	6' 7 "	6.53	
20 ft	8′ 10″	3.67	
30ft	13′ 3″	1.63	
40 ft	17′ 8″	0.92	
50 ft	22′ 2″	0.59	

PAR-38 2700K 40° 17W CANDLEPOWER = 868.8			
Distance		Foot Candles	
2 ft	1′ 5″	217.20	
4 ft	2′ 10″	54.30	
6 ft	4′ 4″	24.13	
8 ft	5′ 9″	13.58	
10 ft	7′ 3″	8.69	
15 ft	10' 10"	3.86	
20 ft	14′ 6″	2.17	
30ft	21' 10"	0.97	
40 ft	29′ 1″	0.54	
50 ft	36′ 4″	0.35	

PAR-38 3000K 25° 17W CANDLEPOWER = 2313.89		
Distance		Foot Candles
2 ft	5″	578.47
4 ft	1′9″	144.62
6 ft	2′ 7″	64.27
8 ft	3′ 6″	36.15
10 ft	4' 5"	23.14
15 ft	6′7″	10.28
20 ft	8' 10"	5.78
30ft	13′ 3″	2.57
40 ft	17′ 8″	1.45
50 ft	22′ 2″	0.93

PAR-38 3000K 40° 17W CANDLEPOWER = 1126.77		
Distance		Foot Candles
2 ft	1′5″	281.69
4 ft	2' 10"	70.42
6 ft	4' 4"	31.31
8 ft	5′ 9″	17.61
10 ft	7′ 3″	11.27
15 ft	10′ 10″	5.01
20 ft	14′ 6″	2.82
30ft	21' 10"	1.25
40 ft	29′ 1″	0.70
50 ft	36′ 4″	0.45

PAR-38 5700K 25° 17W CANDLEPOWER = 2964.88		
Distance		Foot Candles
2 ft	5″	741.22
4 ft	1′ 9″	185.31
6 ft	2′ 7″	82.36
8 ft	3′ 6″	46.33
10 ft	4′ 5″	29.65
15 ft	6′7″	13.18
20 ft	8' 10"	7.41
30ft	13′ 3″	3.29
40 ft	17′ 8″	1.85
50 ft	22′ 2″	1.19

PAR-38 5700K 40° 17W CANDLEPOWER = 1349.93		
Distance		Foot Candles
2 ft	1′ 5″	337.48
4 ft	2′ 10″	84.37
6 ft	4' 4"	37.51
8 ft	5′ 9″	21.09
10 ft	7′ 3″	13.51
15 ft	10′ 10″	6.00
20 ft	14′ 6″	3.37
30ft	21' 10"	1.51
40 ft	29′ 1″	0.84
50 ft	36′ 4″	0.54

### VOLT AMPS

PRODUCT	WATT	POWER FACTOR	VOLT AMPS	TOTAL DRAW ON AC SYSTEM
MICROS	1.2	0.79	0.32	1.52
BEACONS	2.0	0.61	1.28	3.28
BEACON PLUS	3.0	0.66	1.55	4.55
G4 ECOSTAR 2W	2.0	0.60	1.33	3.33
G4 ECOSTAR 3W	3.0	0.60	2.00	5.00
BLAZE G4	2.0	0.60	1.33	3.33
G4 WAFERS	2.0	0.60	1.33	3.33
MR8	1.5	0.60	1.00	2.50
MR11	2.0	0.60	1.33	3.33
AR11	2.0	0.60	1.33	3.33
MR16 ECOSTAR	4.0	0.63	2.35	6.35
MR16 4W	4.0	0.63	2.35	6.35
MR16 5W	5.0	0.60	3.33	8.33
MR16 7W	7.0	0.63	4.11	11.11
PAR36 4W	4.0	0.60	2.00	5.00
PAR36 7W	7.0	0.65	3.77	10.77
PAR36 11W	11.0	0.69	4.94	15.94
PAR36 15W	15.0	0.70	6.43	21.43
STRIP LIGHT	1.8	0.60	1.20	3.00
S14 EDGE FILAMENT	3.5	0.89	0.43	3.93
S14 EDGE FILAMENT	1.5	0.89	0.18	1.68
CANDELABRA EDGE FIL.	2.0	0.85	0.35	2.35
CANDELABRA EDGE FIL.	3.5	0.85	0.62	4.12
CHAMELEON G4	3.5	0.59	2.43	5.93
CHAMELEON MR16	6.0	0.65	3.20	9.23
CHAMELEON PAR36	9.0	0.65	4.80	13.8
LIGHT BAR S	1.5	0.90	0.17	1.67
LIGHT BAR M	2.5	0.90	0.28	2.78
LIGHT BAR L	4.0	0.91	0.40	4.40

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BRI-BIPIN-MICRO-G4-2700	035127475202
BRI-BIPIN-MICRO-G4-3000	035127477688
BRI-BIPIN-MICRO-G4-5700	700118610749
BRI-BIPIN-MICRO-G4-RED	035127477275
BRI-BIPIN-MICRO-G4-GREEN	035127477282
BRI-BIPIN-MICRO-G4-BLUE	035127477299
BRI-BIPIN-MICRO-G4-AMBER	035127477305
BRI-MICRO-T5-2700	035127477176
G4-Ecostar-2W-2700	700118610855
G4-Ecostar-2W-3000	700118610961
G4-Ecostar-3W-2700	700118610862
G4-Ecostar-3W-3000	700118610978
SCB-Ecostar-3W-2700	700118611289
SCB-Ecostar-3W-3000	700118611296
T5-Ecostar-3W-2700	700118611302
T5-Ecostar-3W-3000	700118611319
Beacon-G4-2700	035127476827
Beacon-G4-3000	035127476834
Beacon-G4-5700	035127476841
Beacon-T5-2700	035127476964
Beacon-T5-3000	035127475561
Beacon-T5-5700	035127476971
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Beacon-DCB-2700	035127477619
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Beacon-DCB-5700	700118610756
Beacon-S8-2700	035127476858
Beacon-S8-3000	035127476919
Beacon-S8-5700	035127476926
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Beacon-Plus-3000	723888859385
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ADAPTER-A19/E26-TO-G4-BIPIN	MB2G4
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MR16-4-AMBER-60	035127473710
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MR16-4-ECO-3000-15	035127477749
MR16-4-ECO-5700-15	035127476995
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MR16-4-ECO-3000-30	035127477701
MR16-4-ECO-5700-30	035127477008
MR16-4-ECO-2700-60	035127476780
MR16-4-ECO-3000-60	035127477756
MR16-4-ECO-5700-60	035127477015
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PAR36-4-5700-30	700118611364
PAR36-4-2700-60	700118611258
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PAR36-7-5700-120	700118610879
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PAR36-11-AMBER-15	035127474519
PAR36-11-2200-30	035127474526
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PAR36-11-BLUE-60	035127474663
PAR36-11-AMBER-60	035127474670
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PAR36-15-2700-15	035127474694
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PAR36-15-5700-15	035127474717
PAR36-15-2200-30	035127474762
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PAR36-15-3000-30	035127474786
PAR36-15-5700-30	035127474793
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PAR36-15-2700-60	035127474854
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PAR36-15-5700-60	035127474878
PAR36-15-2700-120	035127477497
PAR36-15-3000-120	035127477503
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BRI-LB-LEDM	035127475622
BRI-LB-LEDL	035127475639
BRI-MB-LEDS	035127475653
BRI-MB-LEDM	035127475660
BRI-MB-LEDL	035127475677
BRI-LBMB-LEDS	035127475691
BRI-LBMB-LEDM	035127475707
BRI-LBMB-LEDL	035127475714
LBS-LEDS-C	035127477374
LBS-LEDS-SS	035127477381
LBS-LEDM-C	035127477398
LBS-LEDM-SS	035127477404

#### **Part Number**

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BRI-SL3-2700	035127475554
BRI-SL3-5000	035127477121
BRI-SL3-RED	035127474885
BRI-SL3-GREEN	035127477145
BRI-SL3-BLUE	035127474908
BRI-SL3-AMBER	700118610848
BRI-SL3-CUSTOM-2700	9999999999904
BRI-SL3-CUSTOM-5000	9999999999905
BRI-SL3-CUSTOM-RED	9999999999906
BRI-SL3-CUSTOM-GREEN	9999999999907
BRI-SL3-CUSTOM-BLUE	9999999999908
BRI-SL3-CUSTOM-AMBER	9999999999909
BRI-SL3-CUT	99999999999999
BRI-SL3-2700-40'-Kit	700118611005
BRI-SL3-3000-40'-Kit	723888859262
BRI-SL3-4000-40'-Kit	723888859279
BRI-SL3-5000-40'-Kit	700118610992
BRI-SL-A-PF	035127475448
BRI-SL A-T	035127476087
BRI-SL-A-JC	035127476063
BRI-SL-A-90	035127476988
BRI-SL-A-DSC	035127475424
BRI-SL-A-EC	035127476070
BRI-SL-A-C&S	035127475431
SL-SCS	035127477671
SL-SCS-w/ FACIA	035127477718
BRI-SL-A-AC	035127477541
BRI-SL-A-C	035127477510
BRI-SL-A-C2	035127477527
BRI-SL-A-CD	035127477534
CAN-FIL-EDGE-F-2W-2200-Clear-12	700118615454
CAN-FIL-EDGE-F-2W-2700-Clear-12	700118615461
CAN-FIL-EDGE-F-3.5W-2200-Clear-12	700118615478
CAN-FIL-EDGE-F-3.5W-2700-Clear-12	700118615485
CAN-FIL-EDGE-2W-3000-Clear-12	700118615492
CAN-FIL-EDGE-3.5W-3000-Clear-12	700118615508
CAN-FIL-EDGE-T-2200-Clear-120	700118610701
CAN-FIL-EDGE-F-2200-Clear-120	700118610695
CAN-FIL-EDGE-T-2700-Clear-120	035127477206
CAN-FIL-EDGE-F-2700-Clear-120	035127477183
CAN-FIL-EDGE-F-3000-Clear-120	700118611074
CAN-FIL-EDGE-F-2200-Frosted-120	700118610763
CAN-FIL-EDGE-F-2700-Frosted-120	700118610770
S14-FIL-EDGE-12VAC-2200	700118610671
S14-FIL-EDGE-12VAC-2700	700118610688
S14-FIL-EDGE-12VAC-3000	700118611081
\$14-FIL-EDGE-110-130VAC-2200	700118610718
S14-FIL-EDGE-110-130VAC 2700	035127477633
\$14-FIL-EDGE-110-130VAC-3000	700118611241
\$14-FIL-EDGE-1.5Watt-110-130VAC 2700	723888859132
A19-FIL-EDGE-2200-110-130VAC	700118610725

#### **Part Number**

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A19-FIL-EDGE-2700-110-130VAC 035127477152 PAR20-IOS-2700-25-BL 035127475769 PAR20-IOS-3000-25-BL 035127475240 PAR20-IOS-5700-25-BL 035127475257 035127475882 PAR20-IOS-2700-25-WH PAR20-IOS-3000-25-WH 035127475417 035127475516 PAR20-IOS-5700-25-WH PAR20-IOS-2700-40-BL 035127475776 035127475936 PAR20 IOS 3000-40-BL PAR20-IOS-5700-40-BL 035127475943 035127475998 PAR20-IOS-2700-40-WH PAR20-IOS-3000-40-WH 035127476001 PAR20-IOS-5700-40-WH 035127476018 PAR30-IOS-2700-25-BL 035127476728 PAR30-IOS-3000-25-BL 035127475462 PAR30-IOS-5700-25-BL 035127476179 PAR30-IOS-2700-25-WH 035127476223 PAR30-IOS-3000-25-WH 035127475455 PAR30-IOS-5700-25-WH 035127476230 PAR30-IOS-2700-40-BL 035127476735 PAR30-IOS-3000-40-BL 035127476285 PAR30-IOS-5700-40-BL 035127476292 PAR30-IOS-2700-40-WH 035127476346 PAR30-IOS-3000-40-WH 035127476353 PAR30-IOS-5700-40-WH 035127476360 PAR38-IOS-2700-25-BL 035127476742 035127475509 PAR38-IOS-3000-25-BL PAR38-IOS-5700-25-BL 035127476131 035127476094 PAR38-IOS-2700-25-WH PAR38-IOS-3000-25-WH 035127475493 035127476100 PAR38-IOS-5700-25-WH PAR38-IOS-2700-40-BL 035127476759 PAR38-IOS-3000-40-BL 035127476414 PAR38-IOS-5700-40-BL 035127475486 PAR38-IOS-2700-40-WH 035127476469 PAR38-IOS-3000-40-WH 035127476476 PAR38-IOS-5700-40-WH 035127475479 BRI-G9-EDGE-120-2700 035127475738 12VAC-DIMMER-SWITCH 035127477626 75-Watt-Transformer 700118611098 150-Watt-Transformer 700118611104 700118611111 300-Watt-Transformer Blaze-A19-5W-1800-2000K 700118611388 Blaze-Candelabra-3W-1800-2000K 700118611395 BRI-BLAZE-G4 700118611562 700118611234 ow-Voltage-Zone-Control BRI-Wifi-Smart-Socket-2 700118612873 700118611753 BRI-MR16-CHM-6-RGBW-38 0700118613610 BRI-PAR36-CHM-9-RGBW-15

BRI-PAR36-CHM-9-RGBW-30

BRI-PAR36-CHM-9-RGBW-60

0700118611760

0700118613054

#### **Part Number**

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	1
ZION-PL-4-G4-AL-OL-F	700118611951
ZION-PL-4-G4-AL-OL-F-NL	700118611968
ZION-PL-4-G4-AL-OL-A	700118611975
ZION-PL-4-G4-AL-OL-A-NL	700118611982
ZION-PL-4-G4-AL-BLK-F	700118611999
ZION-PL-4-G4-AL-BLK-F-NL	700118612002
ZION-PL-4-G4-AL-BLK-A	700118612019
ZION-PL-4-G4-AL-BLK-A-NL	700118612026
ZION-PL-4-G4-CU-F	700118612033
ZION-PL-4-G4-CU-F-NL	700118612040
ZION-PL-4-G4-CU-A	700118612057
ZION-PL-4-G4-CU-A-NL	700118612064
ZION-PL-4-G4-BR-F	700118612071
ZION-PL-4-G4-BR-F-NL	700118612088
ZION-PL-4-G4-BR-A	700118612095
ZION-PL-4-G4-BR-A-NL	700118612101
ZION-PL-4-G4-BR-BLK-F	700118612118
ZION-PL-4-G4-BR-BLK-F-NL	700118612125
ZION-PL-4-G4-BR-BLK-A	700118612132
ZION-PL-4-G4-BR-BLK-A-NL	700118612149
SEQUOIA-PL-7-G4-AL-OL-F	700118612156
SEQUOIA-PL-7-G4-AL-OL-F-NL	700118612163
SEQUOIA-PL-7-G4-AL-OL-A-NL	700118612187
SEQUOIA-PL-7-G4-AL-BLK-F	700118612194
SEQUOIA-PL-7-G4-AL-BLK-F-NL	700118612200
SEQUOIA-PL-7-G4-AL-BLK-A	700118612217
SEQUOIA-PL-7-G4-AL-BLK-A-NL	700118612224
SEQUOIA-PL-7-G4-CU-F	700118612231
SEQUOIA-PL-7-G4-CU-F-NL	700118612248
SEQUOIA-PL-7-G4-CU-A	700118612255
SEQUOIA-PL-7-G4-CU-A-NL	700118612262
SEQUOIA-PL-7-G4-BR-F	700118612279
SEQUOIA-PL-7-G4-BR-F-NL	700118612286
SEQUOIA-PL-7-G4-BR-A	700118612293
SEQUOIA-PL-7-G4-BR-A-NL	700118612309
SEQUOIA-PL-7-G4-BR-BLK-F	700118612316
SEQUOIA-PL-7-G4-BR-BLK-F-NL	700118612323
SEQUOIA-PL-7-G4-BR-BLK-A	700118612323
SEQUOIA-PL-7-G4-BR-BLK-A-NL	700118612330
ACADIA-DL-MR11-AL-OL	700118612347
ACADIA-DL-MR11-AL-OL ACADIA-DL-MR11-AL-OL-NL	700118612354
	700118612378
ACADIA-DL-MR11-AL-BLK-NL	700118612385
	700118612392
ACADIA-DL-MR11-CU-NL	700118612408
ACADIA-DL-MR11-BR	700118612415
ACADIA-DL-MR11-BR-NL	700118612422
ACADIA-DL-MR11-BR-BLK	700118612439
ACADIA-DL-MR11-BR-BLK-NL	700118612446
DENALI-DL-MR16-AL-OL	700118612453
DENALI-DL-MR16-AL-OL-NL	700118612460

#### Part Number

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DENALI-DL-MRI6-AL-BLK-NL         700118612484           DENALI-DL-MRI6-CU         700118612507           DENALI-DL-MRI6-CU-NL         700118612507           DENALI-DL-MRI6-BR         700118612514           DENALI-DL-MRI6-BR-NL         700118612538           DENALI-DL-MRI6-BR-BLK         700118612522           CASCADES-SL-75.LB-AL-BLK         700118612569           CASCADES-SL-75.LB-AL-BLK         700118612507           OZARK-SAL-SLB-AL-BLK         700118612503           OZARK-SAL-SLB-BR-BLK         700118612500           OZARK-SAL-SLB-BR-BLK         700118612606           ARCHES-DDL-MRI6-AL-OL         700118612600           ARCHES-DDL-MRI6-AL-OL-NL         700118612620           ARCHES-DDL-MRI6-AL-BLK         700118612620           ARCHES-DDL-MRI6-AL-BLK         700118612620           ARCHES-DDL-MRI6-AL-BLK         700118612620           ARCHES-DDL-MRI6-AL-BLK         700118612620           ARCHES-DDL-MRI6-BR-NL         700118612621           ARCHES-DDL-MRI6-BR-NL         700118612621           ARCHES-DDL-MRI6-BR-NL         70011861275           ARCHES-DDL-MRI6-BR-NL         700118612712           BRYCE-HDL-ARI1-AL-OL         700118612712           BRYCE-HDL-ARI1-AL-BLK-NL         700118612743		
DENALI-DL-MRI6-CU         700118612491           DENALI-DL-MRI6-CU-NL         700118612507           DENALI-DL-MRI6-BR         700118612514           DENALI-DL-MRI6-BR-NL         700118612538           DENALI-DL-MRI6-BR-BLK         700118612552           CASCADES-SL-7.5LB-AL-BLK         700118612569           CASCADES-SL-7.5LB-BR         700118612569           CASCADES-SL-7.5LB-BR-BLK         700118612560           CARK-SAL-SLB-AL-BLK         700118612500           OZARK-SAL-SLB-BR-BLK         700118612606           ARCHES-DDL-MRI6-AL-OL         700118612607           ARCHES-DDL-MRI6-AL-OL-NL         700118612637           ARCHES-DDL-MRI6-AL-OL-NL         700118612644           ARCHES-DDL-MRI6-AL-BLK-NL         700118612644           ARCHES-DDL-MRI6-AL-BLK-NL         700118612644           ARCHES-DDL-MRI6-AL-BLK-NL         700118612651           ARCHES-DDL-MRI6-BR-NL         700118612668           ARCHES-DDL-MRI6-BR-NL         700118612629           ARCHES-DDL-MRI6-BR-NL         700118612705           BRYCE-HDL-ARII-AL-OL-NL         700118612705           BRYCE-HDL-ARII-AL-OL-NL         700118612712           BRYCE-HDL-ARII-AL-BLK-NL         700118612743           BRYCE-HDL-ARII-AL-BLK-NL         700118612743	DENALI-DL-MR16-AL-BLK	700118612477
DENALI-DL-MRI6-CU-NL         700118612507           DENALI-DL-MRI6-BR         700118612514           DENALI-DL-MRI6-BR-NL         700118612512           DENALI-DL-MRI6-BR-BLK         700118612525           CASCADES-SL-7.5LB-AL-BLK         700118612552           CASCADES-SL-7.5LB-BR         700118612556           CASCADES-SL-7.5LB-BR         700118612569           CASCADES-SL-7.5LB-BR-BLK         700118612576           OZARK-SAL-SLB-BAL-BLK         700118612500           OZARK-SAL-SLB-BR-BLK         700118612501           OZARK-SAL-SLB-BR-BLK         700118612620           ARCHES-DDL-MRI6-AL-OL-NL         700118612620           ARCHES-DDL-MRI6-AL-BLK         700118612637           ARCHES-DDL-MRI6-AL-BLK-NL         700118612637           ARCHES-DDL-MRI6-AL-BLK-NL         700118612651           ARCHES-DDL-MRI6-CU-NL         700118612651           ARCHES-DDL-MRI6-BR-NL         700118612652           ARCHES-DDL-MRI6-BR-NL         700118612652           ARCHES-DDL-MRI6-BR-BLK-NL         700118612705           BRYCE-HDL-AR11-AL-OL-NL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612736           BRYCE-HDL-AR11-AL-BLK         700118612736           BRYCE-HDL-AR11-AL-BLK-NL         700118612737	DENALI-DL-MR16-AL-BLK-NL	700118612484
DENALI-DL-MRI6-BR         700118612514           DENALI-DL-MRI6-BR-NL         700118612521           DENALI-DL-MRI6-BR-BLK         700118612538           DENALI-DL-MRI6-BR-BLK-NL         700118612552           CASCADES-SL-7.5LB-AL-BLK         700118612552           CASCADES-SL-7.5LB-BR         700118612569           CASCADES-SL-7.5LB-BR-BLK         700118612576           OZARK-SAL-SLB-AL-BLK         700118612500           OZARK-SAL-SLB-BR-BLK         700118612606           ARCHES-DDL-MRI6-AL-OL         700118612620           ARCHES-DDL-MRI6-AL-OL-NL         700118612637           ARCHES-DDL-MRI6-AL-BLK         700118612637           ARCHES-DDL-MRI6-AL-BLK-NL         700118612637           ARCHES-DDL-MRI6-AL-BLK-NL         700118612637           ARCHES-DDL-MRI6-CU-NL         700118612651           ARCHES-DDL-MRI6-BR-NL         700118612652           ARCHES-DDL-MRI6-BR-NL         700118612705           BRYCE-HDL-AR11-AL-OL-NL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612729           BRYCE-HDL-AR11-AL-OL-NL         700118612736           BRYCE-HDL-AR11-AL-BLK-NL         70011861274           BRYCE-HDL-AR11-AL-BLK-NL         70011861274           BRYCE-HDL-AR11-AL-BLK-NL         70011861274     <	DENALI-DL-MR16-CU	700118612491
DENALI-DL-MRI6-BR-NL         700118612521           DENALI-DL-MRI6-BR-BLK         700118612538           DENALI-DL-MRI6-BR-BLK-NL         700118612552           CASCADES-SL-7.5LB-AL-BLK         700118612552           CASCADES-SL-7.5LB-BR         700118612569           CASCADES-SL-7.5LB-BR-BLK         700118612533           OZARK-SAL-SLB-AL-BLK         700118612500           OZARK-SAL-SLB-BR-BLK         700118612633           OZARK-SAL-SLB-BR-BLK         700118612620           ARCHES-DDL-MRI6-AL-OL         700118612637           ARCHES-DDL-MRI6-AL-OL-NL         700118612637           ARCHES-DDL-MRI6-AL-BLK         700118612637           ARCHES-DDL-MRI6-AL-BLK-NL         700118612631           ARCHES-DDL-MRI6-BR-BLK         700118612651           ARCHES-DDL-MRI6-BR-NL         700118612652           ARCHES-DDL-MRI6-BR-NL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612729           BRYCE-HDL-AR11-AL-OL-NL         700118612736           BRYCE-HDL-AR11-AL-OL-NL         70011861274           BRYCE-HDL-AR11-AL-NL         70011861274           BRYCE-HDL-AR11-AL-NL         70011861274           BRYCE-HDL-AR11-AL-BLK-NL         70011861274	DENALI-DL-MR16-CU-NL	700118612507
DENALI-DL-MRI6-BR-BLK         700118612538           DENALI-DL-MRI6-BR-BLK-NL         700118612552           CASCADES-SL-7.5LB-AL-BLK         700118612552           CASCADES-SL-7.5LB-BR         700118612576           OZARK-SAL-SLB-AL-BLK         700118612590           OZARK-SAL-SLB-BR-BLK         700118612590           OZARK-SAL-SLB-BR-BLK         700118612606           ARCHES-DDL-MRI6-AL-OL         700118612633           ARCHES-DDL-MRI6-AL-OL-NL         700118612637           ARCHES-DDL-MRI6-AL-OL-NL         700118612637           ARCHES-DDL-MRI6-AL-BLK         700118612637           ARCHES-DDL-MRI6-AL-BLK         700118612631           ARCHES-DDL-MRI6-AL-BLK-NL         700118612651           ARCHES-DDL-MRI6-BR-BLK-NL         700118612652           ARCHES-DDL-MRI6-BR-BLK-NL         700118612629           ARCHES-DDL-MRI6-BR-BLK-NL         700118612705           BRYCE-HDL-AR11-AL-OL-NL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612736           BRYCE-HDL-AR11-AL-BLK         700118612736           BRYCE-HDL-AR11-AL-BLK         700118612743           BRYCE-HDL-AR11-AL-BLK         700118612743           BRYCE-HDL-AR11-BR-NL         700118612743           BRYCE-HDL-AR11-BR-NL         700118612774	DENALI-DL-MR16-BR	700118612514
DENALI-DL-MRI6-BR-BLK-NL         700118612545           CASCADES-SL-7.5LB-AL-BLK         700118612552           CASCADES-SL-7.5LB-BR         700118612569           CASCADES-SL-7.5LB-BR-BLK         700118612576           OZARK-SAL-SLB-AL-BLK         700118612590           OZARK-SAL-SLB-BR-BLK         700118612613           OZARK-SAL-SLB-BR-BLK         700118612620           ARCHES-DDL-MR16-AL-OL         700118612637           ARCHES-DDL-MR16-AL-OL-NL         700118612637           ARCHES-DDL-MR16-AL-OL-NL         700118612637           ARCHES-DDL-MR16-AL-BLK-NL         700118612631           ARCHES-DDL-MR16-CU-NL         700118612651           ARCHES-DDL-MR16-CU-NL         700118612652           ARCHES-DDL-MR16-BR-NL         700118612629           ARCHES-DDL-MR16-BR-NL         700118612705           BRYCE-HDL-AR11-AL-OL-NL         700118612705           BRYCE-HDL-AR11-AL-OL-NL         700118612712           BRYCE-HDL-AR11-AL-BLK         700118612712           BRYCE-HDL-AR11-AL-BLK         700118612712           BRYCE-HDL-AR11-AL-BLK         700118612743           BRYCE-HDL-AR11-AL-BLK         700118612743           BRYCE-HDL-AR11-AL-BLK         700118612714           BRYCE-HDL-AR11-BR-BLK         700118612774	DENALI-DL-MR16-BR-NL	700118612521
CASCADES-SL-7.5LB-AL-BLK         700118612552           CASCADES-SL-7.5LB-BR         700118612569           CASCADES-SL-7.5LB-BR-BLK         700118612576           OZARK-SAL-SLB-AL-BLK         700118612590           OZARK-SAL-SLB-BR-BLK         700118612606           ARCHES-DDL-MR16-AL-OL         700118612603           ARCHES-DDL-MR16-AL-OL-NL         700118612620           ARCHES-DDL-MR16-AL-OL-NL         700118612637           ARCHES-DDL-MR16-AL-BLK         700118612637           ARCHES-DDL-MR16-AL-BLK         700118612651           ARCHES-DDL-MR16-CU-NL         700118612682           ARCHES-DDL-MR16-BR-NL         700118612675           ARCHES-DDL-MR16-BR-NL         700118612682           ARCHES-DDL-MR16-BR-BLK-NL         700118612705           BRYCE-HDL-AR11-AL-OL-NL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612750           BRYCE-HDL-AR11-AL-BLK-NL         700118612750           BRYCE-HDL-AR11-AL-BLK         700118612750           BRYCE-HDL-AR11-AL-BLK         700118612751           BRYCE-HDL-AR11-CU-NL         700118612751           BRYCE-HDL-AR11-BR-BLK         70011861275           BRYCE-HDL-AR11-BR-BLK         700118612743 <td>DENALI-DL-MR16-BR-BLK</td> <td>700118612538</td>	DENALI-DL-MR16-BR-BLK	700118612538
CASCADES-SL-7.5LB-BR         700118612569           CASCADES-SL-7.5LB-BR-BLK         700118612576           OZARK-SAL-SLB-AL-BLK         700118612590           OZARK-SAL-SLB-BR         700118612690           OZARK-SAL-SLB-BR-BLK         700118612613           ARCHES-DDL-MR16-AL-OL         700118612620           ARCHES-DDL-MR16-AL-OL-NL         700118612637           ARCHES-DDL-MR16-AL-BLK         700118612637           ARCHES-DDL-MR16-AL-BLK-NL         700118612631           ARCHES-DDL-MR16-CU-NL         700118612651           ARCHES-DDL-MR16-BR-BLK-NL         700118612652           ARCHES-DDL-MR16-BR-NL         700118612652           ARCHES-DDL-MR16-BR-BLK-NL         700118612629           ARCHES-DDL-MR16-BR-BLK-NL         700118612705           BRYCE-HDL-AR11-AL-OL-NL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612712           BRYCE-HDL-AR11-AL-BLK         700118612750           BRYCE-HDL-AR11-AL-BLK         700118612750           BRYCE-HDL-AR11-AL-BLK         700118612750           BRYCE-HDL-AR11-BR-BLK         700118612750           BRYCE-HDL-AR11-BR-BLK-NL         700118612714           BRYCE-HDL-AR11-BR-BLK         700118612751           BRYCE-HDL-AR11-BR-BLK         700118612811 <td>DENALI-DL-MR16-BR-BLK-NL</td> <td>700118612545</td>	DENALI-DL-MR16-BR-BLK-NL	700118612545
CASCADES-SL-7.5LB-BR-BLK         700118612576           OZARK-SAL-SLB-AL-BLK         700118612583           OZARK-SAL-SLB-BR         700118612590           OZARK-SAL-SLB-BR-BLK         700118612606           ARCHES-DDL-MR16-AL-OL         700118612637           ARCHES-DDL-MR16-AL-OL-NL         700118612637           ARCHES-DDL-MR16-AL-BLK         700118612637           ARCHES-DDL-MR16-AL-BLK-NL         700118612644           ARCHES-DDL-MR16-AL-BLK-NL         700118612651           ARCHES-DDL-MR16-CU         700118612652           ARCHES-DDL-MR16-BR-NL         700118612652           ARCHES-DDL-MR16-BR-NL         700118612659           ARCHES-DDL-MR16-BR-BLK-NL         700118612705           BRYCE-HDL-AR11-AL-OL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612712           BRYCE-HDL-AR11-AL-BLK         700118612750           BRYCE-HDL-AR11-AL-BLK-NL         700118612750           BRYCE-HDL-AR11-AL-BLK-NL         700118612750           BRYCE-HDL-AR11-AL-BLK-NL         700118612750           BRYCE-HDL-AR11-BR-BLK         700118612750           BRYCE-HDL-AR11-BR-BLK         700118612774           BRYCE-HDL-AR11-BR-BLK         700118612751           BRYCE-HDL-AR11-BR-BLK-NL         700118612811 <td>CASCADES-SL-7.5LB-AL-BLK</td> <td>700118612552</td>	CASCADES-SL-7.5LB-AL-BLK	700118612552
OZARK-SAL-SLB-AL-BLK         700118612583           OZARK-SAL-SLB-BR         700118612590           OZARK-SAL-SLB-BR-BLK         700118612606           ARCHES-DDL-MR16-AL-OL         700118612620           ARCHES-DDL-MR16-AL-BLK         700118612637           ARCHES-DDL-MR16-AL-BLK         700118612644           ARCHES-DDL-MR16-AL-BLK-NL         700118612644           ARCHES-DDL-MR16-AL-BLK-NL         700118612651           ARCHES-DDL-MR16-CU-NL         700118612652           ARCHES-DDL-MR16-BR-NL         700118612652           ARCHES-DDL-MR16-BR-NL         700118612705           BRYCE-HDL-AR11-AL-OL         700118612705           BRYCE-HDL-AR11-AL-OL         700118612705           BRYCE-HDL-AR11-AL-OL-NL         700118612729           BRYCE-HDL-AR11-AL-BLK         700118612750           BRYCE-HDL-AR11-AL-BLK         700118612750           BRYCE-HDL-AR11-AL-BLK-NL         700118612750           BRYCE-HDL-AR11-AL-BLK         700118612751           BRYCE-HDL-AR11-AL-BLK-NL         700118612751           BRYCE-HDL-AR11-AL-BLK         700118612751           BRYCE-HDL-AR11-BR-BLK         70011861277           BRYCE-HDL-AR11-BR-BLK         70011861277           BRYCE-HDL-AR11-BR-BLK-NL         700118612842 <t< td=""><td>CASCADES-SL-7.5LB-BR</td><td>700118612569</td></t<>	CASCADES-SL-7.5LB-BR	700118612569
OZARK-SAL-SLB-BR         700118612590           OZARK-SAL-SLB-BR-BLK         700118612606           ARCHES-DDL-MR16-AL-OL         700118612603           ARCHES-DDL-MR16-AL-OL-NL         700118612637           ARCHES-DDL-MR16-AL-BLK         700118612637           ARCHES-DDL-MR16-AL-BLK-NL         700118612651           ARCHES-DDL-MR16-AL-BLK-NL         700118612651           ARCHES-DDL-MR16-AL-BLK-NL         700118612651           ARCHES-DDL-MR16-BR-NL         700118612652           ARCHES-DDL-MR16-BR-NL         700118612652           ARCHES-DDL-MR16-BR-BLK         700118612705           BRYCE-HDL-AR11-AL-OL-NL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612736           BRYCE-HDL-AR11-AL-BLK         700118612750           BRYCE-HDL-AR11-AL-BLK         700118612750           BRYCE-HDL-AR11-AL-BLK         700118612774           BRYCE-HDL-AR11-BR-NL         700118612774           BRYCE-HDL-AR11-BR-NL         700118612774           BRYCE-HDL-AR11-BR-BLK         700118612811           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612828           CASCADES-SL-DB-SLB-AL-BLK         700118612828	CASCADES-SL-7.5LB-BR-BLK	700118612576
OZARK-SAL-SLB-BR-BLK         700118612606           ARCHES-DDL-MRI6-AL-OL         700118612613           ARCHES-DDL-MRI6-AL-OL-NL         700118612637           ARCHES-DDL-MRI6-AL-BLK         700118612637           ARCHES-DDL-MRI6-AL-BLK         700118612651           ARCHES-DDL-MRI6-CU         700118612651           ARCHES-DDL-MRI6-CU-NL         700118612653           ARCHES-DDL-MRI6-CU-NL         700118612675           ARCHES-DDL-MRI6-BR         700118612675           ARCHES-DDL-MRI6-BR-NL         700118612682           ARCHES-DDL-MRI6-BR-BLK         700118612705           BRYCE-HDL-AR11-AL-OL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612729           BRYCE-HDL-AR11-AL-BLK         700118612743           BRYCE-HDL-AR11-AL-BLK         700118612743           BRYCE-HDL-AR11-AL-BLK         700118612741           BRYCE-HDL-AR11-AL-BLK         700118612743           BRYCE-HDL-AR11-AL-BLK         700118612743           BRYCE-HDL-AR11-BR-BLK         70011861274           BRYCE-HDL-AR11-BR-BLK         70011861274           BRYCE-HDL-AR11-BR-BLK         70011861281           CASCADES-SL-DB-75LB-AL-BLK         70011861281           CASCADES-SL-DB-75LB-BR         70011861281 <t< td=""><td>OZARK-SAL-SLB-AL-BLK</td><td>700118612583</td></t<>	OZARK-SAL-SLB-AL-BLK	700118612583
ARCHES-DDL-MRI6-AL-OL         700118612613           ARCHES-DDL-MRI6-AL-OL-NL         700118612620           ARCHES-DDL-MRI6-AL-BLK         700118612637           ARCHES-DDL-MRI6-AL-BLK         700118612651           ARCHES-DDL-MRI6-AL-BLK-NL         700118612651           ARCHES-DDL-MRI6-CU-NL         700118612653           ARCHES-DDL-MRI6-CU-NL         700118612653           ARCHES-DDL-MRI6-BR         700118612682           ARCHES-DDL-MRI6-BR-NL         700118612682           ARCHES-DDL-MRI6-BR-BLK         700118612705           BRYCE-HDL-AR11-AL-OL-NL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612743           BRYCE-HDL-AR11-AL-BLK         700118612743           BRYCE-HDL-AR11-AL-BLK         700118612743           BRYCE-HDL-AR11-AL-BLK-NL         700118612743           BRYCE-HDL-AR11-AL-BLK         700118612743           BRYCE-HDL-AR11-AL-BLK         700118612743           BRYCE-HDL-AR11-BR-BLK         700118612743           BRYCE-HDL-AR11-BR-BLK         700118612743           BRYCE-HDL-AR11-BR-BLK         70011861274           BRYCE-HDL-AR11-BR-BLK         700118612811           CASCADES-SL-DB-7.5LB-AL-BLK         700118612812           CASCADES-SL-DB-7.5LB-BR         700118612828	OZARK-SAL-SLB-BR	700118612590
ARCHES-DDL-MRI6-AL-OL-NL         700118612620           ARCHES-DDL-MRI6-AL-BLK         700118612637           ARCHES-DDL-MRI6-AL-BLK-NL         700118612637           ARCHES-DDL-MRI6-AL-BLK-NL         700118612651           ARCHES-DDL-MRI6-CU         700118612651           ARCHES-DDL-MRI6-CU-NL         700118612652           ARCHES-DDL-MRI6-BR         700118612682           ARCHES-DDL-MRI6-BR-NL         700118612699           ARCHES-DDL-MRI6-BR-BLK-NL         700118612705           BRYCE-HDL-AR11-AL-OL-NL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612736           BRYCE-HDL-AR11-AL-BLK         700118612750           BRYCE-HDL-AR11-AL-BLK-NL         700118612750           BRYCE-HDL-AR11-CU-NL         700118612750           BRYCE-HDL-AR11-CU-NL         700118612750           BRYCE-HDL-AR11-BR-BLK-NL         700118612750           BRYCE-HDL-AR11-BR-BLK         700118612743           BRYCE-HDL-AR11-BR-BLK         70011861274           BRYCE-HDL-AR11-BR-BLK         70011861274           BRYCE-HDL-AR11-BR-BLK         700118612811           CASCADES-SL-DB-7.5LB-BR         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612828           CASCADES-SL-DB-SLB-AL-BLK         700118612842 </td <td>OZARK-SAL-SLB-BR-BLK</td> <td>700118612606</td>	OZARK-SAL-SLB-BR-BLK	700118612606
ARCHES-DDL-MRI6-AL-BLK         700118612637           ARCHES-DDL-MRI6-AL-BLK-NL         700118612644           ARCHES-DDL-MRI6-CU         700118612651           ARCHES-DDL-MRI6-CU-NL         700118612668           ARCHES-DDL-MRI6-BR         700118612699           ARCHES-DDL-MRI6-BR-NL         700118612699           ARCHES-DDL-MRI6-BR-BLK-NL         700118612705           BRYCE-HDL-AR16-BR-BLK-NL         700118612705           BRYCE-HDL-AR11-AL-OL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612729           BRYCE-HDL-AR11-AL-BLK         700118612750           BRYCE-HDL-AR11-AL-BLK-NL         700118612750           BRYCE-HDL-AR11-AL-BLK-NL         700118612750           BRYCE-HDL-AR11-CU-NL         700118612750           BRYCE-HDL-AR11-BR-NL         700118612774           BRYCE-HDL-AR11-BR-NL         700118612774           BRYCE-HDL-AR11-BR-NL         700118612811           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612828           CASCADES-SL-DB-SLB-AL-BLK         700118612828           CASCADES-SL-DB-SLB-AL-BLK         700118612828           CASCADES-SL-DB-SLB-BR-BL         700118612828           CASCADES-SL-DB-SLB-BR-BLK         700118612830 <td>ARCHES-DDL-MR16-AL-OL</td> <td>700118612613</td>	ARCHES-DDL-MR16-AL-OL	700118612613
ARCHES-DDL-MRI6-AL-BLK-NL         700118612644           ARCHES-DDL-MRI6-CU         700118612651           ARCHES-DDL-MRI6-CU-NL         700118612651           ARCHES-DDL-MRI6-BR         700118612655           ARCHES-DDL-MRI6-BR         700118612652           ARCHES-DDL-MRI6-BR-NL         700118612699           ARCHES-DDL-MRI6-BR-BLK-NL         700118612705           BRYCE-HDL-AR11-AL-OL         700118612705           BRYCE-HDL-AR11-AL-OL-NL         700118612729           BRYCE-HDL-AR11-AL-BLK         700118612726           BRYCE-HDL-AR11-AL-BLK-NL         700118612750           BRYCE-HDL-AR11-AL-BLK-NL         700118612750           BRYCE-HDL-AR11-AL-BLK-NL         700118612774           BRYCE-HDL-AR11-CU         700118612774           BRYCE-HDL-AR11-BR-NL         7001186127781           BRYCE-HDL-AR11-BR-NL         700118612781           BRYCE-HDL-AR11-BR-BLK-NL         700118612804           CASCADES-SL-DB-75LB-AL-BLK         700118612828           CASCADES-SL-DB-75LB-BR         700118612828           CASCADES-SL-DB-SLB-AL-BLK         700118612828           CASCADES-SL-DB-SLB-BR-BLK         700118612828           CASCADES-SL-DB-SLB-BR-BLK         700118612828           OZARK-SAL-DB-SLB-BR-BLK         700118612842	ARCHES-DDL-MR16-AL-OL-NL	700118612620
ARCHES-DDL-MRI6-CU         700118612651           ARCHES-DDL-MRI6-CU-NL         700118612651           ARCHES-DDL-MRI6-BR         700118612668           ARCHES-DDL-MRI6-BR         700118612652           ARCHES-DDL-MRI6-BR-NL         700118612699           ARCHES-DDL-MRI6-BR-BLK         700118612705           BRYCE-HDL-AR11-AL-OL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612729           BRYCE-HDL-AR11-AL-OL-NL         700118612736           BRYCE-HDL-AR11-AL-BLK         700118612750           BRYCE-HDL-AR11-AL-BLK         700118612774           BRYCE-HDL-AR11-AL-BLK-NL         7001186127767           BRYCE-HDL-AR11-BR-NL         700118612774           BRYCE-HDL-AR11-BR-NL         700118612778           BRYCE-HDL-AR11-BR-NL         700118612774           BRYCE-HDL-AR11-BR-BLK         700118612748           BRYCE-HDL-AR11-BR-BLK         700118612811           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612828           CASCADES-SL-DB-SLB-AL-BLK         700118612828           OZARK-SAL-DB-SLB-BR-BLK         700118612842           OZARK-SAL-DB-SLB-BR-BLK         700118612842           OZARK-SAL-DB-SLB-BR-BLK         700118612842 <t< td=""><td>ARCHES-DDL-MR16-AL-BLK</td><td>700118612637</td></t<>	ARCHES-DDL-MR16-AL-BLK	700118612637
ARCHES-DDL-MRI6-CU-NL         700118612668           ARCHES-DDL-MRI6-BR         700118612675           ARCHES-DDL-MRI6-BR-NL         70011861265           ARCHES-DDL-MRI6-BR-NL         700118612699           ARCHES-DDL-MRI6-BR-BLK         700118612705           BRYCE-HDL-AR11-AL-OL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612729           BRYCE-HDL-AR11-AL-OL-NL         700118612729           BRYCE-HDL-AR11-AL-BLK         700118612736           BRYCE-HDL-AR11-AL-BLK-NL         700118612743           BRYCE-HDL-AR11-AL-BLK-NL         700118612776           BRYCE-HDL-AR11-AL-BLK-NL         700118612776           BRYCE-HDL-AR11-AL-BLK-NL         700118612776           BRYCE-HDL-AR11-BR-NL         700118612778           BRYCE-HDL-AR11-BR-NL         700118612774           BRYCE-HDL-AR11-BR-BLK         700118612811           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612828           CASCADES-SL-DB-SLB-AL-BLK         700118612842           OZARK-SAL-DB-SLB-B-BR         700118612842           OZARK-SAL-DB-SLB-B-BR         700118612842           OZARK-SAL-DB-SLB-B-BR-BLK         700118612840           NICHE-LIGHT         700118612840	ARCHES-DDL-MR16-AL-BLK-NL	700118612644
ARCHES-DDL-MRI6-BR         700118612675           ARCHES-DDL-MRI6-BR-NL         700118612682           ARCHES-DDL-MRI6-BR-NL         700118612682           ARCHES-DDL-MRI6-BR-NL         700118612699           ARCHES-DDL-MRI6-BR-BLK-NL         700118612705           BRYCE-HDL-AR11-AL-OL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612736           BRYCE-HDL-AR11-AL-BLK         700118612743           BRYCE-HDL-AR11-AL-BLK-NL         700118612743           BRYCE-HDL-AR11-AL-BLK-NL         700118612750           BRYCE-HDL-AR11-CU-NL         700118612767           BRYCE-HDL-AR11-CU-NL         700118612774           BRYCE-HDL-AR11-BR-BLK         700118612774           BRYCE-HDL-AR11-BR-BLK         700118612781           BRYCE-HDL-AR11-BR-BLK         700118612811           CASCADES-SL-DB-7.5LB-AL-BLK         700118612812           CASCADES-SL-DB-7.5LB-BR         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612828           CASCADES-SL-DB-SLB-AL-BLK         700118612828           OZARK-SAL-DB-SLB-AL-BLK         700118612829           OZARK-SAL-DB-SLB-BR-BL         700118612828           OZARK-SAL-DB-SLB-BR-BLK         700118612830           PL-4-Lid Assembly Copper         700118612803	ARCHES-DDL-MR16-CU	700118612651
ARCHES-DDL-MRI6-BR-NL         700118612682           ARCHES-DDL-MRI6-BR-BLK         700118612699           ARCHES-DDL-MRI6-BR-BLK-NL         700118612705           BRYCE-HDL-AR11-AL-OL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612729           BRYCE-HDL-AR11-AL-BLK         700118612743           BRYCE-HDL-AR11-AL-BLK         700118612743           BRYCE-HDL-AR11-AL-BLK         700118612743           BRYCE-HDL-AR11-AL-BLK         700118612750           BRYCE-HDL-AR11-CU-NL         700118612767           BRYCE-HDL-AR11-CU-NL         700118612774           BRYCE-HDL-AR11-BR-NL         700118612774           BRYCE-HDL-AR11-BR-NL         700118612774           BRYCE-HDL-AR11-BR-BLK         700118612804           CASCADES-SL-DB-7.5LB-AL-BLK         700118612811           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612826           OZARK-SAL-DB-SLB-AL-BLK         700118612829           OZARK-SAL-DB-SLB-BR-BL         700118612826           NICHE-LIGHT         70011861280           PL-4Lid Assembly         700118612807           PL-4-Lid Assembly Brass         700118612903           PL-4-Lid Assembly Brass         700118612910	ARCHES-DDL-MR16-CU-NL	700118612668
ARCHES-DDL-MRI6-BR-BLK         700118612699           ARCHES-DDL-MRI6-BR-BLK-NL         700118612705           BRYCE-HDL-AR11-AL-OL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612729           BRYCE-HDL-AR11-AL-BLK         700118612736           BRYCE-HDL-AR11-AL-BLK         700118612743           BRYCE-HDL-AR11-AL-BLK-NL         700118612750           BRYCE-HDL-AR11-CU-NL         700118612750           BRYCE-HDL-AR11-CU-NL         700118612767           BRYCE-HDL-AR11-CU-NL         700118612774           BRYCE-HDL-AR11-BR-NL         700118612774           BRYCE-HDL-AR11-BR-NL         700118612774           BRYCE-HDL-AR11-BR-NL         700118612804           CASCADES-SL-DB-7.5LB-AL-BLK         700118612811           CASCADES-SL-DB-7.5LB-BR         700118612828           CASCADES-SL-DB-7.5LB-BR-BLK         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612825           OZARK-SAL-DB-SLB-AL-BLK         700118612825           OZARK-SAL-DB-SLB-BR-BL         700118612826           NICHE-LIGHT         700118612804           PL-4LIGAS Assembly         700118612807           PL-4-LIGAS Assembly Copper         700118612903           PL-4-LIG Assembly Brass         700118612910	ARCHES-DDL-MR16-BR	700118612675
ARCHES-DDL-MRI6-BR-BLK-NL         700118612705           BRYCE-HDL-AR11-AL-OL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612729           BRYCE-HDL-AR11-AL-BLK         700118612736           BRYCE-HDL-AR11-AL-BLK         700118612750           BRYCE-HDL-AR11-AL-BLK-NL         700118612750           BRYCE-HDL-AR11-AL-BLK-NL         700118612757           BRYCE-HDL-AR11-CU         700118612767           BRYCE-HDL-AR11-BR         700118612774           BRYCE-HDL-AR11-BR-NL         7001186127781           BRYCE-HDL-AR11-BR-NL         700118612781           BRYCE-HDL-AR11-BR-BLK         700118612804           CASCADES-SL-DB-7.5LB-AL-BLK         700118612811           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612828           CASCADES-SL-DB-7.5LB-BR-BLK         700118612829           OZARK-SAL-DB-SLB-AL-BLK         700118612829           OZARK-SAL-DB-SLB-BR-BL         700118612830           PL-4-LIGHT         700118612830           PL-4-LIGHT         700118612800           PL-4-LIGHA         700118612800           PL-4-LIG Assembly Copper         700118612937           PL-4-LIG Assembly Brass         700118612910           PL	ARCHES-DDL-MR16-BR-NL	700118612682
BRYCE-HDL-AR11-AL-OL         700118612712           BRYCE-HDL-AR11-AL-OL-NL         700118612729           BRYCE-HDL-AR11-AL-BLK         700118612736           BRYCE-HDL-AR11-AL-BLK         700118612736           BRYCE-HDL-AR11-AL-BLK         700118612743           BRYCE-HDL-AR11-AL-BLK-NL         700118612750           BRYCE-HDL-AR11-CU         700118612767           BRYCE-HDL-AR11-BR         700118612774           BRYCE-HDL-AR11-BR-NL         700118612778           BRYCE-HDL-AR11-BR-NL         700118612781           BRYCE-HDL-AR11-BR-BLK         700118612811           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612828           CASCADES-SL-DB-7.5LB-BR-BLK         700118612828           OZARK-SAL-DB-SLB-AL-BLK         700118612828           OZARK-SAL-DB-SLB-BR-BLK         700118612842           OZARK-SAL-DB-SLB-BR-BLK         700118612842           OZARK-SAL-DB-SLB-BR-BLK         700118612842           OZARK-SAL-DB-SLB-BR-BLK         700118612840           NICHE-LIGHT         700118612840           PL-4-Lid Assembly Copper         700118612897           PL-4-Lid Assembly Brass         700118612930	ARCHES-DDL-MR16-BR-BLK	700118612699
BRYCE-HDL-AR1I-AL-OL-NL         700118612729           BRYCE-HDL-AR1I-AL-BLK         700118612736           BRYCE-HDL-AR1I-AL-BLK-NL         700118612737           BRYCE-HDL-AR1I-AL-BLK-NL         700118612750           BRYCE-HDL-AR1I-CU         700118612776           BRYCE-HDL-AR1I-CU-NL         700118612776           BRYCE-HDL-AR1I-BR         700118612778           BRYCE-HDL-AR1I-BR-NL         700118612781           BRYCE-HDL-AR1I-BR-BLK         700118612798           BRYCE-HDL-AR1I-BR-BLK         700118612811           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612828           CASCADES-SL-DB-7.5LB-BR-BLK         700118612842           OZARK-SAL-DB-SLB-AL-BLK         700118612842           OZARK-SAL-DB-SLB-BR-BLK         700118612842           OZARK-SAL-DB-SLB-BR-BLK         700118612842           OZARK-SAL-DB-SLB-BR-BLK         700118612842           OZARK-SAL-DB-SLB-BR-BLK         700118612842           OZARK-SAL-DB-SLB-BR         700118612842           OZARK-SAL-DB-SLB-BR-BLK         700118612842           OZARK-SAL-DB-SLB-BR-BLK         700118612842           PL-4-Lid Assembly Copper         700118612800           PL-4-Lid Assembly Copper         700118612803	ARCHES-DDL-MR16-BR-BLK-NL	700118612705
BRYCE-HDL-AR11-AL-BLK         700118612736           BRYCE-HDL-AR11-AL-BLK-NL         700118612743           BRYCE-HDL-AR11-AL-BLK-NL         700118612750           BRYCE-HDL-AR11-CU         700118612767           BRYCE-HDL-AR11-CU-NL         700118612774           BRYCE-HDL-AR11-BR         700118612774           BRYCE-HDL-AR11-BR-NL         700118612781           BRYCE-HDL-AR11-BR-BLK         700118612798           BRYCE-HDL-AR11-BR-BLK         700118612804           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-AL-BLK         700118612842           OZARK-SAL-DB-SLB-BR-BLK         700118612842           OZARK-SAL-DB-SLB-BR-BLK         700118612859           OZARK-SAL-DB-SLB-BR-BLK         700118612866           NICHE-LIGHT         700118612880           PL-4-Lid Assembly Copper         700118612897           PL-4-Lid Assembly Brass         700118612803           PL-4-Lid Assembly Brass         700118612903           PL-4-Lid Assembly Brass         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612934           PL-7-Lid Assembly Brass         700118612934	BRYCE-HDL-AR11-AL-OL	700118612712
BRYCE-HDL-AR11-AL-BLK         700118612736           BRYCE-HDL-AR11-AL-BLK-NL         700118612743           BRYCE-HDL-AR11-AL-BLK-NL         700118612750           BRYCE-HDL-AR11-CU         700118612767           BRYCE-HDL-AR11-CU-NL         700118612774           BRYCE-HDL-AR11-BR         700118612774           BRYCE-HDL-AR11-BR-NL         700118612781           BRYCE-HDL-AR11-BR-BLK         700118612798           BRYCE-HDL-AR11-BR-BLK         700118612804           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-AL-BLK         700118612842           OZARK-SAL-DB-SLB-BR-BLK         700118612842           OZARK-SAL-DB-SLB-BR-BLK         700118612859           OZARK-SAL-DB-SLB-BR-BLK         700118612866           NICHE-LIGHT         700118612880           PL-4-Lid Assembly Copper         700118612897           PL-4-Lid Assembly Brass         700118612903           PL-4-Lid Assembly Brass         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612934		700118612729
BRYCE-HDL-AR11-CU         700118612750           BRYCE-HDL-AR11-CU-NL         700118612767           BRYCE-HDL-AR11-BR         700118612774           BRYCE-HDL-AR11-BR         700118612781           BRYCE-HDL-AR11-BR-NL         700118612781           BRYCE-HDL-AR11-BR-NL         700118612798           BRYCE-HDL-AR11-BR-BLK         700118612804           CASCADES-SL-DB-7.5LB-AL-BLK         700118612811           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612828           CASCADES-SL-DB-7.5LB-BR-BLK         700118612829           OZARK-SAL-DB-SLB-AL-BLK         700118612859           OZARK-SAL-DB-SLB-BR-BL         700118612859           OZARK-SAL-DB-SLB-BR-BLK         700118612866           NICHE-LIGHT         700118612800           PL-4-Lid Assembly         700118612807           PL-4-Lid Assembly Brass         700118612903           PL-4-Lid Assembly Brass         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612934	BRYCE-HDL-AR11-AL-BLK	700118612736
BRYCE-HDL-AR11-CU-NL         700118612767           BRYCE-HDL-AR11-BR         700118612774           BRYCE-HDL-AR11-BR         700118612771           BRYCE-HDL-AR11-BR-NL         700118612781           BRYCE-HDL-AR11-BR-BLK         700118612798           BRYCE-HDL-AR11-BR-BLK         700118612804           CASCADES-SL-DB-7.5LB-AL-BLK         700118612811           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-BR-BLK         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612842           OZARK-SAL-DB-SLB-AL-BLK         700118612859           OZARK-SAL-DB-SLB-BR-BL         700118612859           OZARK-SAL-DB-SLB-BR-BLK         700118612859           OZARK-SAL-DB-SLB-BR-BLK         700118612866           NICHE-LIGHT         700118612800           PL-4-LIGHT         700118612800           PL-4-LIGHT         700118612800           PL-4-LIG Assembly Copper         700118612937           PL-4-LIG Assembly Brass         700118612910           PL-4-LIG Assembly Brass         700118612927           PL-7-LIG Assembly Brass         700118612927           PL-7-LIG Assembly Brass         700118612924           PL-7-LIG Assembly Brass         700118612924           P	BRYCE-HDL-AR11-AL-BLK-NL	700118612743
BRYCE-HDL-AR11-CU-NL         700118612767           BRYCE-HDL-AR11-BR         700118612774           BRYCE-HDL-AR11-BR-NL         700118612781           BRYCE-HDL-AR11-BR-NL         700118612798           BRYCE-HDL-AR11-BR-BLK         700118612798           BRYCE-HDL-AR11-BR-BLK-NL         700118612814           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-BR-BR         700118612825           OZARK-SAL-DB-SLB-AL-BLK         700118612825           OZARK-SAL-DB-SLB-BR-BR         700118612859           OZARK-SAL-DB-SLB-BR         700118612859           OZARK-SAL-DB-SLB-BR         700118612866           NICHE-LIGHT         700118612880           PL-Glass Assembly         700118612880           PL-4-Lid Assembly Copper         700118612937           PL-4-Lid Assembly Brass         700118612903           PL-4-Lid Assembly Brass         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612934	BRYCE-HDL-AR11-CU	700118612750
BRYCE-HDL-AR11-BR         700118612774           BRYCE-HDL-AR11-BR-NL         700118612781           BRYCE-HDL-AR11-BR-NL         700118612781           BRYCE-HDL-AR11-BR-BLK         700118612798           BRYCE-HDL-AR11-BR-BLK-NL         700118612811           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612842           OZARK-SAL-DB-SLB-AL-BLK         700118612859           OZARK-SAL-DB-SLB-BR         700118612866           NICHE-LIGHT         700118611937           MINI-BEAM         700118612880           PL-4-LIGAS Assembly         700118612880           PL-4-LIG Assembly Copper         700118612897           PL-4-Lid Assembly Brass         700118612903           PL-4-Lid Assembly Brass         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612934		700118612767
BRYCE-HDL-AR11-BR-NL         700118612781           BRYCE-HDL-AR11-BR-BLK         700118612798           BRYCE-HDL-AR11-BR-BLK         700118612798           BRYCE-HDL-AR11-BR-BLK-NL         700118612811           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612828           CASCADES-SL-DB-7.5LB-BR-BLK         700118612842           OZARK-SAL-DB-SLB-AL-BLK         700118612859           OZARK-SAL-DB-SLB-BR         700118612866           NICHE-LIGHT         700118611937           MINI-BEAM         700118612880           PL-4-Lid Assembly Copper         700118612897           PL-4-Lid Assembly Brass         700118612903           PL-4-Lid Assembly Brass         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612934		700118612774
BRYCE-HDL-AR11-BR-BLK         700118612798           BRYCE-HDL-AR11-BR-BLK-NL         700118612804           CASCADES-SL-DB-7.5LB-AL-BLK         700118612811           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612835           OZARK-SAL-DB-SLB-BR-BLK         700118612842           OZARK-SAL-DB-SLB-BR         700118612859           OZARK-SAL-DB-SLB-BR         700118612859           OZARK-SAL-DB-SLB-BR         700118612866           NICHE-LIGHT         700118611937           MINI-BEAM         700118612880           PL-4-Lid Assembly Copper         700118612897           PL-4-Lid Assembly Brass         700118612903           PL-4-Lid Assembly Brass         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612934		
BRYCE-HDL-ARII-BR-BLK-NL         700118612804           CASCADES-SL-DB-7.5LB-AL-BLK         700118612811           CASCADES-SL-DB-7.5LB-AL-BLK         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612828           CASCADES-SL-DB-7.5LB-BR-BLK         700118612842           OZARK-SAL-DB-SLB-AL-BLK         700118612859           OZARK-SAL-DB-SLB-AL-BLK         700118612859           OZARK-SAL-DB-SLB-BR-BLK         700118612866           NICHE-LIGHT         700118611937           MINI-BEAM         700118612880           PL-4-Lid Assembly Copper         700118612897           PL-4-Lid Assembly Brass         700118612803           PL-4-Lid Assembly Brass         700118612801           PL-4-Lid Assembly Brass         700118612897           PL-4-Lid Assembly Brass         700118612803           PL-4-Lid Assembly Brass         700118612903           PL-7-Lid Assembly Brass         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612934		
CASCADES-SL-DB-7.5LB-AL-BLK         700118612811           CASCADES-SL-DB-7.5LB-BR         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612835           OZARK-SAL-DB-7.5LB-BR-BLK         700118612842           OZARK-SAL-DB-SLB-AL-BLK         700118612842           OZARK-SAL-DB-SLB-AL-BLK         700118612859           OZARK-SAL-DB-SLB-BR-BLK         700118612866           NICHE-LIGHT         700118611937           MINI-BEAM         700118612880           PL-4-Lid Assembly         700118612897           PL-4-Lid Assembly Brass         700118612903           PL-7-Lid Assembly Brass         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612923           PL-7-Lid Assembly Brass         700118612934		
CASCADES-SL-DB-7.5LB-BR         700118612828           CASCADES-SL-DB-7.5LB-BR         700118612835           OZARK-SAL-DB-7.5LB-BR-BLK         700118612842           OZARK-SAL-DB-SLB-AL-BLK         700118612859           OZARK-SAL-DB-SLB-BR         700118612859           OZARK-SAL-DB-SLB-BR         700118612866           NICHE-LIGHT         700118611937           MINI-BEAM         700118611934           PL-Glass Assembly         700118612880           PL-4-Lid Assembly Copper         700118612897           PL-4-Lid Assembly Brass         700118612903           PL-4-Lid Assembly Brass         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass Black         72388859224           DL-MR16 Shield Copper         700118612934		
CASCADES-SL-DB-7.5LB-BR-BLK         700118612835           OZARK-SAL-DB-SLB-AL-BLK         700118612842           OZARK-SAL-DB-SLB-AL-BLK         700118612859           OZARK-SAL-DB-SLB-BR         700118612866           NICHE-LIGHT         700118611937           MINI-BEAM         700118611944           PL-Glass Assembly         700118612880           PL-4-Lid Assembly Copper         700118612897           PL-4-Lid Assembly Brass         700118612903           PL-4-Lid Assembly Brass         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612934		
OZARK-SAL-DB-SLB-AL-BLK         700118612842           OZARK-SAL-DB-SLB-BR         700118612859           OZARK-SAL-DB-SLB-BR         700118612856           NICHE-LIGHT         700118611937           MINI-BEAM         700118611937           MINI-BEAM         700118612860           PL-4-Lid Assembly         700118612880           PL-4-Lid Assembly Copper         700118612897           PL-4-Lid Assembly Brass         700118612903           PL-4-Lid Assembly Brass         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass         700118612934		
OZARK-SAL-DB-SLB-BR         700118612859           OZARK-SAL-DB-SLB-BR-BLK         700118612866           NICHE-LIGHT         700118611937           MINI-BEAM         700118611944           PL-Glass Assembly         700118612880           PL-4-Lid Assembly Copper         700118612897           PL-4-Lid Assembly Brass         700118612903           PL-4-Lid Assembly Brass Black         72388859217           PL-7-Lid Assembly Brass         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass Black         723888859224           DL-MRIG Shield Copper         700118612934		
OZARK-SAL-DB-SLB-BR-BLK         700118612866           NICHE-LIGHT         700118611937           MINI-BEAM         700118611944           PL-Glass Assembly         700118612880           PL-4-Lid Assembly Copper         700118612897           PL-4-Lid Assembly Brass         700118612903           PL-4-Lid Assembly Brass Black         72388859217           PL-7-Lid Assembly Copper         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass Black         723888859224           DL-MRI6 Shield Copper         700118612934		
NICHE-LIGHT         700118611937           MINI-BEAM         700118611944           PL-Glass Assembly         700118612880           PL-4-Lid Assembly Copper         700118612897           PL-4-Lid Assembly Brass         700118612903           PL-4-Lid Assembly Brass         70318612903           PL-4-Lid Assembly Brass Black         723888559217           PL-7-Lid Assembly Copper         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass Black         723888859224           DL-MR16 Shield Copper         700118612934		
MINI-BEAM         700118611944           PL-Glass Assembly         700118612880           PL-4-Lid Assembly Copper         700118612897           PL-4-Lid Assembly Brass         700118612903           PL-4-Lid Assembly Brass Black         72388859217           PL-7-Lid Assembly Copper         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass Black         72388859224           DL-MR16 Shield Copper         700118612934		
PL-Glass Assembly         700118612880           PL-4-Lid Assembly Copper         700118612897           PL-4-Lid Assembly Brass         700118612903           PL-4-Lid Assembly Brass Black         723888859217           PL-7-Lid Assembly Copper         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass Black         723888859224           DL-MR16 Shield Copper         700118612934		
PL-4-Lid Assembly Copper         700118612897           PL-4-Lid Assembly Brass         700118612903           PL-4-Lid Assembly Brass         723888859217           PL-7-Lid Assembly Copper         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass Black         723888859224           DL-MR16 Shield Copper         700118612934		
PL-4-Lid Assembly Brass         700118612903           PL-4-Lid Assembly Brass Black         723888859217           PL-7-Lid Assembly Copper         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass Black         723888859224           DL-7Lid Shield Copper         700118612934		
PL-4-Lid Assembly Brass Black         723888859217           PL-7-Lid Assembly Copper         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass Black         723888859224           DL-MRI6 Shield Copper         700118612934		
PL-7-Lid Assembly Copper         700118612910           PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass Black         723888859224           DL-MR16 Shield Copper         700118612934	PL-4-Lid Assembly Brass	
PL-7-Lid Assembly Brass         700118612927           PL-7-Lid Assembly Brass Black         72388859224           DL-MR16 Shield Copper         700118612934	· · · · · · · · · · · · · · · · · · ·	
PL-7-Lid Assembly Brass Black 723888859224 DL-MR16 Shield Copper 700118612934	PL-7-Lid Assembly Copper	
DL-MR16 Shield Copper 700118612934	PL-7-Lid Assembly Brass	
	PL-7-Lid Assembly Brass Black	723888859224
DL-MR16 Shield Brass 700118612941	DL-MR16 Shield Copper	700118612934
	DL-MR16 Shield Brass	700118612941

#### Part Number

UPC

DL-MR16 Shield Brass Black	723888859231
DL-MR11 Shield Copper	700118612958
DL-MR11 Shield Brass	700118612965
DL-MR11 Shield Brass Black	723888859248
Stake	700118612972
OLYMPIC BL-16"-MR16-FRST-BR	700118615669
OLYMPIC BL-16"-MR16-FRST-BR-NL	723888859026
OLYMPIC BL-16"-MR16-FRST-BR-BLK	723888859033
OLYMPIC BL-16"-MR16-FRST-BR-BLK-NL	723888859040
OLYMPIC BL-16"-MR16-FRST-CU	723888859057
OLYMPIC BL-16"-MR16-FRST-CU-NL	723888859064
YOSEMITE WL-PAR36-FLAT	723888859071
YOSEMITE WL-PAR36-FLAT-NL	723888859088
YOSEMITE WL-PAR36-ANGLE	723888859095
YOSEMITE WL-PAR36-ANGLE-NL	723888859101
BISCAYNE WL-MR16-FLAT	723888859286
BISCAYNE WL-MR16-FLAT-NL	723888859293
BISCAYNE WL-MR16-GRATE	723888859309
BISCAYNE WL-MR16-GRATE -NL	723888859316
GLACIER HDL-MR16-BR-BLK-FRST	0723888859415
GLACIER HDL-MR16-BR-BLK-FRST-NL	0723888859422
GLACIER HDL-MR16-BR-FRST	0723888859439
GLACIER HDL-MR16-BR-FRST-NL	0723888859446
GLACIER HDL-MR16-CU-FRST	0723888859453
GLACIER HDL-MR16-CU-FRST-NL	0723888859460
REDWOOD PL-G4-BR-18-BR-STEM	0723888859507
REDWOOD PL-G4-BR-18-BR-BLK-STEM	0723888859514
REDWOOD PL-G4-BR-18-CU-STEM	0723888859521
REDWOOD PL-G4-BR-BLK-18-BR- BLK-STEM	723888859866
PINNACLES DL-G4-BR	723888859408
PINNACLES DL-G4-BR-NL	723888859415
PINNACLES DL-G4-BR-BLK	723888859422
PINNACLES DL-G4-BR-BLK-NL	723888859439
TEE WALL WASHER COPPER	723888859446
TEE WALL WASHER BRASS	723888859453
TEE WALL WASHER BRASS BLK	723888859460
SURFACE MOUNT WALL WASH SMALL COPPER	723888859477
SURFACE MOUNT WALL WASH SMALL BRASS	723888859484
SURFACE MOUNT WALL WASH SMALL BRASS BLK	723888859491
SURFACE MOUNT WALL WASH MEDIUM COPPER	723888859507
SURFACE MOUNT WALL WASH MEDIUM BRASS	723888859514
SURFACE MOUNT WALL WASH MEDIUM BRASS BLK	723888859521
DECK MOUNT BRASS	0723888859477
DECK MOUNT BRASS BLACK	0723888859484
DECK MNT. ANODIZED BLK ALUMINUM	0723888859491
DDL-TM#2-AL-BLK	700118615645

#### Part Number

THE IMPALER	723888859125
CHAMELEON PROGRAMMING PUCK	700118615652
CARLSBAD UG-MR16-BR	723888859705
CARLSBAD UG-MR16-BR-NL	723888859712
CARLSBAD UG-MR16-CU	723888859729
CARLSBAD UG-MR16-CU-NL	723888859736
CARLSBAD UG-MR16-BR-BLK	723888859743
CARLSBAD UG-MR16-BR-BLK-NL	723888859750
CHAMELEON-G4-3000	723888859842
CHAMELEON-G4-2700	723888859835
MR11/MR8 RING ADAPTER	723888859828

### LAMP WARRANTY

Brilliance LED, LLC is committed to providing our customers with unparalleled quality and service. Your satisfaction is our goal. To this end, Brilliance LED, LLC warrants and guarantees the following:

If any product you purchase from Brilliance LED, LLC fails to perform according to specifications, we ask that you contact us immediately. If the product is found to contain defects of material or workmanship, your account will be credited at current replacement cost or the product will be replaced at no charge to you. The corresponding credit memo must be used within 6 months. No cash refunds will be issued.

Notwithstanding the foregoing, Brilliance LED, LLC reserves the right to inspect any returned/exchanged product for defects.

**This warranty does not cover** abuse, cosmetic damage, or damage due to acts of God, misuse, negligence or modification to any part of the product. **This warranty does not cover** damage due to failure to follow directions regarding operation of the product and also **does not** cover connection to improper power-supply (more than 24 volts), lightning strike, hot-plugging (electrical overstress), other power surges, any other primary side (line voltage) problem, or attempted repair by anyone other than a facility authorized by Brilliance LED, LLC to repair the product.

**This warranty does not cover water damage.** This warranty specifically disclaims any damage done to user equipment. In no event shall Brilliance LED, LLC be responsible for removal or re-installation of any product or for the expenses associated thereof. This warranty is given only to the original end user customer and may not be assigned or transferred to anyone else. It is the purchaser's obligation to retain proof of purchase documentation which shows the date of purchase. Brilliance LED, LLC will not warrant any defective product that has had its date of manufacture or other such pertinent information altered or removed.

Brilliance LED, LLC asks it's dealer network to take a common sense approach examining any faulty product and to use best judgment for replacement. Brilliance LED, LLC warrants to the purchaser that Brilliance LED Lamps will be free from defect in material and workmanship from the date of purchase. For individual product warranty periods see corresponding product cut sheet available on our website.

## To submit a warranty claim visit www.brillianceled.com/info and click the "RGA FORM" button to download the Excel document, then send the completed warranty RGA forms to: warranty@brillianceled.com

Warranty terms are subject to change without notice. Brilliance LED, LLC also reserves the right to modify these warranty terms in order to comply with policy or laws governing warranty issues in states or countries having specific remedies differing or additional to those described within this document.

### FIXTURE WARRANTY

Brilliance Metal Works, LLC is committed to providing our customers with unparalleled quality and service. Your satisfaction is our goal. To this end, Brilliance Metal Works, LLC warrants and guarantees the following: All warranty periods begin on the ship date.

#### Brilliance Metal Works fixtures carry:

• A lifetime repair or replacement coverage on all Brass & Copper fixtures, 10 year repair or replacement coverage on all Aluminum fixtures, and 5 year on light engines (i.e. Ozark/Cascade)

#### All underwater fixtures carry:

- A lifetime warranty on the Brass housing and a 5 year warranty that covers all internal components at a maximum depth of up to 10' (3m).
- A 5 year warranty on the Aluminum housing as well as a 5 year warranty that covers all internal components at a maximum depth of up to 10' (3m).

\*Not to be used in pool and spa rated areas or harsh water conditions (i.e. over chlorinated fountains).

Brilliance Metal Works, LLC assumes no responsibility for the improper installation of its products or for labor costs involved in repair or replacement.

Coverage does not apply to optional finishes should refinishing be required, charges will apply. We are not responsible for labor, down-time or equipment rental charges for on-site service. Shipping and handling charges, both ways, are the responsibility of the sender.

Broken glass is covered with repair or replacement at our discretion. Again, shipping and handling charges both ways are the responsibility of the sender.

Your product will be repaired or replaced at our discretion and promptly returned to you via common carrier of our choice. Average repair time from time of receipt is 3-5 business days, however times may vary. Should signature be required at time of delivery please notify us at time of RGA request. If a defective fixture is outdated and/or discontinued, it will be repaired.

No other warranties or guarantees, either expressed or implied, exist beyond the stated warranties herein. No employee or agent of Brilliance Metal Works, LLC may extend, modify and/or change the terms of these warranties.

Under no conditions will Brilliance Metal Works, LLC be liable for any incidental, consequential, special or money damages in connection with any breach of its' aforementioned warranties.

### To submit a warranty claim visit www.brillianceled.com/info and click the "RGA Fixture FORM" button to download the Excel document, then send the completed warranty RGA forms to: warranty@brillianceled.com

Warranty terms are subject to change without notice. Brilliance LED, LLC also reserves the right to modify these warranty terms in order to comply with policy or laws governing warranty issues in states or countries having specific remedies differing or additional to those described within this document.

For a list of stores near you that offer Brilliance products, please visit: www.brillianceled.com/purchase

Please email product orders to: orders@brillianceled.com



For current sales representative contacts in your area, as well as department specific corporate contacts please visit: www.brillianceled.com/contact



Photograph courtesy of Northstar Lighting and Casey Olson Designs

# VORK

Mount Denali is North America's tallest mountain, reaching well over 20,000 feet. - 59 Illustrated National Parks

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#### brillianceled.com

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