

 Lumière



architecturallandscape solutions

 **COOPER** Lighting

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Project: Desert Botanical Gardens, Phoenix, AZ / Landscape Architect: Ten Eyck Landscape Architects / Lighting Design: Creative Designs in Lighting / © 2004 Brett Drury Architectural Photography

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Lumière exemplifies the art & science of architectural landscape lighting. We provide innovative, precision lighting instruments that illuminate and enliven the nighttime environment. Our products are designed and engineered to be extremely small, adjustable, adaptable and rugged. This allows you to create distinctive environments of lasting beauty without drawing undue attention to the light source. Our goal is to provide a brilliant palette of lighting solutions that help fulfill your artistic vision.

#### AWARD WINNING DESIGN

The best product ideas come from the professionals that use them. As a result, our fixtures have been developed and refined in collaboration with the lighting design community. This philosophy, coupled with an uncompromising commitment to innovation, quality and value, has produced an impressive roster of patents and industry awards for outstanding fixture design.





## PREMIUM MATERIALS

We strive to use only the finest materials available. Time-honored architectural materials such as brass, bronze, copper and stainless steel, each selected specifically for their beauty and natural corrosion-resistance. Fixtures constructed from these materials also exude a warmth and splendor unlike any painted finish. Brass, bronze and copper will - over time - develop a natural, protective patina that will further enhance the beauty of the finish while extending the life of the fixture indefinitely. For applications where fixtures also serve as physical design elements these materials may be selected to match or compliment other architectural finishes, both indoors and out.

While brass, bronze, copper and stainless steel provide the highest level of corrosion-resistance, they are not practical or cost efficient for all types of products or projects. A viable, cost-effective alternative is aluminum. It can be formed by any one of several processes, which will accommodate most fixture designs. For these reasons, aluminum continues to be the material of choice for landscape lighting fixture design. But not all aluminum alloys are equal. Lumière strives to use solid 6061-T6 aluminum billet or extrusion wherever possible.



*Lumière products are precision-machined from premium materials on CNC (Computer Numeric Control) equipment.*

## MACHINED 6061-T6 ALUMINUM

6061-T6 aluminum is so pure that it cannot be cast. It must be machined on CNC (Computer Numeric Control) equipment. While this material and process is more expensive than producing aluminum castings, machined 6061-T6 aluminum components deliver a level of corrosion-resistance and specification tolerances not available in a cast product. As a result, precision-machined 6061-T6 aluminum provides corrosion-resistance approaching that of brass, bronze, copper and stainless at a cost closer to that of cast aluminum.

step 1



6061-T6 aluminum

step 2



precision-machined

step 3



chromate conversion  
undercoating

step 4



powdercoat finish

step 5

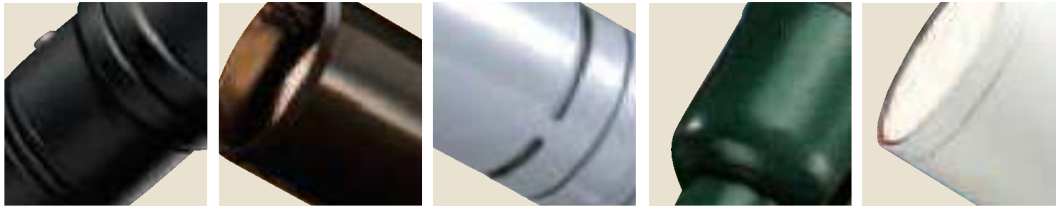


finished product

## THE FINISHING TOUCH

Lumière designs, engineers and builds fixtures that exceed the rigorous demands of the outdoor environment. Standard components include stainless steel hardware, high temperature o-rings and tempered glass lenses. Fixtures constructed from aluminum receive a comprehensive pretreatment regimen including a chromate conversion undercoating. This process produces an etched undercoating that yields a superior surface for bonding with the final topcoat. Last but not least, each fixture receives a polyester powdercoat paint finish for years of beauty and durability.

### Painted Finishes



BK  
black

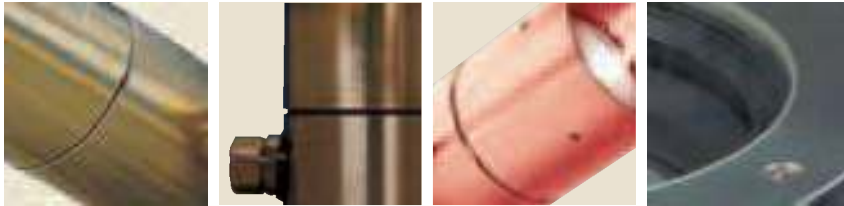
BZ  
bronze

CS  
city silver

VE  
verde

WT  
white

### Natural Metal Finishes



NBR  
brass

NBZ  
bronze

NCP  
copper

NSS  
stainless steel

## QUALITY FIRST – CUSTOMER FIRST

Lumière products are manufactured to ISO 9001-2000 Quality Systems Standards in our U.S. manufacturing facility. All products are UL / cUL listed and labeled. Lumière stands behind each product with a three (3) year warranty and Cooper Lighting's exclusive Customer First nation-wide service network.



ACCENT / FLOOD





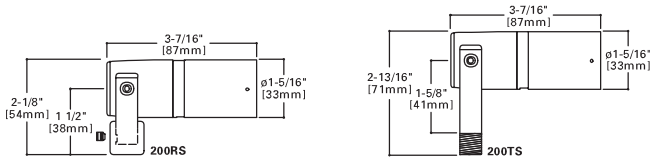


Lumière set the standard for extremely compact, adaptable fixtures that allow for innovative lighting design without drawing undue attention to the light source. We offer an extensive line of award-winning low voltage, line voltage and HID fixture designs. Whether commercial or residential, architectural or landscape, Lumière accent & flood fixtures provide unparalleled selection and performance.



# CAMBRIA 200

Accent / Flood → Low Voltage



## SPECIFICATION

### DESCRIPTION

A tiny and powerful low voltage halogen fixture. Ideal for indoor or outdoor applications with limited mounting area, or for accenting delicate architectural or landscape details. The fully adjustable mounting stem provides 340° tilt and 360° rotation for easy aiming. Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum or solid brass, bronze, copper or stainless steel.

### FINISH

6061-T6 aluminum is double protected by a chromate conversion undercoating and polyester powdercoat paint finish. Brass, bronze, copper and stainless steel is unpainted to reveal the natural beauty of the material. Brass, bronze and copper will patina naturally over time.

### ELECTRICAL

Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Also suitable for indoor use. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

### SAMPLE NUMBER

1 | 200RS    2 | 20MR8    3 | 12    4 | CS

### 1 | MODEL

200RS                      1/2-13 UNC adjustable rotational stem  
200TS                      1/2-13 UNC threaded stem

### 2 | SOURCE

20MR8                      Halogen  
                                    20W / MR8 / GZ4 (lamp not included)

### 3 | VOLTS

12                              12V remote transformer required (not included)

### 4 | FINISH

*Painted*  
BK                              black  
BZ                              bronze  
CS                              city silver  
VE                              verde  
WT                              white

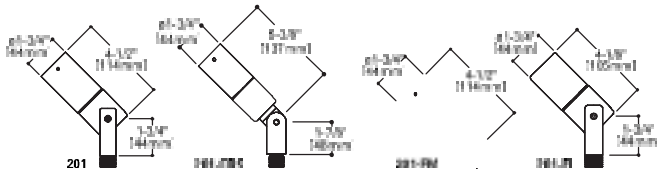
*Natural Metal*  
NBR                              brass  
NBZ                              bronze  
NCP                              copper  
NSS                              stainless steel

**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.



# CAMBRIA 201

Accent / Flood → Low Voltage



## SPECIFICATION

### DESCRIPTION

An ultra-compact MR11 low voltage halogen fixture. Available with fully adjustable side swivel stem (201, 201-FL), adjustable center rear swivel (201-CRS) or stationary rear flush mount (201-FM). Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum or solid brass, bronze, copper or stainless steel.

### FINISH

6061-T6 aluminum is double protected by a chromate conversion undercoating and polyester powdercoat paint finish. Brass, bronze, copper and stainless steel is unpainted to reveal the natural beauty of the material. Brass, bronze and copper will patina naturally over time.

### ELECTRICAL

Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. IP65 rated. Also suitable for indoor use. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made. Approved by New York City Dept. of Buildings, Bureau of Electrical Control for use in New York City, NY.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxiliary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

### SAMPLE NUMBER

1 | 201    2 | 35MR11    3 | 12    4 | NBR    5 | DC

### 1 | MODEL

201	1/2" NPS side swivel stem
201-CRS	1/2" NPS center rear swivel stem
201-FM	1/2" NPS rear flush mount
201-FL	1/2" NPS side swivel stem / flush lens

### 2 | SOURCE

35MR11	Halogen 35W / MR11 / GU4 (lamp not included)
--------	---

### 3 | VOLTS

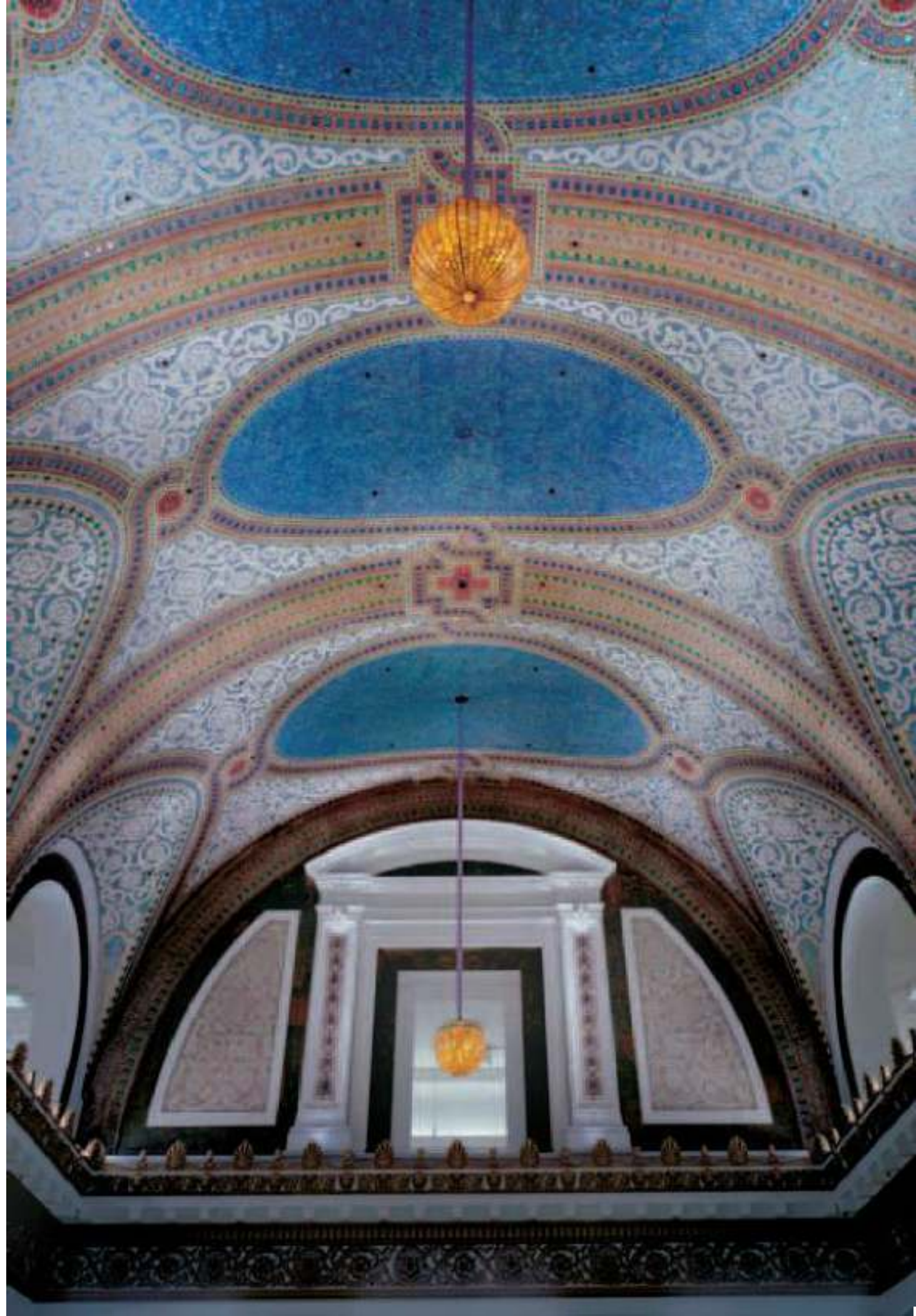
12	12V remote transformer required (not included)
----	--

### 4 | FINISH

<i>Painted</i>	
BK	black
BZ	bronze
CS	city silver
VE	verde
WT	white
<i>Natural Metal</i>	
NBR	brass
NBZ	bronze
NCP	copper
NSS	stainless steel

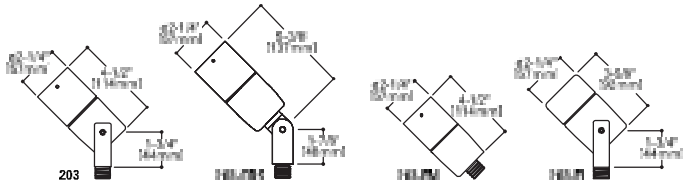
### 5 | OPTIONS

DC	D.C. bayonet base in lieu of GU4 bi-pin
----	---



# CAMBRIA 203

Accent / Flood → Low Voltage



## SPECIFICATION

### DESCRIPTION

The ultra-compact, MR16 industry standard. Available with fully adjustable side swivel stem (203, 203-FL), center rear swivel (203-CRS) or rear flush mount (203-FM). Lenses, louvers and color or dichroic filters can be combined - up to three at once - to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum or solid brass, bronze, copper or stainless steel.

### FINISH

6061-T6 aluminum is double protected by a chromate conversion undercoating and polyester powdercoat paint finish. Brass, bronze, copper and stainless steel is unpainted to reveal the natural beauty of the material. Brass, bronze and copper will patina naturally over time.

### ELECTRICAL

Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. IP65 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made. Approved by New York City Dept. of Buildings, Bureau of Electrical Control for use in New York City, NY.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxiliary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

### SAMPLE NUMBER

1 | 203    2 | 50MR16    3 | 12    4 | NBR

### 1 | MODEL

203	1/2" NPS side swivel stem
203-CRS	1/2" NPS center rear swivel stem
203-FM	1/2" NPS rear flush mount
203-FL	1/2" NPS side swivel stem / flush lens

### 2 | SOURCE

50MR16	Halogen 50W / MR16 / GU5.3 (lamp not included)
--------	---

### 3 | VOLTS

12	12V remote transformer required (not included)
----	--

### 4 | FINISH

<i>Painted</i>	
BK	black
BZ	bronze
CS	city silver
VE	verde
WT	white
<i>Natural Metal</i>	
NBR	brass
NBZ	bronze
NCP	copper
NSS	stainless steel

**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

## SPECIFICATION

SAMPLE NUMBER

1 | 2000RS    2 | 20MR8    3 | 12    4 | BK

### DESCRIPTION

Monaco low voltage fixtures are ideal for indoor or outdoor applications with limited mounting area. The tiny and powerful MR8 model accents delicate architectural or landscape details too petite for larger fixtures. The adjustable mounting stem provides 200° tilt and 360° rotation for easy aiming. Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum or solid brass, bronze, copper or stainless steel.

### FINISH

6061-T6 aluminum is double protected by a chromate conversion undercoating and polyester powdercoat paint finish. Brass, bronze, copper and stainless steel is unpainted to reveal the natural beauty of the material. Brass, bronze and copper will patina naturally over time.

### ELECTRICAL

Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

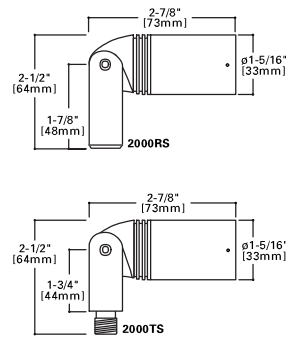
### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

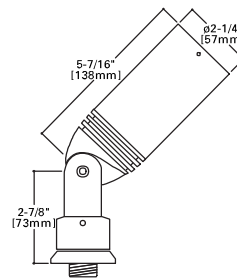
### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

NOTE: See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.



1   MODEL	2000RS 2000TS	1/2-13 UNC adjustable rotational stem 1/2-13 UNC threaded stem																		
2   SOURCE	20MR8	Halogen 20W / MR8 / GZ4 (lamp not included)																		
3   VOLTS	12	12V remote transformer required (not included)																		
4   FINISH	<table border="0"> <tr> <td><i>Painted</i></td> <td></td> <td><i>Natural Metal</i></td> </tr> <tr> <td>BK black</td> <td></td> <td>NBR brass</td> </tr> <tr> <td>BZ bronze</td> <td></td> <td>NBZ bronze</td> </tr> <tr> <td>CS city silver</td> <td></td> <td>NCP copper</td> </tr> <tr> <td>VE verde</td> <td></td> <td>NSS stainless steel</td> </tr> <tr> <td>WT white</td> <td></td> <td></td> </tr> </table>	<i>Painted</i>		<i>Natural Metal</i>	BK black		NBR brass	BZ bronze		NBZ bronze	CS city silver		NCP copper	VE verde		NSS stainless steel	WT white			
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BZ bronze		NBZ bronze																		
CS city silver		NCP copper																		
VE verde		NSS stainless steel																		
WT white																				

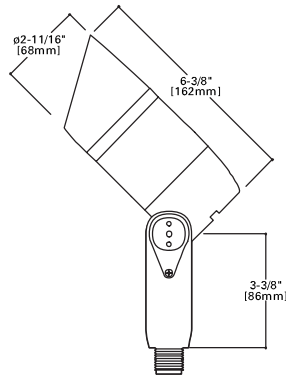


1   MODEL	2003	1/2" NPS adjustable rotational stem																		
2   SOURCE	50MR16	Halogen 50W / MR16 / GU5.3 (lamp not included)																		
3   VOLTS	12	12V remote transformer required (not included)																		
4   FINISH	<table border="0"> <tr> <td><i>Painted</i></td> <td></td> <td><i>Natural Metal</i></td> </tr> <tr> <td>BK black</td> <td></td> <td>NBR brass</td> </tr> <tr> <td>BZ bronze</td> <td></td> <td>NBZ bronze</td> </tr> <tr> <td>CS city silver</td> <td></td> <td>NCP copper</td> </tr> <tr> <td>VE verde</td> <td></td> <td>NSS stainless steel</td> </tr> <tr> <td>WT white</td> <td></td> <td></td> </tr> </table>	<i>Painted</i>		<i>Natural Metal</i>	BK black		NBR brass	BZ bronze		NBZ bronze	CS city silver		NCP copper	VE verde		NSS stainless steel	WT white			
<i>Painted</i>		<i>Natural Metal</i>																		
BK black		NBR brass																		
BZ bronze		NBZ bronze																		
CS city silver		NCP copper																		
VE verde		NSS stainless steel																		
WT white																				



# CAMBRIA 252

Accent / Flood → Low Voltage



## SPECIFICATION

### DESCRIPTION

An ultra-compact MR16 low voltage halogen fixture. Corrosion-proof composite construction makes it ideal for the harshest corrosive environments. A unique, patented pivot system provides easy aiming and prevents water intrusion (U.S. Patent No. 5,599,091). The integral, adjustable hood controls glare and is removable for relamping. Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects.

### MATERIAL

Corrosion-proof, U.V. resistant, injection-molded black composite.

### FINISH

Standard black finish.

### ELECTRICAL

Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made. Approved by New York City Dept. of Buildings, Bureau of Electrical Control for use in New York City, NY.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

### SAMPLE NUMBER

1 | 252    2 | 50MR16    3 | 12    4 | BK    5 | FWC

### 1 | MODEL

252

black composite with 1/2" NPS stem

### 2 | SOURCE

50MR16

Halogen

50W / MR16 / GU5.3 (lamp not included)

### 3 | VOLTS

12

12V remote transformer required (not included)

### 4 | FINISH

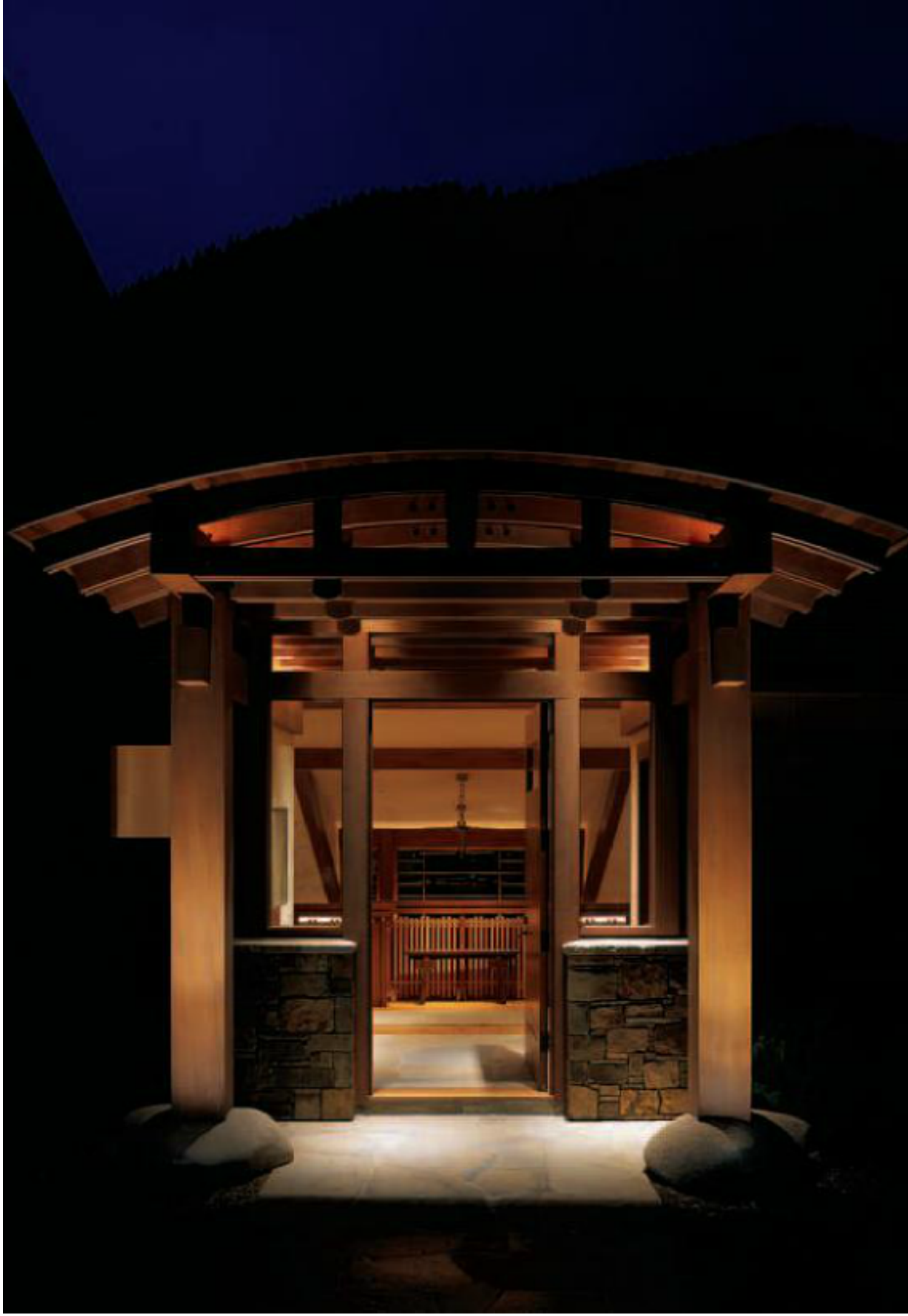
BK

black composite

### 5 | OPTIONS

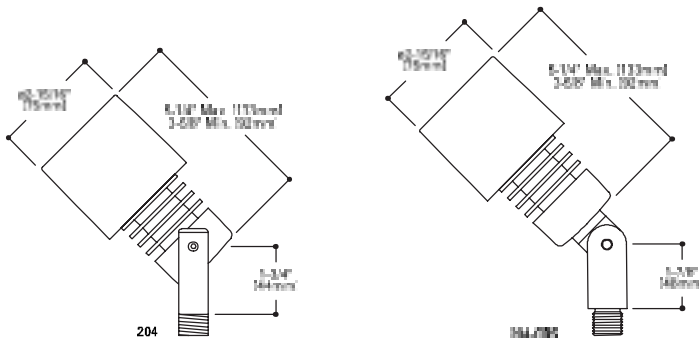
FWC

field wiring channels in lieu of 8" leads



# CAMBRIA 204

Accent / Flood → Low Voltage



## SPECIFICATION

### DESCRIPTION

An ultra-compact MR16 low voltage halogen fixture. The housing design incorporates an integral heat sink that promotes longer lamp life. An integral, adjustable lamp shroud provides convection cooling and glare control. Available with fully adjustable side swivel stem (204) or adjustable center rear swivel (204-CRS). Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. IP65 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made. Approved by New York City Dept. of Buildings, Bureau of Electrical Control for use in New York City, NY.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.



### SAMPLE NUMBER

1 | 204    2 | 75MR16    3 | 12    4 | BZ

### 1 | MODEL

204                      1/2" NPS side swivel stem  
204-CRS                1/2" NPS center rear swivel stem

### 2 | SOURCE

75MR16                Halogen  
                              75W / MR16 / GU5.3 (lamp not included)

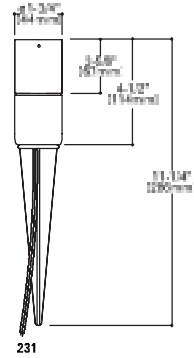
### 3 | VOLTS

12                                      12V remote transformer required (not included)

### 4 | FINISH

*Painted*  
BK                                black  
BZ                                bronze  
CS                                city silver  
VE                                verde  
WT                                white





## SPECIFICATION

### SAMPLE NUMBER

1 | 230      2 | 50MR16      3 | 12      4 | NCP

### DESCRIPTION

Cambria 230 (50-watt MR16) and 231 (35-watt MR11) are ultra-compact low voltage halogen fixtures. Both feature an integral mounting spike for easy installation of simple directional uplight. Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum, brass or copper. Mounting spike is cast zinc.

### FINISH

6061-T6 aluminum is double protected by a chromate conversion undercoating and polyester powdercoat paint finish. Brass and copper is unpainted to reveal the natural beauty of the material and will patina naturally over time.

### ELECTRICAL

Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

### LABELS & APPROVALS

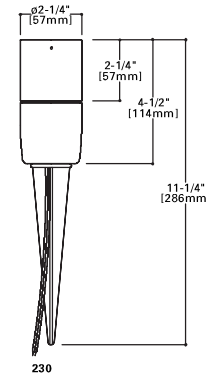
UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made. Approved by New York City Dept. of Buildings, Bureau of Electrical Control for use in New York City, NY.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

- |            |                |   |
|------------|----------------|---|
| 1   MODEL  | 231            | MR11 directional uplight                        |
| 2   SOURCE | 35MR11         | Halogen<br>35W / MR11 / GU4 (lamp not included) |
| 3   VOLTS  | 12             | 12V remote transformer required (not included)  |
| 4   FINISH |                |   |
|            | <i>Painted</i> | <i>Natural Metal</i>                            |
|            | BK black       | NBR brass                                       |
|            | BZ bronze      | NCP copper                                      |
|            | CS city silver |   |
|            | VE verde       |   |
|            | WT white       |   |



- |            |                |   |
|------------|----------------|---|
| 1   MODEL  | 230            | MR16 directional uplight                          |
| 2   SOURCE | 50MR16         | Halogen<br>50W / MR16 / GU5.3 (lamp not included) |
| 3   VOLTS  | 12             | 12V remote transformer required (not included)    |
| 4   FINISH |                |   |
|            | <i>Painted</i> | <i>Natural Metal</i>                              |
|            | BK black       | NBR brass   |
|            | BZ bronze      | NCP copper  |
|            | CS city silver |   |
|            | VE verde       |   |
|            | WT white       |   |



## SPECIFICATION

### SAMPLE NUMBER

1 | 213      2 | 50MR16      3 | 12      4 | NBR

### DESCRIPTION

Cambria 212 (35-watt MR11) and 213 (50-watt MR16) are ultra-compact low voltage halogen fixtures. Both feature a unique hanging design that allows placement where standard mounting methods are not possible. Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum, brass or copper.

### FINISH

6061-T6 aluminum is double protected by a chromate conversion undercoating and polyester powdercoat paint finish. Brass and copper is unpainted to reveal the natural beauty of the material and will patina naturally over time.

### ELECTRICAL

Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

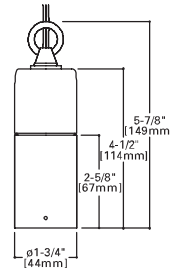
### LABELS & APPROVALS

UL and cUL listed, standard wet label. IP65 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made. Approved by New York City Dept. of Buildings, Bureau of Electrical Control for use in New York City, NY.

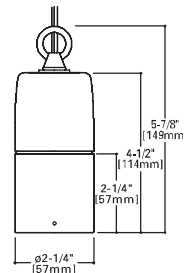
### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

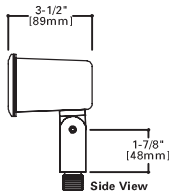
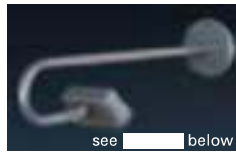
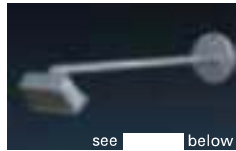
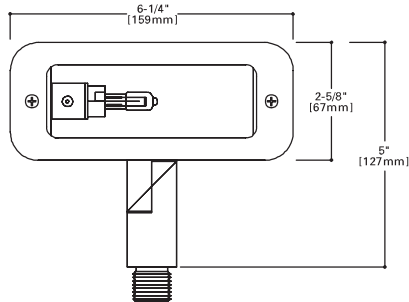


- |   |  |   |
|---|--|---|
| 1 | MODEL<br>212   | MR11 hanging downlight                          |
| 2 | SOURCE<br>35MR11   | Halogen<br>35W / MR11 / GU4 (lamp not included) |
| 3 | VOLTS<br>12  | 12V remote transformer required (not included)  |
| 4 | FINISH<br>Painted<br>BK black<br>BZ bronze<br>CS city silver<br>VE verde<br>WT white | Natural Metal<br>NBR brass<br>NCP copper        |



- |   |  |   |
|---|--|---|
| 1 | MODEL<br>213   | MR16 hanging downlight                            |
| 2 | SOURCE<br>50MR16   | Halogen<br>50W / MR16 / GU5.3 (lamp not included) |
| 3 | VOLTS<br>12  | 12V remote transformer required (not included)    |
| 4 | FINISH<br>Painted<br>BK black<br>BZ bronze<br>CS city silver<br>VE verde<br>WT white | Natural Metal<br>NBR brass<br>NCP copper          |

# CARMEL 403



Shown with accessory #FH403 (glare shield)

## SPECIFICATION

### DESCRIPTION

An ultra-compact low voltage halogen fixture. It utilizes a T4 lamp source and specular pebblestone aluminum reflector for high lumen output and even illumination. The adjustable mounting stem provides a full range of aiming from any mounting position. Optional wall mounted arm extensions are available for sign lighting. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Housing and lens cover are die-cast from silicone aluminum alloy. Mounting stem is precision-machined from corrosion-resistant 6061-T6 aluminum.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

### SAMPLE NUMBER

1 | 403    2 | 50T4    3 | 12    4 | BK    5 | HA30

1 | MODEL  
403                      mini flood with 1/2" adjustable stem

2 | SOURCE  
50T4                      Halogen  
50W / T4 / GY6.35 (lamp not included)

3 | VOLTS  
12                              12V remote transformer required (not included)

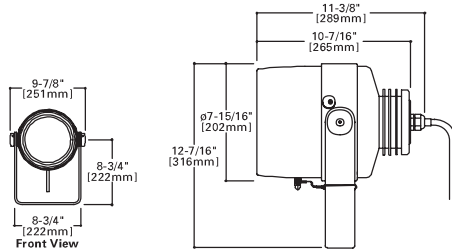
4 | FINISH  
*Painted*  
BK                              black  
BZ                              bronze  
CS                              city silver  
VE                              verde  
WT                              white

5 | OPTIONS  
HA24                              24" hook arm  
HA30                              30" hook arm  
HA36                              36" hook arm  
SA24                              24" straight arm  
SA30                              30" straight arm  
SA36                              36" straight arm



# SANIBEL 803

Accent / Flood → Low Voltage



## S P E C I F I C A T I O N

### DESCRIPTION

A low voltage fixture for use with PAR56 halogen lamps. It is a powerful illuminator for longer throws or broad intensity floodlighting applications. The rugged, fully adjustable mounting yoke utilizes a unique clutch locking mechanism for easy, precise aiming. Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects.

### MATERIAL

Housing and heavy-duty mounting yoke are constructed from corrosion-resistant silicone aluminum alloy.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxiliary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

### SAMPLE NUMBER

1 | 803    2 | 240PAR56    3 | 12    4 | CS    5 | SCH

### 1 | MODEL

803                      flood with adjustable mounting yoke

### 2 | SOURCE

240PAR56              Halogen  
240W / PAR56 / mogul (lamp not included)

### 3 | VOLTS

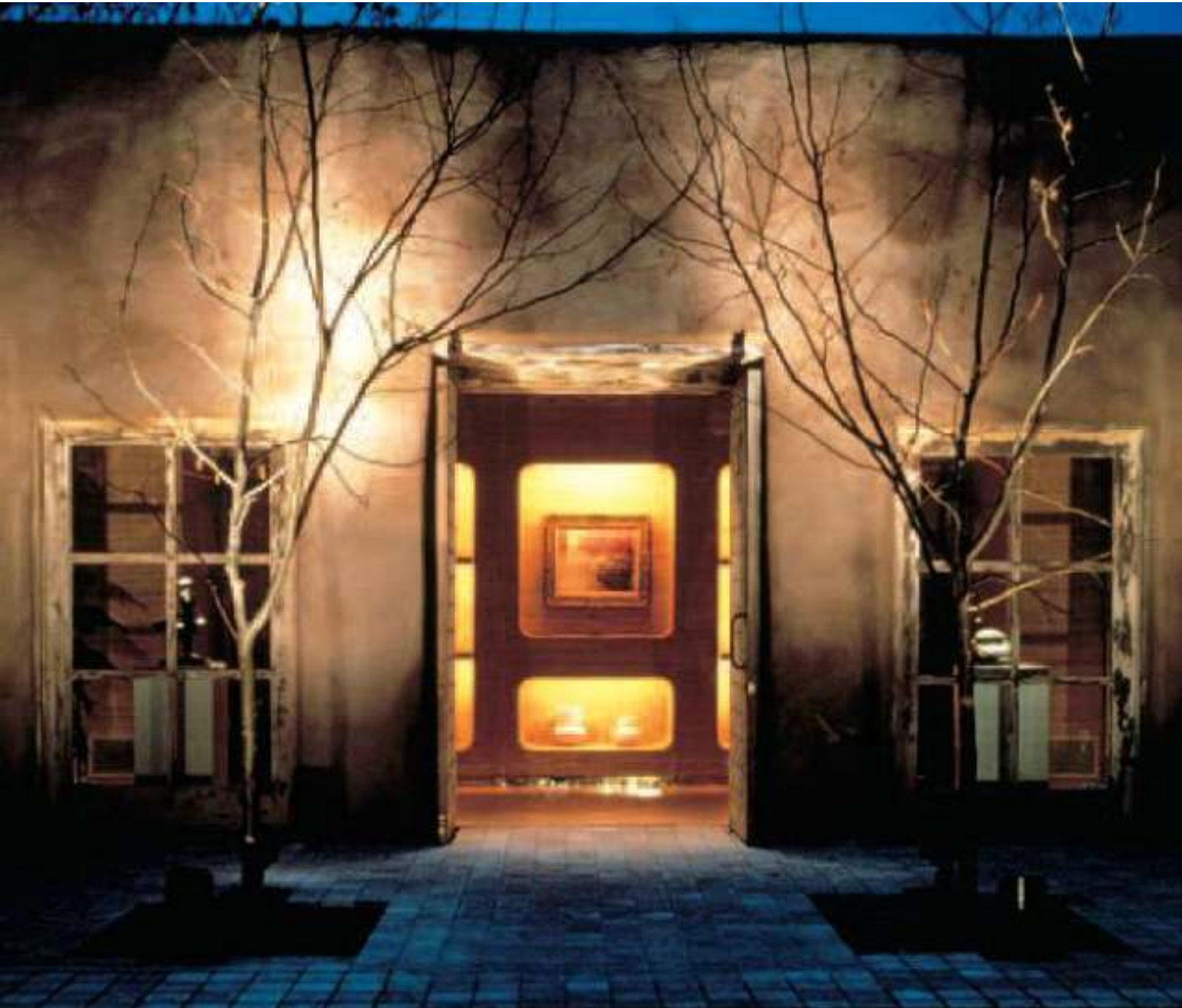
12                              12V transformer required (not included)

### 4 | FINISH

*Painted*  
BK                              black  
BZ                              bronze  
CS                              city silver  
VE                              verde  
WT                              white

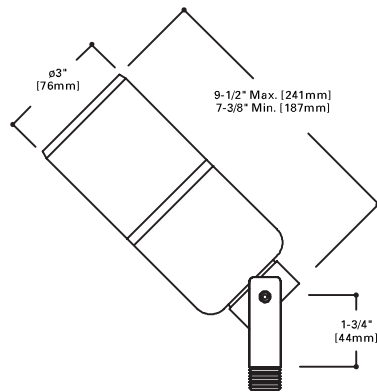
### 5 | OPTIONS

SCH                              safety chain (factory installed)  
YMA1                              direct J-box mount



# SANIBEL 301

Accent / Flood → Line Voltage



## S P E C I F I C A T I O N

### DESCRIPTION

An ultra-compact MR16 halogen line voltage fixture with integral 12V step-down transformer. It features a fully adjustable side swivel stem and built-in adjustable shroud to control glare. Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Hood and mounting stem are precision-machined from corrosion-resistant 6061-T6 aluminum. Housing is spun from silicone aluminum alloy.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Fixture includes integral 120/12V or 277/12V (specify) step-down transformer.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

NOTE: See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

### SAMPLE NUMBER

1 | 301    2 | 50MR16    3 | 120/12    4 | BZ

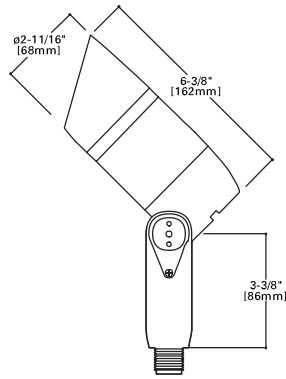
1 | MODEL  
301                      1/2" NPS stem / integral 12V transformer

2 | SOURCE  
50MR16                      Halogen  
50W / MR16 / GU5.3 (lamp not included)

3 | VOLTS  
120/12 or 277/12 (specify)  
Includes integral 12V step-down transformer

4 | FINISH  
Painted  
BK                      black  
BZ                      bronze  
CS                      city silver  
VE                      verde  
WT                      white

# CAMBRIA 355



## SPECIFICATION

### DESCRIPTION

An ultra-compact MR16 that connects directly to 120V line voltage. Corrosion-proof composite construction makes it ideal for the harshest corrosive environments. A unique, patented pivot system provides easy aiming and prevents water intrusion (U.S. Patent No. 5,599,091). The integral, adjustable hood controls glare and is removable for relamping. Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects.

### MATERIAL

Corrosion-proof, U.V. resistant, injection-molded black composite.

### FINISH

Standard black finish.

### ELECTRICAL

Fixture operates with 120V line voltage.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See Accessories & Technical Data section for additional optical, electrical and mounting accessories.

### SAMPLE NUMBER

1 | 355    2 | 50MR16    3 | 120    4 | BK

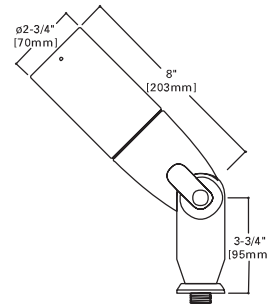
1 | MODEL  
355                      black composite with 1/2" NPS stem

2 | SOURCE  
50MR16                Halogen  
                             50W / MR16 / G8.5 (lamp included)

3 | VOLTS  
120

4 | FINISH  
BK                        black composite

# CORONADO 820 & 806 Accent / Flood → Line Voltage



## SPECIFICATION

### SAMPLE NUMBER

1 | 820      2 | 50PAR20      3 | 120      4 | CS

### DESCRIPTION

A compact line voltage fixture for use with PAR20 halogen lamps. Both models are fully adjustable from all mounting positions. Model 806 utilizes a side mounted swivel stem. Model 820 features a patented locking clutch mechanism (U.S. patents 5,713,662 and D373,437). Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Hood and mounting stem are precision-machined from corrosion-resistant 6061-T6 aluminum. Stem assembly / locking clutch for model 820 is die-cast aluminum. Housings for both models are die-cast aluminum.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. IP65 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### ELECTRICAL

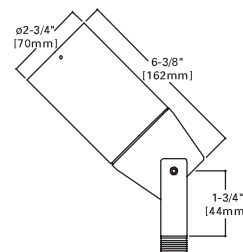
Fixture operates with 120V line voltage.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See Accessories & Technical Data section for additional optical, electrical and mounting accessories.

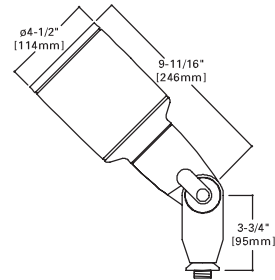
- 1 | MODEL  
820      1/2" NPS stem with locking clutch
- 2 | SOURCE  
50PAR20      Halogen  
50W / PAR20 / medium (lamp not included)
- 3 | VOLTS  
120
- 4 | FINISH  
*Painted*  
BK      black  
BZ      bronze  
CS      city silver  
VE      verde  
WT      white



- 1 | MODEL  
806      1/2" NPS side swivel stem
- 2 | SOURCE  
50PAR20      Halogen  
50W / PAR20 / medium (lamp not included)
- 3 | VOLTS  
120
- 4 | FINISH  
*Painted*  
BK      black  
BZ      bronze  
CS      city silver  
VE      verde  
WT      white



# CORONADO 830 & 811 Accent / Flood → Line Voltage



## SPECIFICATION

SAMPLE NUMBER

1 | 830    2 | 75PAR30    3 | 120    4 | BZ

### DESCRIPTION

A compact line voltage fixture for use with PAR30 halogen lamps. Both models are fully adjustable from all mounting positions. Model 811 utilizes a side mounted swivel stem. Model 830 features a patented locking clutch mechanism (U.S. patents 5,713,662 and D373,437). Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Hood and mounting stem are precision-machined from corrosion-resistant 6061-T6 aluminum. Stem assembly / locking clutch for model 830 is die-cast aluminum. Housings for both models are die-cast aluminum.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. IP65 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### ELECTRICAL

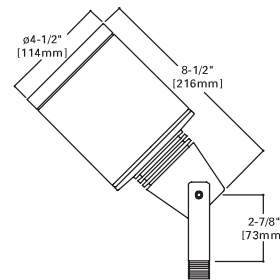
Fixture operates with 120V line voltage.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See Accessories & Technical Data section for additional optical, electrical and mounting accessories.

- |            |         |   |
|------------|---------|---|
| 1   MODEL  | 830     | 1/2" NPS stem with locking clutch                   |
| 2   SOURCE | 75PAR30 | Halogen<br>75W / PAR30 / medium (lamp not included) |
| 3   VOLTS  | 120     |   |
| 4   FINISH | Painted |   |
|            | BK      | black   |
|            | BZ      | bronze  |
|            | CS      | city silver   |
|            | VE      | verde   |
|            | WT      | white   |



- |            |         |   |
|------------|---------|---|
| 1   MODEL  | 811     | 1/2" NPS stem with side swivel stem                 |
| 2   SOURCE | 75PAR30 | Halogen<br>75W / PAR30 / medium (lamp not included) |
| 3   VOLTS  | 120     |   |
| 4   FINISH | Painted |   |
|            | BK      | black   |
|            | BZ      | bronze  |
|            | CS      | city silver   |
|            | VE      | verde   |
|            | WT      | white   |

# CORONADO 840 & 812

## SPECIFICATION

SAMPLE NUMBER

1 | 840    2 | 250PAR38    3 | 120    4 | CS

### DESCRIPTION

A compact line voltage fixture for use with PAR38 halogen lamps. Both models are fully adjustable from all mounting positions. Model 812 utilizes a side mounted swivel stem. Model 840 features a patented locking clutch mechanism (U.S. patents 5,713,662 and D373,437). Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Hood and mounting stem are precision-machined from corrosion-resistant 6061-T6 aluminum. Stem assembly / locking clutch for model 840 is die-cast aluminum. Housings for both models are die-cast aluminum.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. IP65 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

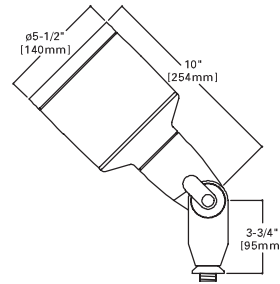
### ELECTRICAL

Fixture operates with 120V line voltage.

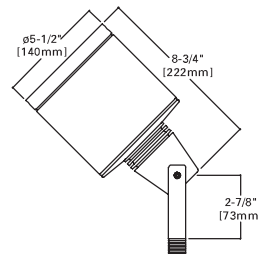
### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See Accessories & Technical Data section for additional optical, electrical and mounting accessories.



- |   |  |  |
|---|--|--|
| 1 | MODEL<br>840   | 1/2" NPS stem with locking clutch                    |
| 2 | SOURCE<br>250PAR38                                     | Halogen<br>250W / PAR38 / medium (lamp not included) |
| 3 | VOLTS<br>120   |  |
| 4 | FINISH<br><i>Painted</i><br>BK<br>BZ<br>CS<br>VE<br>WT | black<br>bronze<br>city silver<br>verde<br>white     |

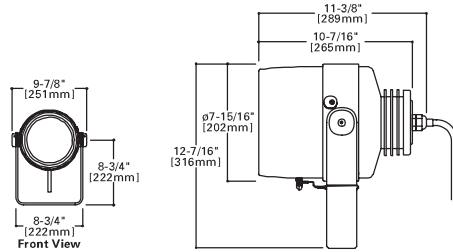


- |   |  |  |
|---|--|--|
| 1 | MODEL<br>812   | 1/2" NPS side swivel stem                            |
| 2 | SOURCE<br>250PAR38                                     | Halogen<br>250W / PAR38 / medium (lamp not included) |
| 3 | VOLTS<br>120   |  |
| 4 | FINISH<br><i>Painted</i><br>BK<br>BZ<br>CS<br>VE<br>WT | black<br>bronze<br>city silver<br>verde<br>white     |



# SANIBEL 813

Accent / Flood → Line Voltage



SAMPLE NUMBER

1 | 813    2 | 300PAR56    3 | 120    4 | BZ    5 | SCH

## SPECIFICATION

### DESCRIPTION

A line voltage fixture for use with PAR56 incandescent lamps. It is a powerful illuminator for longer throws or broad intensity floodlighting applications. The rugged, fully adjustable mounting yoke utilizes a unique clutch locking mechanism for easy, precise aiming. Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects.

### MATERIAL

Housing and heavy-duty mounting yoke are constructed from corrosion-resistant silicone aluminum alloy.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Fixture operates with 120V line voltage.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See Accessories & Technical Data section for additional optical, electrical and mounting accessories.

### 1 | MODEL

813

flood with adjustable mounting yoke

### 2 | SOURCE

300PAR56

Halogen

300W / PAR56 / mogul (lamp not included)

### 3 | VOLTS

120

### 4 | FINISH

*Painted*

BK

black

BZ

bronze

CS

city silver

VE

verde

WT

white

### 5 | OPTIONS

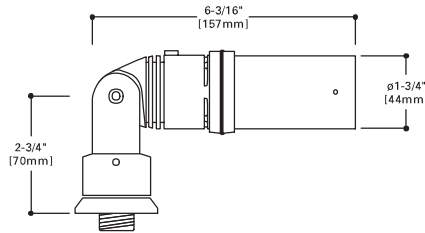
SCH

safety chain (*factory installed*)

YMA1

direct J-box mount





## SPECIFICATION

### DESCRIPTION

Ultra-compact, adjustable beam metal halide fixture for use with T4 ceramic metal halide lamps. Unique, field adjustable optics provide 30° to 49° spot-to-flood beam spread control using a single lamp. The fully adjustable center swivel stem provides 200° tilt and 360° rotation for easy aiming. Stainless steel vertical and horizontal aim-locking mechanisms ensure positive aiming. Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum, brass or stainless steel.

### FINISH

6061-T6 aluminum is double protected by a chromate conversion undercoating and polyester powdercoat paint finish. Brass and stainless steel is unpainted to reveal the natural beauty of the material. Brass will patina naturally over time.

### ELECTRICAL

Requires remote ballast. Maximum remote distance for core & coil ballast (120/208/240/277/347V) is 50'. Maximum remote distance for electronic ballast (120/277V) is 15'. Add prefix "EL" to ballast/mounting code to specify electronic ballast.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See Accessories & Technical Data section for additional optical, electrical and mounting accessories.

### SAMPLE NUMBER

1 | 2002 2 | MH39T4 3 | 120 4 | MB 5 | BK

### 1 | MODEL

2002 30° to 49° adjustable beam spread  
1/2" NPS adjustable rotational stem

### 2 | SOURCE

Metal Halide  
MH39T4 39W / T4 / G8.5 (lamp not included)

### 3 | VOLTS

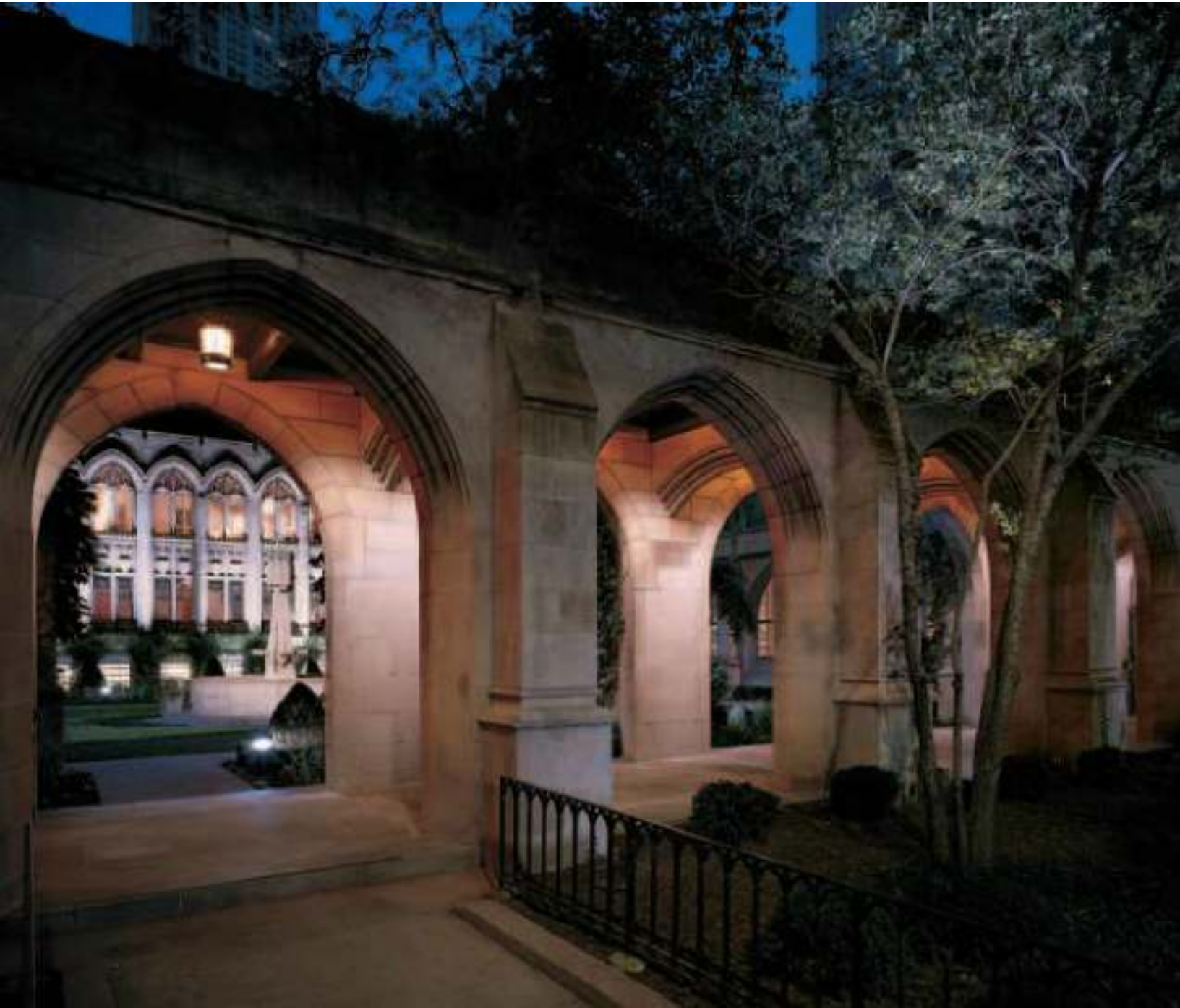
120, 208, 240, 277, 347 (specify)

### 4 | BALLAST / MOUNTING

ELMWM fixture mounts to wall-mounted electronic ballast/mini-housing, over J-box  
ELMSM fixture mounts to wall-mounted electronic ballast/mini-housing, bottom conduit entry  
ELMTS fixture mounts to electronic ballast/mini-housing, strapped to tree  
MB fixture mounts to inground core & coil ballast/housing  
SM fixture mounts to wall-mounted core & coil ballast/housing, bottom conduit entry  
WM fixture mounts to wall-mounted core & coil ballast/housing, over J-box  
WR fixture mounts to flat surface (any orientation), remote core & coil ballast/housing  
TS fixture mounts to core & coil ballast/housing, strapped to tree  
TSR fixture strapped to tree, remote inground core & coil ballast/housing  
TSR2 fixture strapped to tree, remote core & coil ballast/housing strapped to tree

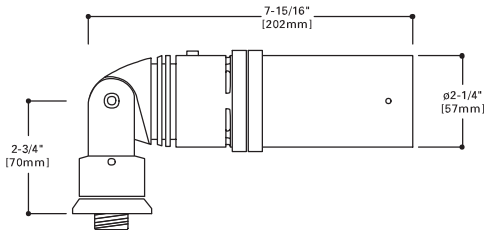
### 5 | FINISH

Painted		Natural Metal	
BK	black	NBR	brass
BZ	bronze	NSS	stainless steel
CS	city silver		
VE	verde		
WT	white		



# MONACO 2001

Accent / Flood → HID



## SPECIFICATION

### DESCRIPTION

Ultra-compact, adjustable beam metal halide fixture for use with T6 ceramic metal halide lamps. Unique, field adjustable optics provide 13° to 53° spot-to-flood beam spread control using a single lamp. The fully adjustable center swivel stem provides 200° tilt and 360° rotation for easy aiming. Stainless steel vertical and horizontal aim-locking mechanisms ensure positive aiming. Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum, brass or stainless steel.

### FINISH

6061-T6 aluminum is double protected by a chromate conversion undercoating and polyester powdercoat paint finish. Brass and stainless steel is unpainted to reveal the natural beauty of the material. Brass will patina naturally over time.

### ELECTRICAL

Requires remote ballast. Maximum remote distance for core & coil ballast (120/208/240/277/347V) is 50'. Maximum remote distance for electronic ballast (120/277V) is 15'. Add prefix "EL" to ballast/mounting code to specify electronic ballast.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See Accessories & Technical Data section for additional optical, electrical and mounting accessories.

### SAMPLE NUMBER

1 | 2001 2 | MH70T6 3 | 120 4 | MB 5 | BK

### 1 | MODEL

2001 13° to 53° adjustable beam spread  
1/2" NPS adjustable rotational stem

### 2 | SOURCE

Metal Halide  
MH39T6 39W / T6 / G12 (lamp not included)  
MH70T6 70W / T6 / G12 (lamp not included)

### 3 | VOLTS

120, 208, 240, 277, 347 (specify)

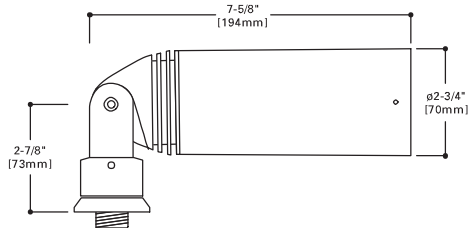
### 4 | BALLAST / MOUNTING

ELMWM fixture mounts to wall-mounted electronic ballast/mini-housing, over J-box  
ELMSM fixture mounts to wall-mounted electronic ballast/mini-housing, bottom conduit entry  
ELMTS fixture mounts to electronic ballast/mini-housing, strapped to tree  
MB fixture mounts to inground core & coil ballast/housing  
SM fixture mounts to wall-mounted core & coil ballast/housing, bottom conduit entry  
WM fixture mounts to wall-mounted core & coil ballast/housing, over J-box  
WR fixture mounts to flat surface (any orientation), remote core & coil ballast/housing  
TS fixture mounts to core & coil ballast/housing, strapped to tree  
TSR fixture strapped to tree, remote inground core & coil ballast/housing  
TSR2 fixture strapped to tree, remote core & coil ballast/housing strapped to tree

### 5 | FINISH

<i>Painted</i>		<i>Natural Metal</i>	
BK	black	NBR	brass
BZ	bronze	NSS	stainless steel
CS	city silver		
VE	verde		
WT	white		





## SPECIFICATION

### DESCRIPTION

Ultra-compact accent / flood fixture for use with PAR20 ceramic metal halide lamps. The fully adjustable center swivel stem provides 200° tilt and 360° rotation for easy aiming. Stainless steel vertical and horizontal aim-locking mechanisms ensure positive aiming. Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Precision-machined form corrosion-resistant 6061-T6 aluminum, brass or stainless steel.

### FINISH

6061-T6 aluminum is double protected by a chromate conversion undercoating and polyester powdercoat paint finish. Brass and stainless steel is unpainted to reveal the natural beauty of the material. Brass will patina naturally over time.

### ELECTRICAL

Requires remote ballast. Maximum remote distance for core & coil ballast (120/208/240/277/347V) is 50'. Maximum remote distance for electronic ballast (120/277V) is 15'. Add prefix "EL" to ballast/mounting code to specify electronic ballast.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See Accessories & Technical Data section for additional optical, electrical and mounting accessories.

### SAMPLE NUMBER

1 | 2004 | 2 | MH39PAR20 | 3 | 120 | 4 | MB | 5 | BK

### 1 | MODEL

2004 1/2" NPS adjustable rotational stem

### 2 | SOURCE

Metal Halide  
MH39PAR20 39W / PAR20 / medium (lamp not included)

### 3 | VOLTS

120, 208, 240, 277, 347 (specify)

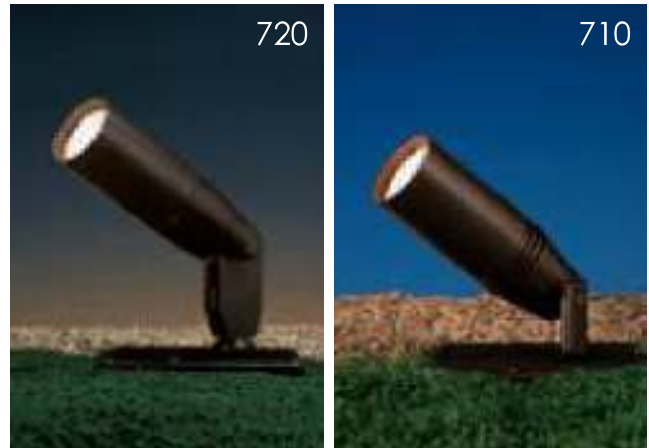
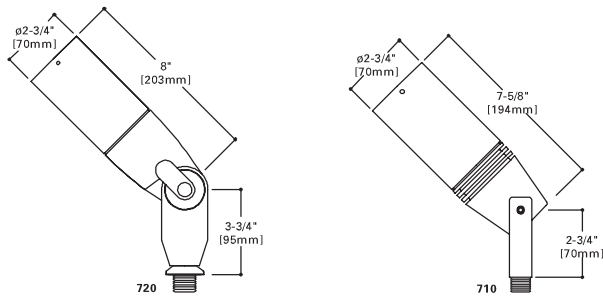
### 4 | BALLAST / MOUNTING

ELMWM	fixture mounts to wall-mounted electronic ballast/mini-housing, over J-box
ELMSM	fixture mounts to wall-mounted electronic ballast/mini-housing, bottom conduit entry
ELMTS	fixture mounts to electronic ballast/mini-housing, strapped to tree
MB	fixture mounts to inground core & coil ballast/housing
SM	fixture mounts to wall-mounted core & coil ballast/housing, bottom conduit entry
WM	fixture mounts to wall-mounted core & coil ballast/housing, over J-box
WR	fixture mounts to flat surface (any orientation), remote core & coil ballast/housing
TS	fixture mounts to core & coil ballast/housing, strapped to tree
TSR	fixture strapped to tree, remote inground core & coil ballast/housing
TSR2	fixture strapped to tree, remote core & coil ballast/housing strapped to tree

### 5 | FINISH

<i>Painted</i>		<i>Natural Metal</i>	
BK	black	NBR	brass
BZ	bronze	NSS	stainless steel
CS	city silver		
VE	verde		
WT	white		

# CORONADO 720 & 710



## SPECIFICATION

### DESCRIPTION

Ultra-compact accent / flood fixtures for use with PAR20 ceramic metal halide lamps. Both models are fully adjustable from all mounting positions. Model 710 utilizes a side mounted swivel stem. Model 720 features a patented locking clutch mechanism (U.S. patents 5,713,662 and D373,437). Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Hood and mounting stem are precision-machined from corrosion-resistant 6061-T6 aluminum. Stem assembly / locking clutch for model 720 is die-cast aluminum. Housings for both models are die-cast aluminum.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Requires remote ballast. Maximum remote distance for core & coil ballast (120/208/240/277/347V) is 50'. Maximum remote distance for optional electronic ballast (120/277V) is 15'. Add prefix "EL" to ballast/mounting code to specify electronic ballast.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. IP65 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made. Model 720 is approved by New York City Dept. of Buildings, Bureau of Electrical Control for use in New York City, NY.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

### SAMPLE NUMBER

1 | 720 2 | MH39PAR20 3 | 120 4 | MB 5 | BK

### 1 | MODEL

720 1/2" NPS stem with locking clutch  
710 1/2" NPS side swivel stem

### 2 | SOURCE Metal Halide

MH39PAR20 39W / PAR20 / medium (lamp not included)

### 3 | VOLTS

120, 208, 240, 277, 347 (specify)

### 4 | BALLAST / MOUNTING

MB fixture mounts to inground core & coil ballast/housing  
MBR fixture mounts to flat surface (any orientation), remote inground core & coil ballast/housing  
SM fixture mounts to wall-mounted core & coil ballast/housing, bottom conduit entry  
WM fixture mounts to wall-mounted core & coil ballast/housing, over J-box  
WR fixture mounts to flat surface (any orientation), remote core & coil ballast/housing  
TS fixture mounts to core & coil ballast/housing, strapped to tree  
TSR fixture strapped to tree, remote inground core & coil ballast/housing  
TSR2 fixture strapped to tree, remote core & coil ballast/housing strapped to tree

### 5 | FINISH

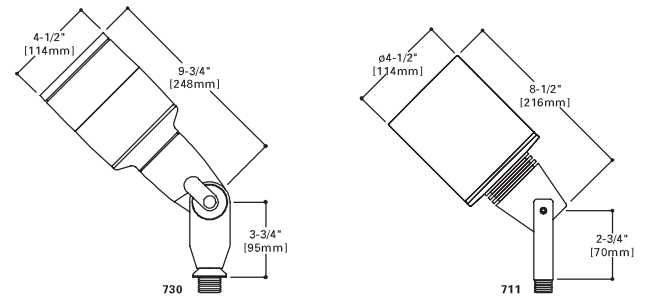
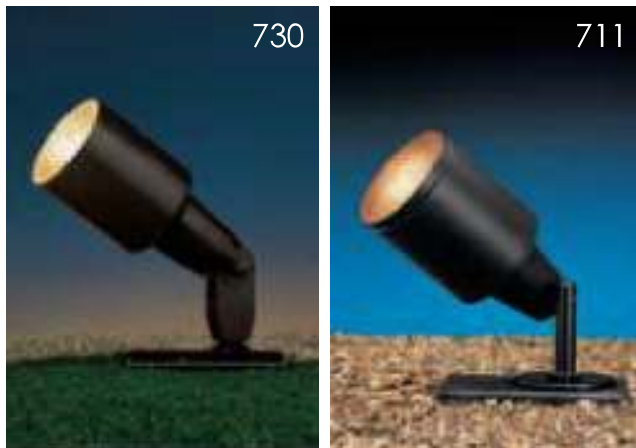
Painted  
BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

NOTE: See Accessories & Technical Data section for additional optical, electrical and mounting accessories.



# CORONADO 730 & 711

Accent / Flood → HID



## SPECIFICATION

### DESCRIPTION

Ultra-compact accent / flood fixtures for use with PAR30 ceramic metal halide lamps. Both models are fully adjustable from all mounting positions. Model 711 utilizes a side mounted swivel stem. Model 730 features a patented locking clutch mechanism (U.S. patents 5,713,662 and D373,437). Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Hood and mounting stem are precision-machined from corrosion-resistant 6061-T6 aluminum. Stem assembly / locking clutch for model 730 is die-cast aluminum. Housings for both models are die-cast aluminum.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Requires remote ballast. Maximum remote distance for core & coil ballast (120/208/240/277/347V) is 50'. Maximum remote distance for optional electronic ballast (120/277V) is 15'. Add prefix "EL" to ballast/mounting code to specify electronic ballast.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. IP65 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See Accessories & Technical Data section for additional optical, electrical and mounting accessories.

### SAMPLE NUMBER

1 | 730 | 2 | MH70PAR30 | 3 | 120 | 4 | MB | 5 | BK

### 1 | MODEL

730	1/2" NPS stem with locking clutch
711	1/2" NPS side swivel stem

### 2 | SOURCE

Metal Halide	
MH39PAR30	39W / PAR30 / medium (lamp not included)
MH70PAR30	70W / PAR30 / medium (lamp not included)

### 3 | VOLTS

120, 208, 240, 277, 347 (specify)

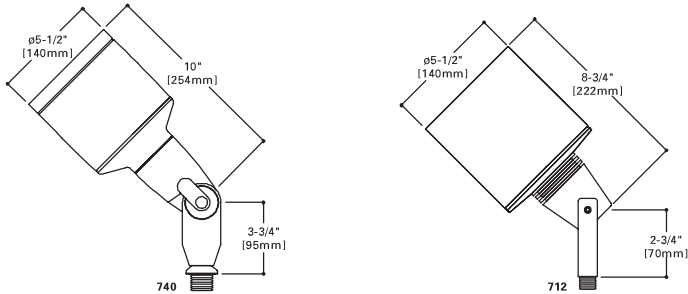
### 4 | BALLAST / MOUNTING

MB	fixture mounts to inground core & coil ballast/housing
MBR	fixture mounts to flat surface (any orientation), remote inground core & coil ballast/housing
SM	fixture mounts to wall-mounted core & coil ballast/housing, bottom conduit entry
WM	fixture mounts to wall-mounted core & coil ballast/housing, over J-box
WR	fixture mounts to flat surface (any orientation), remote core & coil ballast/housing
TS	fixture mounts to core & coil ballast/housing, strapped to tree
TSR	fixture strapped to tree, remote inground core & coil ballast/housing
TSR2	fixture strapped to tree, remote core & coil ballast/housing

### 5 | FINISH

Painted	
BK	black
BZ	bronze
CS	city silver
VE	verde
WT	white

# CORONADO 740 & 712



## SPECIFICATION

### DESCRIPTION

Ultra-compact accent / flood fixture for use with PAR38 ceramic metal halide lamps. Both models are fully adjustable from all mounting positions. Model 712 utilizes a side mounted swivel stem. Model 740 features a patented locking clutch mechanism (U.S. patents 5,713,662 and D373,437). Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Hood and mounting stem are precision-machined from corrosion-resistant 6061-T6 aluminum. Stem assembly / locking clutch for model 740 is die-cast aluminum. Housings for both models are die-cast aluminum.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Requires remote ballast. Maximum remote distance for core & coil ballast (120/208/240/277/347V) is 50'. Maximum remote distance for optional electronic ballast (120/277V) is 15'. Add prefix "EL" to ballast/mounting code to specify electronic ballast.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. IP65 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

NOTE: See Accessories & Technical Data section for additional optical, electrical and mounting accessories.



### SAMPLE NUMBER

1 | 740<sup>2</sup> | MH100PAR38<sup>3</sup> | 277<sup>4</sup> | MB<sup>5</sup> | BK

### 1 | MODEL

740 1/2" NPS with locking clutch  
712 1/2" NPS side swivel stem

### 2 | SOURCE Metal Halide

MH70PAR38 70W / PAR38 / medium (lamp not included)  
MH100PAR38 100W / PAR38 / medium (lamp not included)

### 3 | VOLTS

120, 208, 240, 277, 347 (specify)

### 4 | BALLAST / MOUNTING

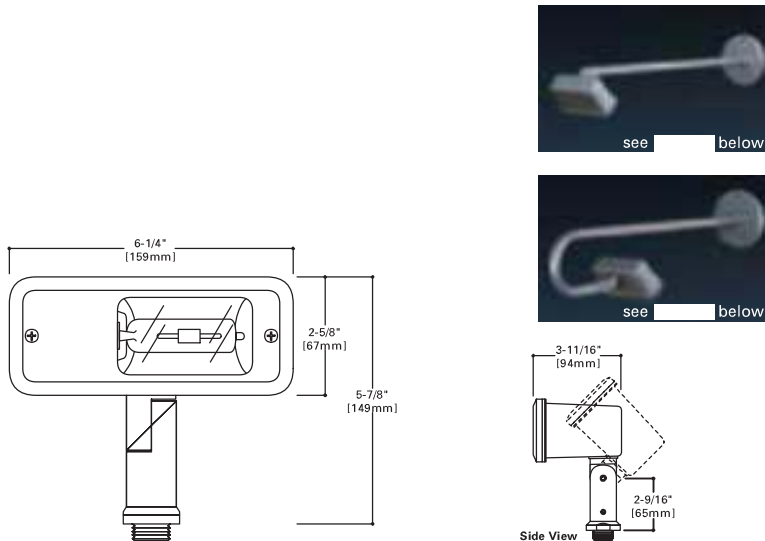
MB fixture mounts to inground core & coil ballast/housing  
MBR fixture mounts to flat surface (any orientation), remote inground core & coil ballast/housing  
SM fixture mounts to wall-mounted core & coil ballast/housing, bottom conduit entry  
WM fixture mounts to wall-mounted core & coil ballast/housing, over J-box  
WR fixture mounts to flat surface (any orientation), remote core & coil ballast/housing  
TS fixture mounts to core & coil ballast/housing, strapped to tree  
TSR fixture strapped to tree, remote inground core & coil ballast/housing  
TSR2 fixture strapped to tree, remote core & coil ballast/housing strapped to tree

### 5 | FINISH

Painted  
BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

# CARMEL 450

Accent / Flood → HID



## SPECIFICATION

### DESCRIPTION

An ultra-compact flood fixture for use with T6 ceramic metal halide lamps. Its rugged, contemporary design and wide array of mounting options make ideal for architectural, landscape and sign lighting applications. The adjustable mounting stem provides a full range of aiming from any mounting position. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Housing and lens cover are die-cast from silicone aluminum alloy. Mounting stem is precision-machined from corrosion-resistant 6061-T6 aluminum.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Requires remote ballast. Maximum remote distance for core & coil ballast (120/208/240/277/347V) is 50'. Maximum remote distance for optional electronic ballast (120/277V) is 15'. Add prefix "EL" to ballast/mounting code to specify electronic ballast.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

NOTE: See Accessories & Technical Data section for additional optical, electrical and mounting accessories.

### SAMPLE NUMBER

1 | 450 2 | MH70T6 3 | 120 4 | MB 5 | CS 6 | HA24

### 1 | MODEL

450 mini flood with 1/2" NPS adjustable stem

### 2 | SOURCE Metal Halide

MH39T6 39W / T6 / G12 (lamp not included)  
MH70T6 70W / T6 / G12 (lamp not included)

### 3 | VOLTS

120, 208, 240, 277, 347 (specify)

### 4 | BALLAST / MOUNTING

MB fixture mounts to inground core & coil ballast/housing  
SM fixture mounts to wall-mounted core & coil ballast/housing, bottom conduit entry  
WM fixture mounts to wall-mounted core & coil ballast/housing, over J-box  
WR fixture mounts to flat surface (any orientation), remote core & coil ballast/housing  
TS fixture mounts to core & coil ballast/housing, strapped to tree  
TSR fixture strapped to tree, remote inground core & coil ballast/housing

### 5 | FINISH

Painted  
BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

### 6 | OPTIONS

HA24 24" hook arm  
HA30 30" hook arm  
HA36 36" hook arm  
SA24 24" straight arm  
SA30 30" straight arm  
SA36 36" straight arm

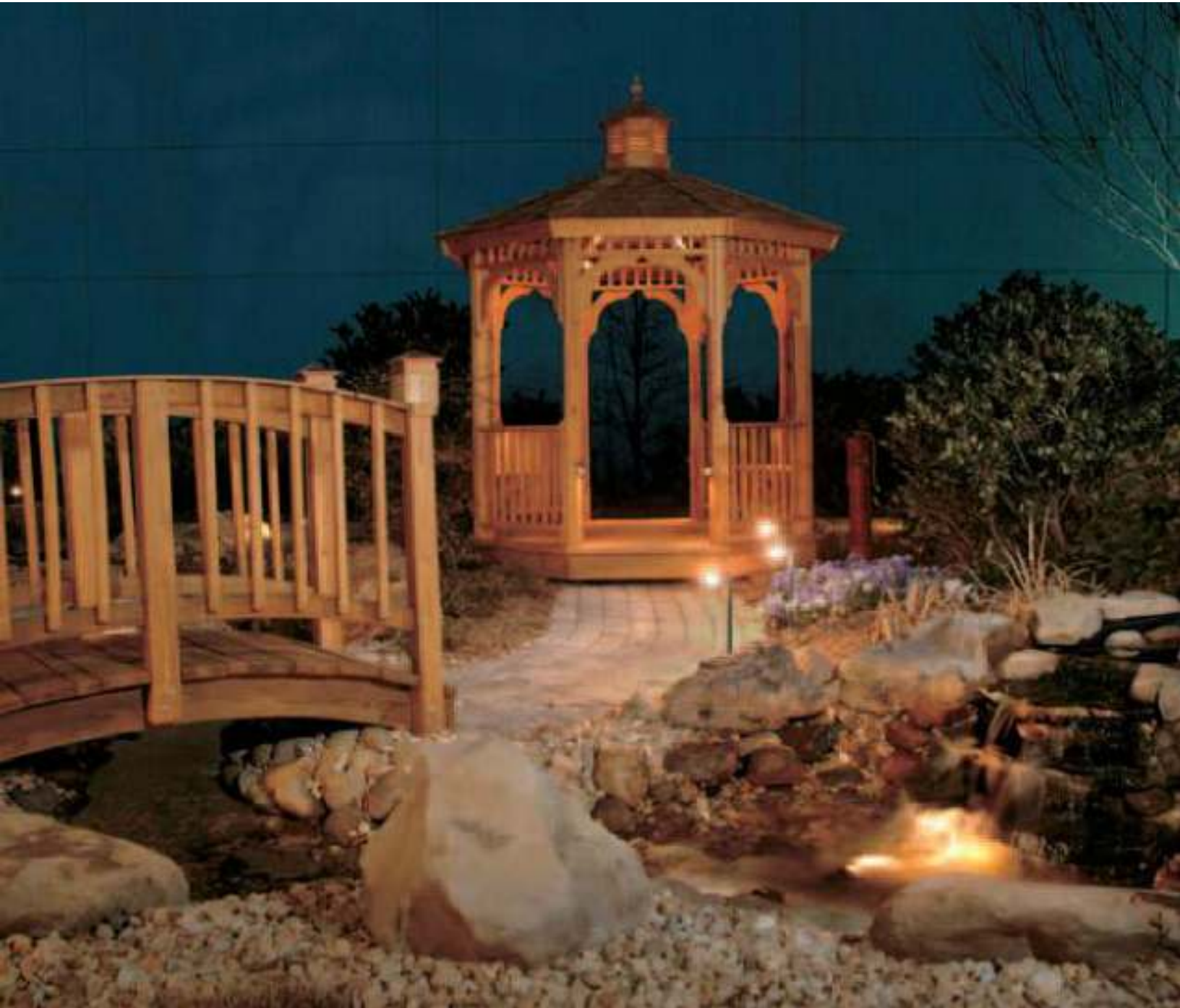
NOTE: Mounting arms for use with WM or WR ballast/mounting only.

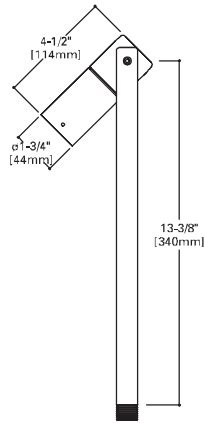
# PATHWAY





Pathway lighting provides direction, security and drama along nighttime pedestrian walkways. Lumière's selection of multi-directional, adjustable and stationary pathway fixtures provide practical, attractive and long-lasting solutions to a myriad of commercial and residential applications.





## SPECIFICATION

### DESCRIPTION

Ultra-compact MR11 low voltage pathway fixture and extended length mounting post deliver a full range of aiming from any mounting position. Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum or solid brass, bronze, copper or stainless steel.

### FINISH

6061-T6 aluminum is double protected by a chromate conversion undercoating and polyester powdercoat paint finish. Brass, bronze, copper and stainless steel is unpainted to reveal the natural beauty of the material. Brass, bronze and copper will patina naturally over time.

### ELECTRICAL

Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. IP65 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxiliary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

### SAMPLE NUMBER

1 | 205    2 | 35MR11    3 | 12    4 | VE    5 | DC

### 1 | MODEL

205                      single head with 1/2" NPS post

### 2 | SOURCE

35MR11                      Halogen  
35W / MR11 / GU4 (lamp not included)

### 3 | VOLTS

12                              12V remote transformer required (not included)

### 4 | FINISH

#### Painted

BK                              black  
BZ                              bronze  
CS                              city silver  
VE                              verde  
WT                              white

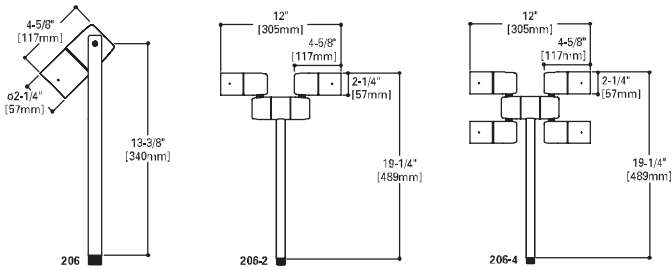
#### Natural Metal

NBR                              brass  
NBZ                              bronze  
NCP                              copper  
NSS                              stainless steel

### 5 | OPTIONS

DC                              D.C. bayonet base in lieu of bi-pin

# CAMBRIA 206



## SPECIFICATION

### DESCRIPTION

Ultra-compact MR16 low voltage pathway fixtures with one, two or four fixture heads. Each model attaches to an extended length mounting post and delivers a full range of aiming from any mounting position. Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum or solid brass, bronze, copper or stainless steel.

### FINISH

6061-T6 aluminum is double protected by a chromate conversion undercoating and polyester powdercoat paint finish. Brass, bronze, copper and stainless steel is unpainted to reveal the natural beauty of the material. Brass, bronze and copper will patina naturally over time.

### ELECTRICAL

Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. IP65 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

### SAMPLE NUMBER

1 | 206    2 | 50MR16    3 | 12    4 | BZ

1 | MODEL  
 206                      single head with 1/2" NPS post  
 206-2                    twin heads with 1/2" NPS post  
 206-4                    four heads with 1/2" NPS post

2 | SOURCE                      Halogen  
 50MR16                    50W / MR16 / GU5.3 (lamp not included)

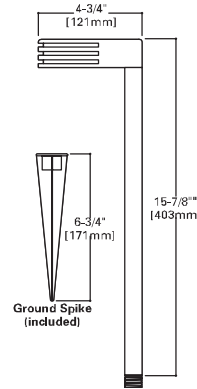
3 | VOLTS  
 12                              12V remote transformer required (not included)

4 | FINISH  
*Painted*  
 BK                              black  
 BZ                              bronze  
 CS                              city silver  
 VE                              verde  
 WT                              white

*Natural Metal*  
 NBR                              brass  
 NBZ                              bronze  
 NCP                              copper  
 NSS                              stainless steel

*Models 206-2 & 206-4 not available in NBR or NSS metal finishes.*





## SPECIFICATION

SAMPLE NUMBER

1 | 1502    2 | INC18    3 | 12    4 | BZ

### DESCRIPTION

Rugged and attractive pathway fixtures for use with low voltage (12V) incandescent or compact fluorescent lamp sources (120V line voltage). Both models provide comfortable, low glare illumination and are ideal for a wide variety of commercial and residential applications. Fixtures with low voltage lamp source include a 6-3/4" cast zinc ground spike.

### MATERIAL

Housing is die-cast from silicone aluminum alloy. Mounting post is precision-machined from corrosion-resistant 6061-T6 aluminum.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

CF5: Includes integral 120V ballast. INC18 and 50T4: Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

### LABELS & APPROVALS

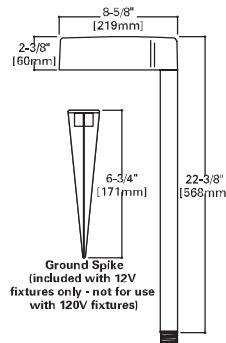
UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

1   MODEL	1502	slotted housing with 1/2" NPS post
2   SOURCE	INC18	Incandescent 18W / S8 / D.C. bayonet (lamp included)
3   VOLTS	12	12V remote transformer required (not included)
4   FINISH	Painted BK BZ CS VE WT	black bronze city silver verde white



1   MODEL	1503	solid housing with 1/2" NPS post
2   SOURCE	INC18 50T4 CF5	Incandescent / Halogen 18W / S8 / D.C. bayonet (lamp included) 50W / T4 / GY6.35 (lamp included) Fluorescent 5W / twin tube / G23 (lamp included)
3   VOLTS	12 120	Incandescent / Halogen 12V remote transformer required (not included) Fluorescent
4   FINISH	Painted BK BZ CS VE WT	black bronze city silver verde white



## SPECIFICATION

SAMPLE NUMBER

1 | 1507    2 | INC18    3 | 12    4 | BZ

### DESCRIPTION

Maui 1507 and 1510 are low voltage pathway fixtures for use with incandescent / halogen lamps (provided). Both models include a 6-3/4" cast zinc ground spike. Model 1510 features an adjustable lamp housing that can be positioned downward for path lighting or upward for flood / facade lighting.

### MATERIAL

Housing is die-cast from silicone aluminum alloy. Mounting post is precision-machined from corrosion-resistant 6061-T6 aluminum.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

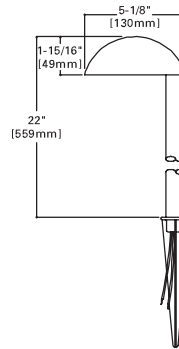
### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

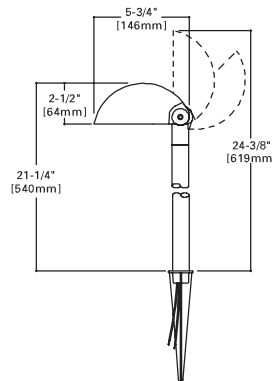
### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.



- |  |  |
|--|--|
| 1   MODEL<br>1507  | stationary housing with 1/2" NPS post  |
| 2   SOURCE<br>INC18<br>20T4                                | Incandescent / Halogen<br>18W / S8 / D.C. bayonet (lamp included)<br>20W / T4 / GY6.35 (lamp included) |
| 3   VOLTS<br>12  | 12V remote transformer required (not included)   |
| 4   FINISH<br><i>Painted</i><br>BK<br>BZ<br>CS<br>VE<br>WT | black<br>bronze<br>city silver<br>verde<br>white   |



- |  |  |
|--|--|
| 1   MODEL<br>1510  | adjustable housing with 1/2" NPS post  |
| 2   SOURCE<br>INC18<br>35T4                                | Incandescent / Halogen<br>18W / S8 / D.C. bayonet (lamp included)<br>35W / T4 / GY6.35 (lamp included) |
| 3   VOLTS<br>12  | 12V remote transformer required (not included)   |
| 4   FINISH<br><i>Painted</i><br>BK<br>BZ<br>CS<br>VE<br>WT | black<br>bronze<br>city silver<br>verde<br>white   |

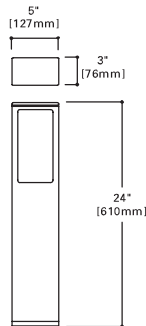
# BOLLARDS





Lumière bollards include innovations of old and new. Our ever-popular Tahoe mini-bollards have been copied but never duplicated. Our patented Sedona bollards utilize an edge lit glass block lens that provides an attractive, low-glare aesthetic like no other. It functions as a standalone, sculptural form or a luminous compliment to architectural elements that employ the use of glass block.





## SPECIFICATION

### DESCRIPTION

Sedona is a bollard unlike any other. It utilizes a decorative, edge lit glass block lens. This unique and patented concept provides a functional, low-glare source of light in an attractive, sculptural form. Standard lamp sources include compact fluorescent, incandescent PAR lamps or low voltage MR16 halogen. Our patented LumaLevel™ leveling system provides quick installation, easy adjustment, secure mounting and protection from vibration.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum extrusion. Mounting base is cast from silicone aluminum alloy.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

CF42: Includes integral electronic ballast (120/277V). Universal GX24q socket accepts 26W, 32W and 42W 4-pin lamps. 50PAR20: Operates with line voltage (120V). 50MR16: step-down transformer required (not included). Specify option -IT for integral transformer. See *Accessories & Technical Data* section for remote transformers.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

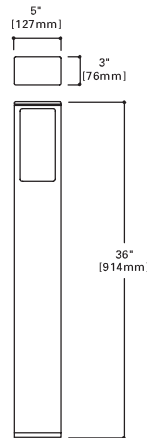
### SAMPLE NUMBER

1 | 1800 2 | 24 3 | CF42 4 | 120 5 | CS 6 | LAB

1	MODEL 1800	Sedona bollard with glass block lens
2	SIZE 24	24" high
3	SOURCE CF42	Compact Fluorescent 42W / triple tube / universal GX24q <i>(lamp not included)</i>
	50PAR20	Incandescent 50W / PAR20 / medium <i>(lamp not included)</i>
	50MR16	Halogen 50W / MR16 / GU5.3 <i>(lamp not included)</i>
4	VOLTS 120 or 277	Compact Fluorescent <i>(specify)</i>
	120	Incandescent
	120/12 or 277/12	Halogen <i>(specify)</i> 12V transformer required <i>(not included)</i>
5	FINISH <i>Painted</i>	
	BK	black
	BZ	bronze
	CS	city silver
	VE	verde
	WT	white
6	OPTIONS IT LAB	integral 12V transformer for MR16 source anchor bolts & template shipped in advance <i>(for anchor bolts &amp; template shipped in advance select LAB option and order anchor bolts/template kit separately from below)</i>
	7581-01	anchor bolts/template kit

NOTE: See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

# SEDONA 1800-36



## SPECIFICATION

### DESCRIPTION

Sedona is a bollard unlike any other. It utilizes a decorative, edge lit glass block lens. This unique and patented concept provides a functional, low-glare source of light in an attractive, sculptural form. Standard lamp sources include metal halide, compact fluorescent, incandescent or low voltage MR16 halogen. Our patented LumaLevel™ leveling system provides quick installation, easy adjustment, secure mounting and protection from vibration.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum extrusion. Mounting base is cast from silicone aluminum alloy.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

MH39PAR20: Includes integral core & coil ballast (120/208/240/277/347). CF42: Includes integral electronic ballast (120/277V). Universal GX24q socket accepts 26W, 32W and 42W 4-pin lamps. 50PAR20: Operates with line voltage (120V). 50MR16: 12V step-down transformer required (not included). Specify option -IT for integral transformer. See *Accessories & Technical Data* section for remote transformers.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

### SAMPLE NUMBER

1 | 1800 2 | 36 3 | CF42 4 | 120 5 | CS 6 | LAB

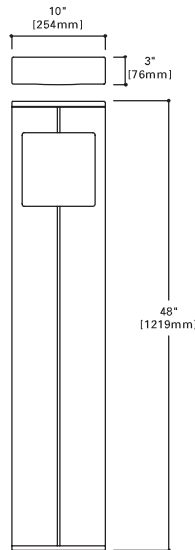
1   MODEL	1800	Sedona bollard with glass block lens
2   SIZE	36	36" high
3   SOURCE	MH39PAR20	Metal Halide 39W / PAR20 / medium (lamp not included)
	CF42	Compact Fluorescent 42W / triple tube / universal GX24q (lamp not included)
	50PAR20	Incandescent 50W / PAR20 / medium (lamp not included)
	50MR16	Halogen 50W / MR16 / GU5.3 (lamp not included)
4   VOLTS	120, 208, 240, 277 or 347	Metal Halide (specify)
	120 or 277	Compact Fluorescent (specify)
	120	Incandescent
	120/12 or 277/12	Halogen (specify) 12V transformer required (not included)
5   FINISH	Painted	
	BK	black
	BZ	bronze
	CS	city silver
	VE	verde
WT	white	
6   OPTIONS	EL	electronic HID ballast (120/277V) in lieu of core & coil
	IT	integral 12V transformer for MR16 source
	LAB	anchor bolts & template shipped in advance (for anchor bolts & template shipped in advance select LAB option and order anchor bolts/template kit separately from below)
	7581-01	anchor bolts/template kit

NOTE: See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.



# SEDONA 1800-48

Bollards



## SPECIFICATION

SAMPLE NUMBER

1 | 1800 2 | 48 3 | CF42 4 | 120 5 | CS 6 | LAB

### DESCRIPTION

Sedona is a bollard unlike any other. It utilizes a decorative, edge lit glass block lens. This unique and patented concept provides a functional, low-glare source of light in an attractive, sculptural form. Standard lamp sources include metal halide, compact fluorescent, or low voltage MR16 halogen. Our patented LumaLevel™ leveling system provides quick installation, easy adjustment, secure mounting and protection from vibration.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum extrusion. Mounting base is cast from silicone aluminum alloy.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

MH39T6: Includes integral core & coil ballast (120/208/240/277/347). CF42: Includes integral electronic ballast (120/277V). Universal GX24q socket accepts 26W, 32W and 42W 4-pin lamps. 20MR16: 12V step-down transformer required (not included). Specify option -IT for integral transformer. See *Accessories & Technical Data* section for remote transformers.

### LABELS & APPROVALS

UL & cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

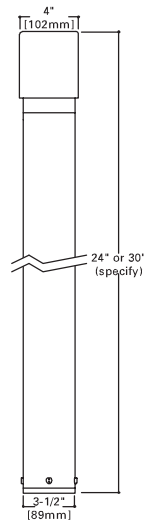
**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

1	MODEL 1800	Sedona bollard with glass block lens
2	SIZE 48	48" high
3	SOURCE MH39T6	Metal Halide 39W / T6 / G12 <i>(lamp not included)</i>
	CF42	Compact Fluorescent 42W / triple tube / universal GX24q <i>(lamp not included)</i>
	20MR16	Halogen (2) 20W / MR16 / GU5.3 <i>(lamp not included)</i>
4	VOLTS 120, 208, 240, 277 or 347	Metal Halide <i>(specify)</i>
	120 or 277	Compact Fluorescent <i>(specify)</i>
	120/12 or 277/12	Halogen <i>(specify)</i> 12V transformer required <i>(not included)</i>
5	FINISH <i>Painted</i> BK BZ CS VE WT	black bronze city silver verde white
6	OPTIONS EL  IT LAB	electronic HID ballast (120/277V) in lieu of core & coil  integral 12V transformer for MR16 source anchor bolts & template shipped in advance <i>(for anchor bolts &amp; template shipped in advance select LAB option and order anchor bolts/template kit separately from below)</i>
	7366-01PK	anchor bolts/template kit



# ASPEN 1900-AA

Bollards



## SPECIFICATION

### DESCRIPTION

The Aspen 1900-AA (adjustable aperture) features a sleek, contemporary aesthetic and unique, field adjustable optics. The housing top rotates up or down over the lens until the desired light output and beam spread is achieved. The top then locks securely in place with a tamper-resistant, stainless steel fastener. Our patented LumaLevel™ leveling system provides quick installation, easy adjustment, secure mounting and protection from vibration. Aspen bollards are available in two standard sizes.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum extrusion. Mounting base is cast from silicone aluminum alloy.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

MH39PAR20: Includes integral core & coil ballast (120/208/240/277/347). 50MR16: 12V step-down transformer required (not included). Specify option -IT for integral transformer. See *Accessories & Technical Data* section for remote transformers.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

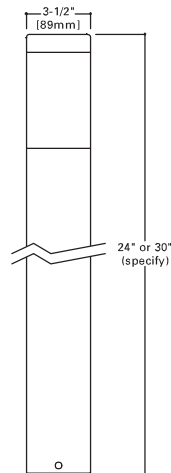
### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

1 | 1900-AA<sup>2</sup> | 30<sup>3</sup> | MH39PAR20<sup>4</sup> | 277<sup>5</sup> | BZ<sup>6</sup> | EL

1	MODEL 1900-AA	Aspen bollard with adjustable aperture
2	SIZE 24 30	24" high 30" high
3	SOURCE MH39PAR20 <hr/> 50MR16	Metal Halide 39W / PAR20 / medium (lamp not included) <i>(MH39PAR20 available for 30" model only)</i> Halogen 50W / MR16 / GU5.3 (lamp not included)
4	VOLTS 120, 208, 240, 277 or 347 <hr/> 120/12 or 277/12	Metal Halide <i>(specify)</i> <hr/> Halogen <i>(specify)</i>
5	FINISH <i>Painted</i> BK BZ CS VE WT	black bronze city silver verde white
6	OPTIONS EL  IT LAB  <hr/> 7048PK	electronic HID ballast (120V only) in lieu of core & coil  integral 12V transformer for MR16 source anchor bolts & template shipped in advance <i>(for anchor bolts &amp; template shipped in advance select LAB option and order anchor bolts/template kit separately from below)</i>  anchor bolts/template kit



## SPECIFICATION

SAMPLE NUMBER

1 | 1900-IL 2 | 24 3 | CF42 4 | 120 5 | BK 6 | LAB

### DESCRIPTION

The Aspen 1900-IL (internal louver) features a sleek, contemporary aesthetic and an energy efficient, low glare fluorescent source. The fixture includes an integral, universal voltage ballast (120/277V). Our patented LumaLevel™ leveling system provides quick installation, easy adjustment, secure mounting and protection from vibration. Aspen bollards are available in two standard sizes.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum extrusion. Mounting base is cast from silicone aluminum alloy.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Includes integral electronic ballast (120/277V). Universal GX24q socket accepts 26W, 32W and 42W 4-pin lamps.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See Accessories & Technical Data section for additional optical, electrical and mounting accessories.

### 1 | MODEL

1900-IL Aspen bollard with internal louver

### 2 | SIZE

24 24" high  
30 30" high

### 3 | SOURCE

CF42 Compact Fluorescent  
42W / triple tube / universal GX24q  
(lamp not included)

### 4 | VOLTS

120 or 277 (specify)

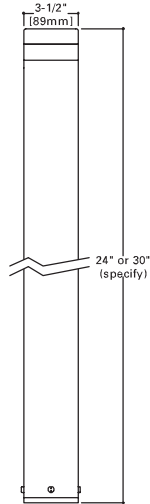
### 5 | FINISH

Painted  
BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

### 6 | OPTIONS

LAB anchor bolts & template shipped in advance (for anchor bolts & template shipped in advance select LAB option and order anchor bolts/template kit separately from below.

7048PK anchor bolts/template kit



## S P E C I F I C A T I O N

1 | 1900-OA<sup>2</sup> | 30<sup>3</sup> | 50MR16<sup>4</sup> | 277/12<sup>5</sup> | CS<sup>6</sup> | IT

### DESCRIPTION

The Aspen 1900-OA (opened aperture) features a sleek, contemporary aesthetic and low glare fixed optics. The metal halide lamp source includes an integral core & coil ballast (electronic ballast optional). Halogen lamp sources are available with choice of integral or remote 12V transformer. Our patented LumaLevel™ leveling system provides quick installation, easy adjustment, secure mounting and protection from vibration. Available in two standard heights.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum extrusion. Mounting base is cast from silicone aluminum alloy.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

MH39PAR20: Includes integral core & coil ballast (120/208/240/277/347). 50MR16: 12V step-down transformer required (not included). Specify option -IT for integral transformer. See *Accessories & Technical Data* section for remote transformers.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

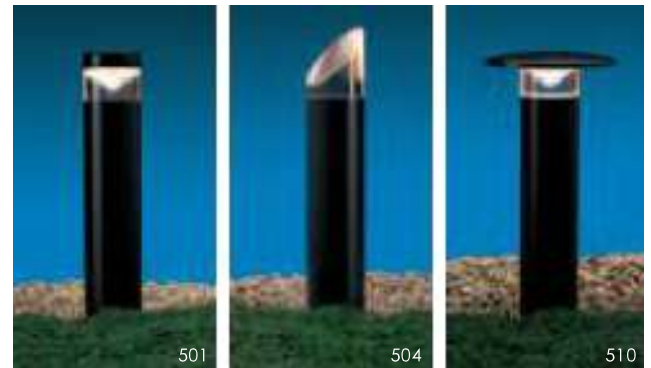
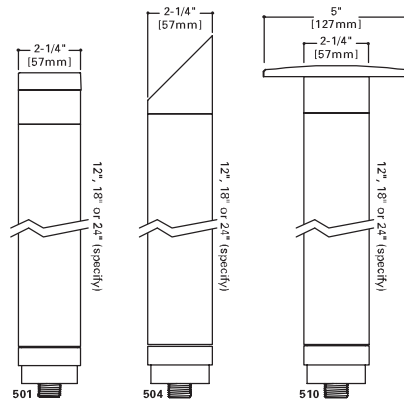
### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

1	MODEL 1900-OA	Aspen bollard with open aperture
2	SIZE 24 30	24" high 30" high
3	SOURCE MH39PAR20 <hr/> 50MR16	Metal Halide 39W / PAR20 / medium (lamp not included) <i>(MH39PAR20 available for 30" model only)</i> Halogen 50W / MR16 / GU5.3 (lamp not included)
4	VOLTS 120, 208, 240, 277 or 347 <hr/> 120/12 or 277/12	Metal Halide <i>(specify)</i> Halogen <i>(specify)</i>
5	FINISH <i>Painted</i> BK BZ CS VE WT	black bronze city silver verde white
6	OPTIONS EL  IT LAB	electronic HID ballast (120V only) in lieu of core & coil integral 12V transformer for MR16 source anchor bolts & template shipped in advance (for anchor bolts & template shipped in advance select LAB option and order anchor bolts/template kit separately from below) <hr/> 7048PK anchor bolts/template kit





SAMPLE NUMBER

1 | 501    2 | 18    3 | 20MR16    4 | 12    5 | BK

## S P E C I F I C A T I O N

### DESCRIPTION

Tahoe mini-bollards are petite, yet rugged low voltage beacons in three distinct styles. They utilize a 20-watt MR16 lamp (included) and are ideal for a variety of commercial and residential applications. Available in three heights, each model includes a cast zinc ground spike for fast, easy installation. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum extrusion.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

### 1 | MODEL

501 Tahoe bollard with 6-3/4" mounting spike  
 504 Tahoe bollard with 6-3/4" mounting spike  
 510 Tahoe bollard with 6-3/4" mounting spike

### 2 | SIZE

12 12" high  
 18 18" high  
 24 24" high

### 3 | SOURCE

20MR16 Halogen 20W / MR16 / GU5.3 (lamp included)

### 4 | VOLTS

12 12V remote transformer required (not included)

### 5 | FINISH

Painted  
 BK black  
 BZ bronze  
 CS city silver  
 VE verde  
 WT white

STEP







Zuma series step lights are available in a variety of styles, materials and lamp sources to satisfy any requirement. Step lighting applications are limited only by the imagination.

# ZUMA

## DESCRIPTION

A rugged and versatile series of ADA-compliant step lights for use with low voltage or compact fluorescent lamp sources. Rectangular 'brick light' styles include choice of louvered or open faceplates. All models are suitable for mounting in non-combustible

surfaces such as brick, concrete or stone. Models that include the IC option (insulation contact) are suitable for interior IC or non-IC installations. UL / cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard.



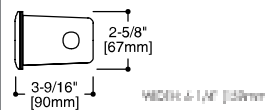
LOUVERED FACE PLATE



OPEN FACE PLATE

### 1 | MODEL

1201-LA louvered / aluminum  
1201-OA open / aluminum



NOTES ■ recess mounted housing (die-cast aluminum) ■ die-cast aluminum face plate ■ diffused, tempered glass lens ■ stainless steel hardware  
■ lamp included ■ 12V remote transformer required (not included) ■ chrome undercoating, powdercoat paint finish

### 2 | SOURCE

*Halogen*

35T4 35W / T4 / GY6.35 12

### 3 | VOLTS

12

### 4 | FINISH

*Painted*

BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

### 5 | OPTIONS

CL diode connection for extended lamp life  
MB mounting brackets for metal or concrete  
LBB housing shipped in advance (for recessed housing shipped in advance select LBB option and order housing separately from below)

1201-BB recessed housing  
1201-MB-BB recessed housing w/MB



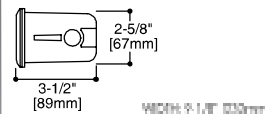
LOUVERED FACE PLATE



OPEN FACE PLATE

### 1 | MODEL

1211-LA louvered / aluminum  
1211-OA open / aluminum  
1211-LP louvered / polycarbonate  
1211-OP open / polycarbonate



NOTES ■ recess mounted housing (injection-molded polycarbonate) ■ die-cast aluminum or injection-molded polycarbonate face plate ■ CF13 lamp source includes diffused, tempered glass lens, CPP source includes polycarbonate lens ■ stainless steel hardware ■ lamp included ■ includes integral 120V ballast  
■ chrome undercoating, powdercoat paint finish ■ polycarbonate face plates available in black or white only

### 2 | SOURCE

*Compact Fluorescent*

CF9 9W / twin tube / G23  
CF13 13W / twin tube / GX23

### 3 | VOLTS

120  
277

### 4 | FINISH

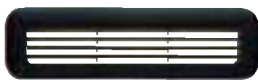
*Printed*

BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

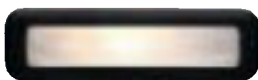
### 5 | OPTIONS

WC branch through wiring compartment (required for 277V CF13 source)  
LBB housing shipped in advance (for recessed housing shipped in advance select LBB option and order housing separately from below)

1211-BK-BB recessed housing, black  
1211-BK-WC-BB recessed housing, black w/WC  
1211-WT-BB recessed housing, white  
1211-WT-WC-BB recessed housing, white w/WC



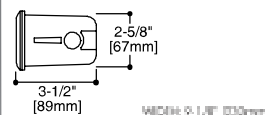
LOUVERED FACE PLATE



OPEN FACE PLATE

### 1 | MODEL

1212-LA louvered / aluminum  
1212-OA open / aluminum  
1212-LP louvered / polycarbonate  
1212-OP open / polycarbonate



NOTES ■ recess mounted housing (injection-molded polycarbonate) ■ die-cast aluminum or injection-molded polycarbonate face plate ■ tempered glass lens ■ stainless steel hardware ■ lamp included ■ INC18 lamp source requires remote 12V transformer (not included) ■ chrome undercoating, powdercoat paint finish  
■ polycarbonate face plates available in black or white only

### 2 | SOURCE

*Incandescent*

INC18 18W / S8 / D.C. bayonet

### 3 | VOLTS

12

### 4 | FINISH

*Painted*

BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

### 5 | OPTIONS

WC branch through wiring compartment (required for 277V CF13 source)  
LBB housing shipped in advance (for recessed housing shipped in advance select LBB option and order housing separately from below)

1212-BK-BB recessed housing, black  
1212-BK-WC-BB recessed housing, black w/WC  
1212-WT-BB recessed housing, white  
1212-WT-WC-BB recessed housing, white w/WC



# SPECIFICATION

SAMPLE NUMBER

1 | 1211-LA    2 | CF13    3 | 120    4 | BZ    5 | WC

1 | MODEL

1208 surface mount  
360° rotatable face

2 | SOURCE

Incandescent  
INC13 13W / T5 / wedge 12

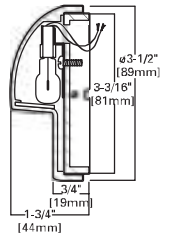
3 | VOLTS

12

4 | FINISH

Painted  
BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

NOTES ■ surface mounted housing (machined aluminum base, cast aluminum face/housing) ■ stainless steel hardware ■ face rotates 360 degrees  
■ diffused, tempered glass lens ■ lamp included ■ 12V remote transformer required (not included) ■ chromate undercoating, powdercoat paint finish



1 | MODEL

1204 mini 3-1/2" diameter

2 | SOURCE

Incandescent  
INC18 18W / S8 / D.C. bayonet 12

3 | VOLTS

12

4 | FINISH

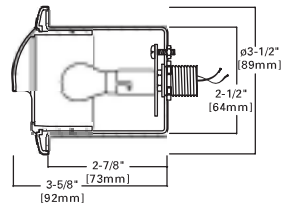
Painted  
BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

5 | OPTIONS

LBB housing shipped in advance  
(for recessed housing shipped  
in advance select LBB option  
and order housing separately  
from below)

1204-BB recessed housing

NOTES ■ recess mounted housing (cast aluminum) ■ cast aluminum face ■ stainless steel hardware ■ diffused, tempered glass lens ■ lamp included ■ 12V remote transformer required (not included) ■ chromate undercoating, powdercoat paint finish



1 | MODEL

1206 recess mount  
360° rotatable face

2 | SOURCE

Halogen  
50MR16 50W / MR16 / GU5.3 12

3 | VOLTS

12

4 | FINISH

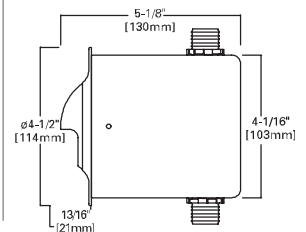
Painted  
BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

5 | OPTIONS

LBB housing shipped in advance  
(for recessed housing shipped  
in advance select LBB option  
and order housing separately  
from below)

1206-BB recessed housing

NOTES ■ recess mounted housing (machined aluminum) ■ face (die cast aluminum) rotates 360 degrees ■ stainless steel hardware ■ diffused, tempered glass lens ■ lamp not included ■ 12V remote transformer required (not included) ■ chromate undercoating, powdercoat paint finish



# INGROUND



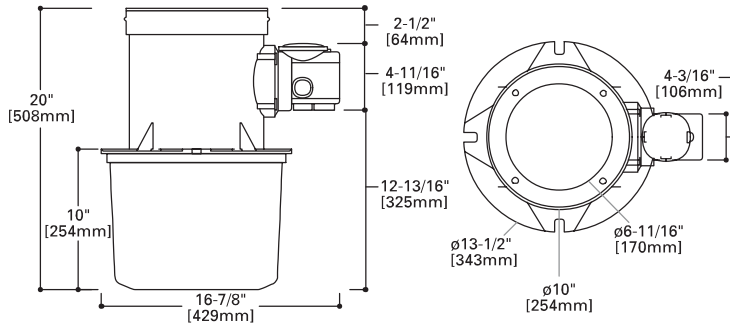


Lumière inground fixtures provide unparalleled selection, performance and longevity. From our tiny 3" diameter MR16 uplight to our powerful, adjustable-beam metal halide floodlights, Lumière provides you with a full range of inground lighting solutions that work.



# MONACO 6000A

Inground



## SPECIFICATION

### DESCRIPTION

Monaco 6000A is a small-scale, adjustable HID inground illuminator for use with T4.5, T6 or ED17 metal halide lamps. It includes the Venterra™ heat & water management system, insuring lower lens temperatures and years of uninterrupted performance. An optional temperature reduction lens reduces lens temperatures even further (specify option TRL). Lumiere's exclusive Beam-Driver™ aiming system provides up to 15° tilt and 360° rotation of the lamp beam. This allows precision aiming without disturbing the sealed lamp module or looking into the energized lamp source. Beam-Driver™ operates using a cordless drill or screwdriver. The adjustment mechanisms are concealed securely beneath the trim ring when not in use. Fixture includes lamp, factory-installed in a waterproof lamp module. Corrosion-proof housing design is suitable for drive-over applications to 5000 lbs. when equipped with drive-over structural bracket kit (specify option DSB). See page 106 for accessories that include lenses, louvers, filters, glare shields and rock guards (order separately).

### MATERIAL

Housing and side-mounted wiring compartment are constructed from corrosion-proof black polycarbonate. Hardware and internal components are stainless steel. Lens is minimum 1/2" thick clear tempered glass.

### FINISH

Painted

Painted trim rings are machined from solid brass, then double protected by a chromate conversion undercoating and polyester powdercoat paint finish. A variety of standard colors are available.

Natural Brass or Stainless Steel

Machined, natural finish brass or stainless steel trim rings are unpainted to reveal the natural beauty of the material. Brass will patina naturally over time.

### ELECTRICAL

Fixture includes integral core & coil ballast assembly (120/208/240/277/347V). Rated for minimum -30° C starting temperature. Ballast assembly is encapsulated in UL-approved waterproof potting material.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. IP68 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxiliary equipment such as transformer, ballasts and lamps carry the original manufacturers warranty.

### SAMPLE NUMBER

1 | 6000A | 2 | MH150 | 3 | 277 | 4 | WFL | 5 | NBR | 6 | CP

### 1 | MODEL

6000A

w/ Beam-Driver™ aiming system  
(15° tilt & 360° rotation)

### 2 | SOURCE

Metal Halide

MH39T4 39W / T4.5 / G8.5 (lamp included)  
 MH70T4 70W / T4.5 / G8.5 (lamp included)  
 MH39T6 39W / T6 / G12 (lamp included)  
 MH70T6 70W / T6 / G12 (lamp included)  
 MH150T6 150W / T6 / G12 (lamp included)  
 MH50 50W / ED17 / medium (lamp included)  
 MH70 70W / ED17 / medium (lamp included)  
 MH100 100W / ED17 / medium (lamp included)  
 MH150 150W / ED17 / medium (lamp included)  
 MH175 175W / ED17 / medium (lamp included)

### 3 | VOLTS

120, 208, 240, 277, 347 (specify)

### 4 | DISTRIBUTION

SP spot  
 NFL narrow flood  
 MFL medium flood  
 WFL wide flood

### 5 | FINISH

Painted

BK black  
 BZ bronze  
 CS city silver  
 VE verde  
 WT white

Natural Metal

NBR brass  
 NSS stainless steel

### 6 | OPTIONS

CP concrete pour cover  
 DSB 5000# drive-over structural bracket kit  
 NSL non-slip lens  
 TRL temperature reduction lens  
 LBB recessed housing shipped in advance  
 (for recessed housing shipped in advance select LBB option  
 and order housing separately from below)

6000A-BB recessed housing

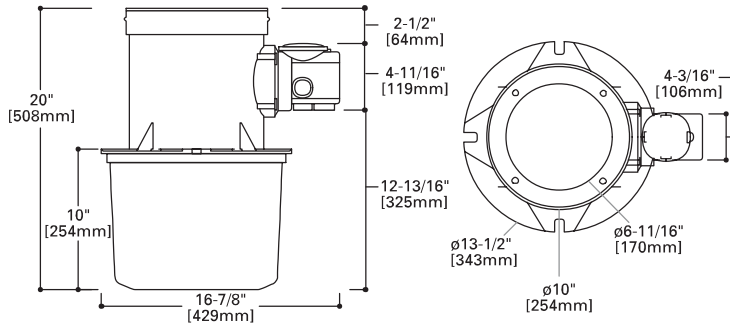
NOTE: See Accessories & Technical Data  
for accessories.





# MONACO 6002A

Inground



## SPECIFICATION

### DESCRIPTION

Monaco 6002A is a small-scale, adjustable HID inground illuminator for use with metal halide PAR lamps. It includes the Venterra™ heat & water management system, insuring lower lens temperatures and years of uninterrupted performance. An optional temperature reduction lens reduces lens temperatures even further (specify option TRL). Lumiere's exclusive Beam-Driver™ aiming system provides up to 15° tilt and 360° rotation of the lamp beam. This allows precision aiming without disturbing the sealed lamp module or looking into the energized lamp source. Beam-Driver™ operates using a cordless drill or screwdriver. The adjustment mechanisms are concealed securely beneath the trim ring when not in use. Fixture includes lamp, factory-installed in a waterproof lamp module. Corrosion-proof housing design is suitable for drive-over applications to 5000 lbs. when equipped with drive-over structural bracket kit (specify option DSB). See page 106 for accessories that include lenses, louvers, filters, glare shields and rock guards (order separately).

### MATERIAL

Housing and side-mounted wiring compartment are constructed from corrosion-proof black polycarbonate. Hardware and internal components are stainless steel. Lens is minimum 1/2" thick clear tempered glass.

### FINISH

Painted

Painted trim rings are machined from solid brass, then double protected by a chromate conversion undercoating and polyester powdercoat paint finish. A variety of standard colors are available.

### Natural Brass or Stainless Steel

Machined, natural finish brass or stainless steel trim rings are unpainted to reveal the natural beauty of the material. Brass will patina naturally over time.

### ELECTRICAL

Fixture includes integral core & coil ballast assembly (120/208/240/277/347V). Rated for minimum -30° C starting temperature. Ballast assembly is encapsulated in UL-approved waterproof potting material.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. IP68 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxiliary equipment such as transformer, ballasts and lamps carry the original manufacturers warranty.

### SAMPLE NUMBER

1 | 6002A | 2 | MH39PAR20 | 3 | FL | 4 | 120 | 5 | NSS | 6 | NSL

1 | MODEL  
6002A

w/ Beam-Driver™ aiming system  
(15° tilt & 360° rotation)

2 | SOURCE

MH39PAR20	39W / PAR20 / medium (lamp included)
MH39PAR30L	39W / PAR30L / medium (lamp included)
MH70PAR30L	70W / PAR30L / medium (lamp included)
MH70PAR38	70W / PAR38 / medium (lamp included)
MH100PAR38	100W / PAR38 / medium (lamp included)
MH175PAR38	175W / PAR38 / medium (lamp included)

3 | LAMP DISTRIBUTION

SP	spot
FL	flood
WFL	wide flood (available for PAR38 only)

4 | VOLTS

120, 208, 240, 277, 347 (specify)

5 | FINISH

Painted

BK	black
BZ	bronze
CS	city silver
VE	verde
WT	white

Natural Metal

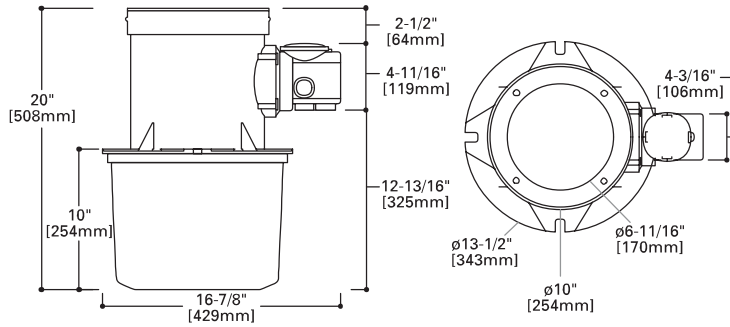
NBR	brass
NSS	stainless steel

6 | OPTIONS

CP	concrete pour cover
DSB	5000# drive-over structural bracket kit
NSL	non-slip lens
TRL	temperature reduction lens
LBB	recessed housing shipped in advance (for recessed housing shipped in advance select LBB option and order housing separately from below)

60004-BB recessed housing

# MONACO 6000N



## SPECIFICATION

### DESCRIPTION

Monaco 6000N is a small-scale HID inground uplight for use with T4.5, T6 or ED17 metal halide lamps. It includes the Ventera™ heat & water management system, insuring lower lens temperatures and years of uninterrupted performance. An optional temperature reduction lens reduces lens temperatures even further (specify option TRL). Fixture includes lamp, factory-installed in a waterproof lamp module. Corrosion-proof housing design is suitable for drive-over applications to 5000 lbs. when equipped with drive-over structural bracket kit (specify option DSB). See page 106 for accessories that include lenses, louvers, filters, glare shields and rock guards (order separately).

### MATERIAL

Housing and side-mounted wiring compartment are constructed from corrosion-proof black polycarbonate. Hardware and internal components are stainless steel. Lens is minimum 1/2" thick clear tempered glass.

### FINISH

Painted

Painted trim rings are machined from solid brass, then double protected by a chromate conversion undercoating and polyester powdercoat paint finish. A variety of standard colors are available.

Natural Brass or Stainless Steel

Machined, natural finish brass or stainless steel trim rings are unpainted to reveal the natural beauty of the material. Brass will patina naturally over time.

### ELECTRICAL

Fixture includes integral core & coil ballast assembly (120/208/240/277/347V). Rated for minimum -30° C starting temperature. Ballast assembly is encapsulated in UL-approved waterproof potting material.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. IP68 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxiliary equipment such as transformer, ballasts and lamps carry the original manufacturers warranty.

NOTE: See Accessories & Technical Data for accessories.

### SAMPLE NUMBER

1 | 6000N<sup>2</sup> | MH150T6<sup>3</sup> | 277<sup>4</sup> | SP<sup>5</sup> | NSS<sup>6</sup> | DSB

1 | MODEL  
6000N non-adjustable uplight

2 | SOURCE  
Metal Halide  
MH39T4 39W / T4.5 / G8.5 (lamp included)  
MH70T4 70W / T4.5 / G8.5 (lamp included)  
MH39T6 39W / T6 / G12 (lamp included)  
MH70T6 70W / T6 / G12 (lamp included)  
MH150T6 150W / T6 / G12 (lamp included)  
MH50 50W / ED17 / medium (lamp included)  
MH70 70W / ED17 / medium (lamp included)  
MH100 100W / ED17 / medium (lamp included)  
MH150 150W / ED17 / medium (lamp included)  
MH175 175W / ED17 / medium (lamp included)

3 | VOLTS  
120, 208, 240, 277, 347 (specify)

4 | DISTRIBUTION  
SP spot  
NFL narrow flood  
MFL medium flood  
WFL wide flood

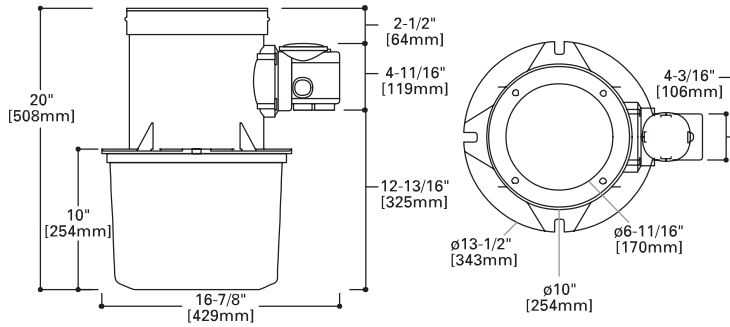
5 | FINISH  
Painted  
BK black  
BZ bronze  
CS city silver  
VE verde  
WT white  
Natural Metal  
NBR brass  
NSS stainless steel

6 | OPTIONS  
CP concrete pour cover  
DSB 5000# drive-over structural bracket kit  
NSL non-slip lens  
TRL temperature reduction lens  
LBB housing shipped in advance  
(for recessed housing shipped in advance select LBB option and order housing separately from below)

6000N-BB recessed housing

# MONACO 6002N

Inground



## SPECIFICATION

### DESCRIPTION

Monaco 6002N is a small-scale HID inground uplight for use with metal halide PAR lamps. It includes the Venterra™ heat & water management system, insuring lower lens temperatures and years of uninterrupted performance. An optional temperature reduction lens reduces lens temperatures even further (specify option TRL). Corrosion-proof housing design is suitable for drive-over applications to 5000 lbs. when equipped with drive-over structural bracket kit (specify option DSB). See page 106 for accessories that include lenses, louvers, filters, glare shields and rock guards (order separately).

### MATERIAL

Housing and side-mounted wiring compartment are constructed from corrosion-proof black polycarbonate. Hardware and internal components are stainless steel. Lens is minimum 1/2" thick clear tempered glass.

### FINISH

Painted

Painted trim rings are machined from solid brass, then double protected by a chromate conversion undercoating and polyester powdercoat paint finish. A variety of standard colors are available.

### Natural Brass or Stainless Steel

Machined, natural finish brass or stainless steel trim rings are unpainted to reveal the natural beauty of the material. Brass will patina naturally over time.

### ELECTRICAL

Fixture includes integral core & coil ballast assembly (120/208/240/277/347V). Rated for minimum -30° C starting temperature. Ballast assembly is encapsulated in UL-approved waterproof potting material.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. IP68 rated. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxiliary equipment such as transformer, ballasts and lamps carry the original manufacturers warranty.

NOTE: See Accessories & Technical Data for accessories.

### SAMPLE NUMBER

1 | 6002N<sup>2</sup> | MH70PAR38<sup>3</sup> | SP<sup>4</sup> | 120<sup>5</sup> | NBR<sup>6</sup> | NSL

1 | MODEL  
6002N

non-adjustable uplight

2 | SOURCE

MH39PAR20	39W / PAR20 / medium (lamp included)
MH39PAR30L	39W / PAR30L / medium (lamp included)
MH70PAR30L	70W / PAR30L / medium (lamp included)
MH70PAR38	70W / PAR38 / medium (lamp included)
MH100PAR38	100W / PAR38 / medium (lamp included)
MH175PAR38	175W / PAR38 / medium (lamp included)

3 | LAMP DISTRIBUTION

SP	spot
FL	flood
WFL	wide flood (available for PAR38 only)

4 | VOLTS

120, 208, 240, 277, 347 (specify)

5 | FINISH

Painted

BK	black
BZ	bronze
CS	city silver
VE	verde
WT	white

Natural Metal

NBR	brass
NSS	stainless steel

6 | OPTIONS

CP	concrete pour cover
DSB	5000# drive-over structural bracket kit
NSL	non-slip lens
TRL	temperature reduction lens
LBB	recessed housing shipped in advance

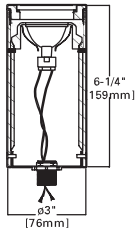
(for recessed housing shipped in advance select LBB option and order housing separately from below)

6002N-BB recessed housing

# BOCA

## DESCRIPTION

Tiny, precision inground fixtures for uplighting, grazing, wall washing or general illumination in constricted areas. Most models are suitable for drive-over applications and feature adjustable beam, stainless steel housings and solid brass, bronze or machined aluminum trim. UL / cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard.



### 1 | MODEL

630 3" diameter  
non-adjustable uplight

### 2 | SOURCE

*Halogen*  
50MR16 50W / MR16 / GU5.3

### 3 | VOLTS

12

### 4 | FINISH

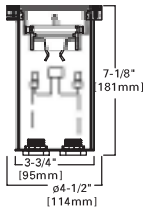
*Painted*  
BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

### 5 | OPTIONS

LBB housing shipped in advance  
(for recessed housing shipped  
in advance select LBB option  
and order housing separately  
from below)

630-BK-BB recessed housing

NOTES ■ suitable for recessed mounting in non-combustible materials only ■ extruded aluminum recessed housing ■ machined 6061-T6 aluminum trim ring  
■ 1/4" thick tempered glass lens ■ stainless steel hardware ■ suitable for drive-over applications ■ lamp not included ■ 12V remote transformer required (not included) ■ chromate undercoating, powdercoat paint finish



### 1 | MODEL

613 4-1/2" diameter  
22° tilt, 360° rotation

### 2 | SOURCE

*Halogen*  
35MR16 35W / MR16 / GU5.3  
50MR16 50W / MR16 / GU5.3

### 3 | VOLTS

12

### 4 | FINISH

*Painted*  
BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

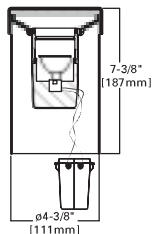
### 5 | OPTIONS

T thermally rated for use in non-IC wood flooring (35W max.; changes UL/cUL wet label to damp label)  
LBB housing shipped in advance

613-xx-BB\* recessed housing  
613-xx-T-BB\* recessed housing  
w/ T option

\* Replace xx with desired finish: BK, BZ, CS, VE, WT, NBR or NBZ

NOTES ■ Suitable for recessed mounting in indoor or outdoor wood flooring (non-IC) when provided with option T, and down-wattled to 35W (max.), and connected with 150° C (min.) supply wire ■ stainless steel recessed housing ■ machined 6061-T6 aluminum, brass or bronze trim ring ■ 1/4" thick tempered glass lens ■ stainless steel hardware ■ suitable for drive-over applications ■ lamp not included ■ 12V remote transformer required (not included) ■ chromate undercoating, powdercoat paint finish (painted finish) ■ natural brass or bronze (metal finish)



### 1 | MODEL

605 4-1/2" diameter  
35° tilt, 360° rotation

### 2 | SOURCE

*Halogen*  
50MR16 50W / MR16 / GU5.3

### 3 | VOLTS

12

### 4 | FINISH

*Painted*  
BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

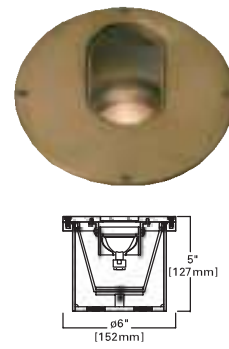
NOTES ■ stainless steel recessed housing ■ includes direct burial wiring box (model DBY) ■ machined 6061-T6 aluminum trim ring ■ 1/4" thick tempered glass lens ■ stainless steel hardware ■ not suitable for drive-over applications ■ for outdoor direct burial only ■ lamp not included ■ 12V remote transformer required (not included) ■ chromate undercoating, powdercoat paint finish

# SPECIFICATION

SAMPLE NUMBER

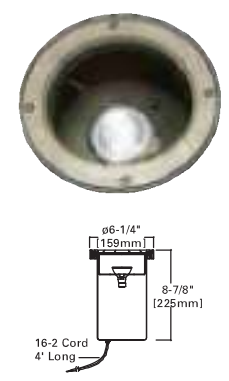
1 | 630    2 | 50MR16    3 | 12    4 | BZ    5 | LBB

<p>1   MODEL</p> <p>615 4" diameter 35° tilt, 360° rotation</p>	<p>2   SOURCE</p> <p><i>Halogen</i></p> <p>50MR16 50W / MR16 / GU5.3</p>	<p>3   VOLTS</p> <p>12</p>	<p>4   FINISH</p> <p><i>Painted</i></p> <p>BK black BZ bronze CS city silver VE verde WT white</p> <p><i>Natural Metal</i> NBR brass</p>
<p>5   OPTIONS</p> <p>LBB housing shipped in advance (for recessed housing shipped in advance select LBB option and order housing separately from below)</p> <p>615-xx-BB* recessed housing *Replace xx with desired finish: BK, BZ, CS, VE, WT or NBR</p>			



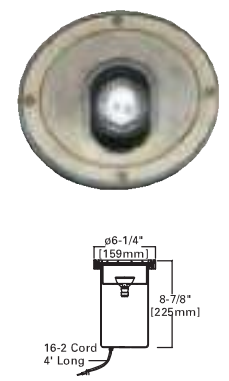
NOTES ■ suitable for recessed mounting in non-combustible materials only ■ stainless steel recessed housing ■ machined 6061-T6 aluminum or brass slotted aperture ■ 1/4" thick tempered glass lens ■ stainless steel hardware ■ suitable for drive-over applications ■ lamp not included ■ 12V remote transformer required (not included) ■ chromate-undercoating, powdercoat paint finish (painted finish) ■ natural brass (metal finish)

<p>1   MODEL</p> <p>632 6-1/4" diameter 22° tilt, 360° rotation</p>	<p>2   SOURCE</p> <p><i>Halogen</i></p> <p>75MR16 75W / MR16 / GU5.3</p>	<p>3   VOLTS</p> <p>12</p>	<p>4   FINISH</p> <p><i>Natural Metal</i> NBR brass</p>
<p>5   OPTIONS</p> <p>T thermally rated for use in non-IC wood flooring (changes UL/cUL wet label to damp label) TP temper-resistant hardware 2C two 1/2" conduit entries in lieu of standard 4 cond LBB housing shipped in advance (for recessed housing shipped in advance select LBB option and order housing separately from below)</p> <p>632-NBR-BB recessed housing 632-NBR-T-BB recessed housing w/T option 632-NBR-T-TP-BB recessed housing w/T &amp; TP option 632-NBR-TP-BB recessed housing w/TP option 632-NBR-2C-BB recessed housing w/2C option 632-NBR-2C-TP-BB recessed housing w/2C &amp; TP option</p>			

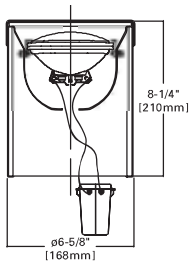


NOTES ■ suitable for recessed mounting in indoor or outdoor wood flooring (non-IC) when provided with option T ■ stainless steel recessed housing ■ die-cast brass trim ring & trim collar ■ 1/4" thick tempered glass lens ■ stainless steel hardware ■ suitable for drive-over applications ■ lamp not included ■ 12V remote transformer required (not included) ■ natural brass finish

<p>1   MODEL</p> <p>636 6-1/4" diameter 22° tilt, 360° rotation</p>	<p>2   SOURCE</p> <p><i>Halogen</i></p> <p>75MR16 75W / MR16 / GU5.3</p>	<p>3   VOLTS</p> <p>12</p>	<p>4   FINISH</p> <p><i>Natural Metal</i> NBR brass</p>
<p>5   OPTIONS</p> <p>T thermally rated for use in non-IC wood flooring (changes UL/cUL wet label to damp label) TP temper-resistant hardware 2C two 1/2" conduit entries in lieu of standard 4 cond LBB housing shipped in advance (for recessed housing shipped in advance select LBB option and order housing separately from below)</p> <p>636-NBR-BB recessed housing 636-NBR-T-BB recessed housing w/T option 636-NBR-T-TP-BB recessed housing w/T &amp; TP option 636-NBR-TP-BB recessed housing w/TP option 636-NBR-2C-BB recessed housing w/2C option 636-NBR-2C-TP-BB recessed housing w/2C &amp; TP option</p>			



NOTES ■ suitable for recessed mounting in indoor or outdoor wood flooring (non-IC) when provided with option T ■ stainless steel recessed housing ■ die-cast brass trim ring, trim collar & slotted aperture ■ 1/4" thick tempered glass lens ■ stainless steel hardware ■ suitable for drive-over applications ■ lamp not included ■ 12V remote transformer required (not included) ■ natural brass finish



## 1 | MODEL

602 6-5/8" diameter  
35° tilt, 360° rotation

## 2 | SOURCE

Halogen  
50PAR36 50W / PAR36 / M-P

## 3 | VOLTS

12

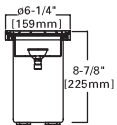
## 4 | FINISH

Painted  
BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

## 5 | OPTIONS

PGR6 cast aluminum protective grate (specify color)

NOTES ■ black ABS plastic recessed housing ■ includes direct build wiring box (model D8Y) ■ spun aluminum trim ring & interior lamp housing ■ 1/4" thick tempered glass lens ■ stainless steel hardware ■ not suitable for drive-over applications ■ for outdoor direct build only ■ lamp not included ■ 12V remote transformer required (not included) ■ chrome undercoating, powdercoat paint finish



## 1 | MODEL

633 6-1/4" diameter  
22° tilt, 360° rotation  
integral 12V transformer

## 2 | SOURCE

Halogen  
50MR16 50W / MR16 / GU5.3

## 3 | VOLTS

120/12  
277/12

## 4 | FINISH

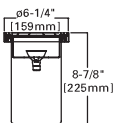
Natural Metal  
NBR brass

## 5 | OPTIONS

T thermally rated for use in non-IC wood flooring (changes UL/cUL wet label to damp label)  
TP tamper-resistant hardware  
LBB housing shipped in advance (for recessed housing shipped in advance select LBB option and order housing separately from below)

633-NBR-BB recessed housing  
633-NBR-T-BB recessed housing w/T option  
633-NBR-T-TP-BB recessed housing w/T & TP options  
633-NBR-TP-BB recessed housing w/TP option

NOTES ■ suitable for recessed mounting in indoor or outdoor wood flooring (non-IC) when provided with option T ■ stainless steel recessed housing ■ die-cast brass trim ring & trim collar ■ 1/4" thick tempered glass lens ■ stainless steel hardware ■ suitable for drive-over applications ■ lamp not included ■ includes integral 12V step-down transformer ■ natural brass finish



## 1 | MODEL

637 6-1/4" diameter  
22° tilt, 360° rotation  
integral 12V transformer

## 2 | SOURCE

Halogen  
50MR16 50W / MR16 / GU5.3

## 3 | VOLTS

120/12  
277/12

## 4 | FINISH

Natural Metal  
NBR brass

## 5 | OPTIONS

T thermally rated for use in non-IC wood flooring (changes UL/cUL wet label to damp label)  
TP tamper-resistant hardware  
LBB housing shipped in advance (for recessed housing shipped in advance select LBB option and order housing separately from below)

637-NBR-BB recessed housing  
637-NBR-T-BB recessed housing w/T option  
637-NBR-T-TP-BB recessed housing w/T & TP options  
637-NBR-TP-BB recessed housing w/TP option

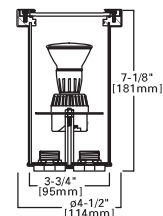
NOTES ■ suitable for recessed mounting in indoor or outdoor wood flooring (non-IC) when provided with option T ■ stainless steel recessed housing ■ die-cast brass trim ring, trim collar & slotted aperture ■ 1/4" thick tempered glass lens ■ stainless steel hardware ■ suitable for drive-over applications ■ lamp not included ■ includes integral 12V step-down transformer ■ natural brass finish

# SPECIFICATION

SAMPLE NUMBER

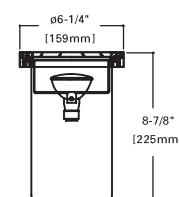
1 | 630      2 | 50MR16      3 | 12      4 | BZ      5 | LBB

<p>1   MODEL</p> <p>612 4-1/2" diameter non-adjustable uplight</p>	<p>2   SOURCE</p> <p><i>Halogen</i></p> <table border="0"> <tr> <td>35PAR20</td> <td>35W / PAR20 / medium</td> <td>120</td> </tr> <tr> <td>50PAR20</td> <td>50W / PAR20 / medium</td> <td></td> </tr> </table>	35PAR20	35W / PAR20 / medium	120	50PAR20	50W / PAR20 / medium		<p>3   VOLTS</p> <p>120</p>	<p>4   FINISH</p> <p><i>Painted</i></p> <p>BK black BZ bronze CS city silver VE verde WT white</p>
35PAR20	35W / PAR20 / medium	120							
50PAR20	50W / PAR20 / medium								
<p>5   OPTIONS</p> <p>T thermally rated for use in non-IC wood flooring (changes UL/cUL wet label to damp label)</p> <p>LBB housing shipped in advance (for recessed housing shipped in advance select LBB option and order housing separately from below)</p>			<p><i>Natural Metal</i></p> <p>NBR brass NBZ bronze</p>						
<p>612-xx-BB* recessed housing 637-xx-T-BB* recessed housing w/T option *Replace xx with desired finish: BK, BZ, CS, VE, WT, NBR or NBZ</p>									



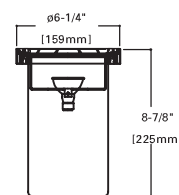
NOTES ■ suitable for recessed mounting in indoor or outdoor wood flooring (non-IC) when provided with option T, and down-wattled to 35W (max.), and connected with 150° C (min.) supply wire ■ stainless steel recessed housing ■ machined 6061-T6 aluminum, brass or bronze trim ring ■ 1/4" thick tempered glass lens ■ stainless steel hardware ■ suitable for drive-over applications ■ lamp not included ■ chromate undercoating, powdercoat paint finish (painted finish) ■ natural brass or bronze (metal finish)

<p>1   MODEL</p> <p>634 6-1/4" diameter non-adjustable uplight</p>	<p>2   SOURCE</p> <p><i>Halogen</i></p> <table border="0"> <tr> <td>50PAR20</td> <td>50W / PAR20 / medium</td> <td>120</td> </tr> </table>	50PAR20	50W / PAR20 / medium	120	<p>3   VOLTS</p> <p>120</p>	<p>4   FINISH</p> <p><i>Natural Metal</i></p> <p>NBR brass</p>
50PAR20	50W / PAR20 / medium	120				
<p>5   OPTIONS</p> <p>T thermally rated for use in non-IC wood flooring (changes UL/cUL wet label to damp label)</p> <p>TP tamper-resistant hardware</p> <p>LBB housing shipped in advance (for recessed housing shipped in advance select LBB option and order housing separately from below)</p>						
<p>634-NBR-BB recessed housing 634-NBR-T-BB recessed housing w/T option 634-NBR-T-TP-BB recessed housing w/T &amp; TP options 634-NBR-TP-BB recessed housing w/TP option</p>						



NOTES ■ suitable for recessed mounting in indoor or outdoor wood flooring (non-IC) when provided with option T; if lamped with 50W R or BR lamp, fixture must be connected with 105° C (min.) supply wire ■ stainless steel recessed housing ■ die-cast brass trim ring & trim collar ■ 1/4" thick tempered glass lens ■ stainless steel hardware ■ suitable for drive-over applications ■ lamp not included ■ natural brass finish

<p>1   MODEL</p> <p>635 6-1/4" diameter non-adjustable uplight</p>	<p>2   SOURCE</p> <p><i>Halogen</i></p> <table border="0"> <tr> <td>50PAR30</td> <td>50W / PAR30 / medium</td> <td>120</td> </tr> <tr> <td>75PAR30</td> <td>75W / PAR30 / medium</td> <td></td> </tr> </table>	50PAR30	50W / PAR30 / medium	120	75PAR30	75W / PAR30 / medium		<p>3   VOLTS</p> <p>120</p>	<p>4   FINISH</p> <p><i>Natural Metal</i></p> <p>NBR brass</p>
50PAR30	50W / PAR30 / medium	120							
75PAR30	75W / PAR30 / medium								
<p>5   OPTIONS</p> <p>T thermally rated for use in non-IC wood flooring (50W max.; changes UL/cUL wet label to damp label)</p> <p>TP tamper-resistant hardware</p> <p>LBB housing shipped in advance (for recessed housing shipped in advance select LBB option and order housing separately from below)</p>									
<p>635-NBR-BB recessed housing 635-NBR-T-BB recessed housing w/T option 635-NBR-T-TP-BB recessed housing w/T &amp; TP options 635-NBR-TP-BB recessed housing w/TP option</p>									



NOTES ■ suitable for recessed mounting in indoor or outdoor wood flooring (non-IC) when provided with option T and down-wattled to 50W (max.); if lamped with 50W R or BR lamp, fixture must be connected with 105° C (min.) supply wire ■ stainless steel recessed housing ■ die-cast brass trim ring & trim collar ■ 1/4" thick tempered glass lens ■ stainless steel hardware ■ suitable for drive-over applications ■ lamp not included ■ natural brass finish

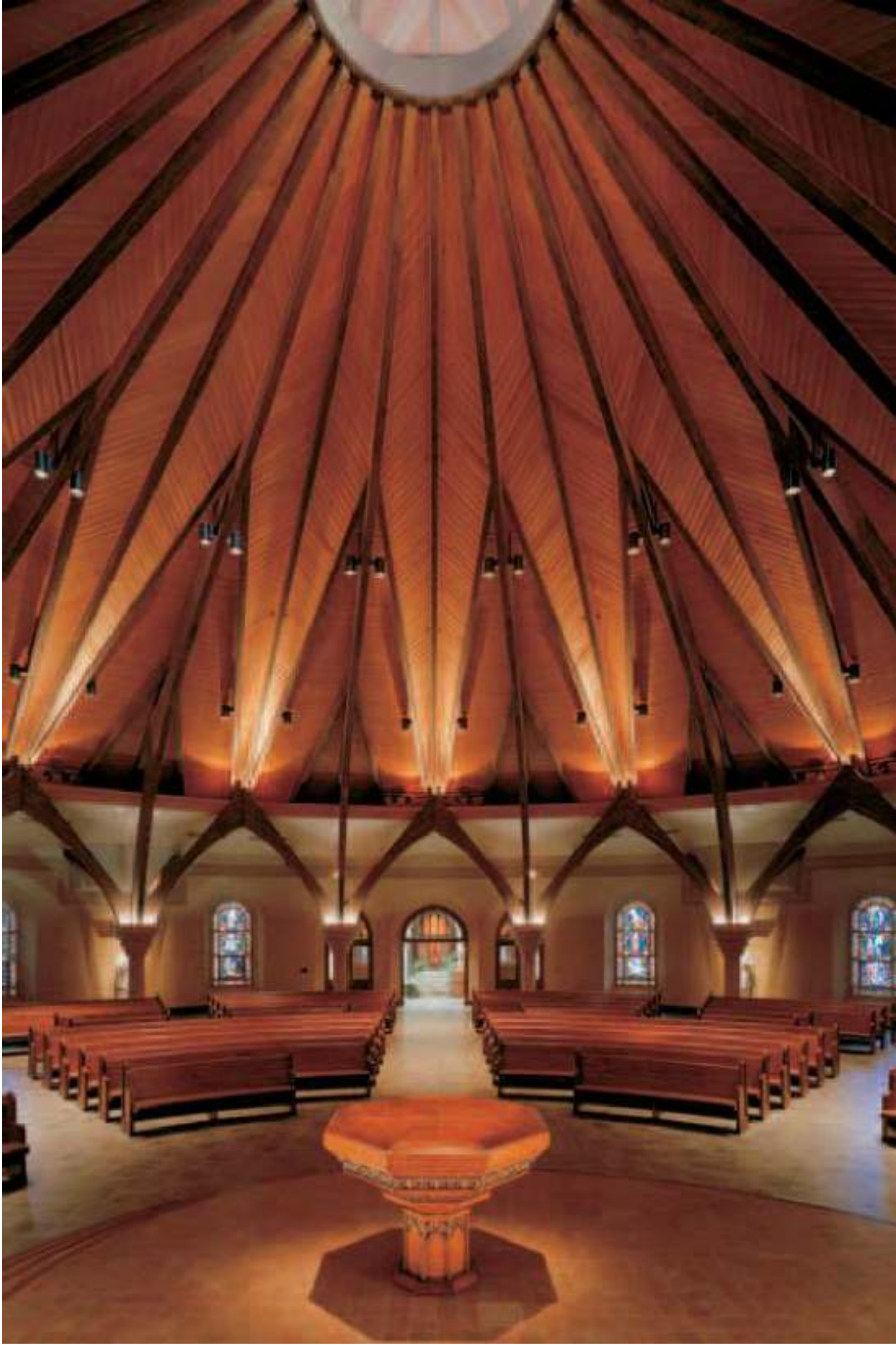
WALL







Westwood series wall fixtures combine beauty and function to provide uplight, downlight or combination up/downlight to compliment any architectural setting. Select from a variety of lamp sources including low voltage, line voltage or metal halide. Grace facades or flank entry ways with these precision-machined painted aluminum, brass, copper or stainless steel forms.



# WESTWOOD

Wall

## DESCRIPTION

Westwood is a broad, versatile series of outdoor wall fixtures for uplighting, downlighting or combination up/downlight. Lamp source selections include low voltage halogen, line voltage or metal halide. Many models are available in premium brass, copper and stainless steel finishes. UL / cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard.

## SPECIFICATION

SAMPLE NUMBER

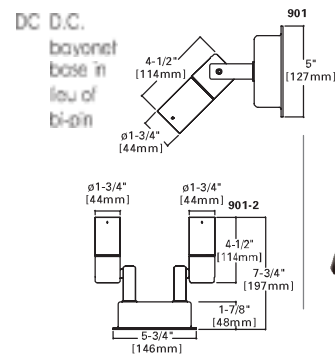
1 | 901      2 | 35MR11      3 | 120/12      4 | BZ      5 | DC

1   MODEL	2   SOURCE	3   VOLTS
901	1 adjustable fixture head	35MR11 35W / MR11 / GU4 120/12
901-2	2 adjustable fixture heads	

NOTES ■ also suitable for ceiling mounting ■ machined housing, hood & stem ■ spun mounting canopy ■ tempered glass lens ■ stainless steel hardware ■ lamp not included ■ includes integral 12V step-down transformer ■ chrome undercoating, powdercoat paint finish (painted finish) ■ machined brass or copper (metal finish)

4   FINISH	5   OPTIONS
Painted	DC D.C. bayonet base in lieu of bi-pin
BK black	
BZ bronze	
CS city silver	
VE verde	
WT white	

Natural Metal  
NBR brass  
NCP copper

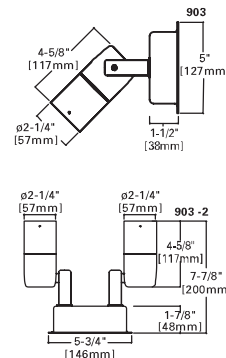


1   MODEL	2   SOURCE	3   VOLTS
903	1 adjustable fixture head	50MR16 50W / MR16 / GU5.3 120/12
903-2	2 adjustable fixture heads	

NOTES ■ also suitable for ceiling mounting ■ machined housing, hood & stem ■ spun mounting canopy ■ tempered glass lens ■ stainless steel hardware ■ lamp not included ■ includes integral 12V step-down transformer ■ chrome undercoating, powdercoat paint finish (painted finish) ■ machined brass or copper (metal finish)

4   FINISH
Painted
BK black
BZ bronze
CS city silver
VE verde
WT white

Natural Metal  
NBR brass  
NCP copper

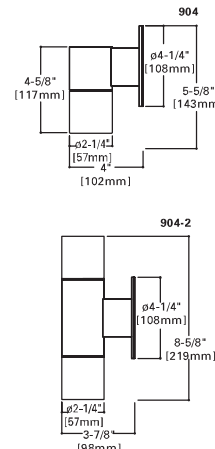


1   MODEL	2   SOURCE	3   VOLTS
904	uplight or downlight	50MR16 50W / MR16 / GU5.3 12
904-2	combination up/downlight	

NOTES ■ IP65 rated ■ machined housing & head ■ fabricated mounting canopy ■ tempered glass lens ■ stainless steel hardware ■ lamp not included ■ remote 12V transformer required (not included) ■ chrome undercoating, powdercoat paint finish (painted finish) ■ machined brass, bronze or stainless steel (metal finish)

4   FINISH
Painted
BK black
BZ bronze
CS city silver
VE verde
WT white

Natural Metal  
NBR brass  
NCP copper  
NSS stainless steel



# WESTWOOD

## SPECIFICATION

SAMPLE NUMBER

1 | 912      2 | 50PAR20      3 | 120      4 | BZ

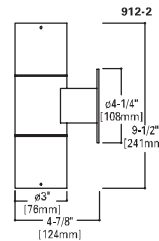
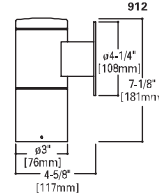
1   MODEL	2   SOURCE	3   VOLTS
912 uplight or downlight	Halogen 50PAR20 50W / PAR20 / medium	120
912-2 combination up/downlight		

NOTES ■ IP45-rated ■ machined housing & hood ■ fabricated mounting canopy ■ temperate glass lens ■ stainless steel hardware ■ lamp not included ■ chrome undercoating, powdercoat paint finish (painted finish) ■ machined brass or copper (metal finish)

### 4 | FINISH

*Painted*  
BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

*Natural Metal*  
NBR brass  
NCP copper



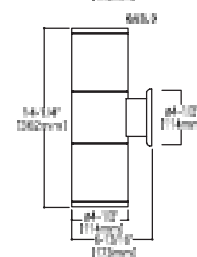
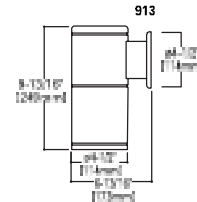
1   MODEL	2   SOURCE	3   VOLTS
913 uplight or downlight	Halogen 75PAR30 75W / PAR30 / medium	120
913-2 combination up/downlight		

NOTES ■ IP45-rated ■ machined housing & hood ■ fabricated mounting canopy ■ temperate glass lens ■ stainless steel hardware ■ lamp not included ■ chrome undercoating, powdercoat paint finish (painted finish) ■ machined brass or copper (metal finish)

### 4 | FINISH

*Painted*  
BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

*Natural Metal*  
NBR brass  
NCP copper



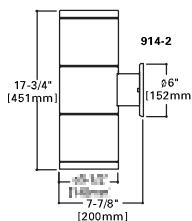
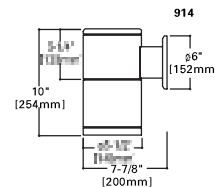
1   MODEL	2   SOURCE	3   VOLTS
914 uplight or downlight	Halogen 150PAR38 150W/PAR38/medium	120
914-2 combination up/downlight		

NOTES ■ IP45-rated ■ machined housing & hood ■ fabricated mounting canopy ■ temperate glass lens ■ stainless steel hardware ■ lamp not included ■ chrome undercoating, powdercoat paint finish (painted finish) ■ machined brass or copper (metal finish)

### 4 | FINISH

*Painted*  
BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

*Natural Metal*  
NBR brass  
NCP copper

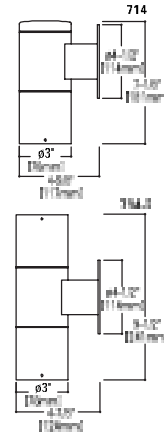




1   MODEL	2   SOURCE	3   VOLTS
714 uplight or downlight	<i>Metal Halide</i> MH39PAR20 39W / PAR20 / medium	120
714-2 combination up/downlight		208 240 277 347

NOTES ■ IP65 rated ■ machined housing & hood ■ fabricated mounting canopy ■ tempered glass lens ■ stainless steel hardware ■ lamp not included ■ includes remote care & cool ballast/heating ■ chrome undercoating, powdercoat paint finish

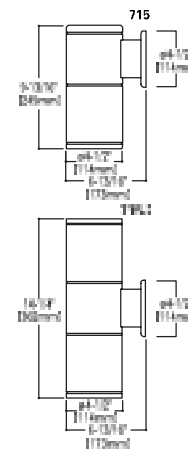
4   FINISH
Painted
BK black
BZ bronze
CS city silver
VE verde
WT white



1   MODEL	2   SOURCE	3   VOLTS
715 uplight or downlight	<i>Metal Halide</i> MH39PAR30 39W / PAR30 / medium	120
715-2 combination up/downlight	MH70PAR30 70W / PAR30 / medium	208 240 277 347

NOTES ■ IP65 rated ■ machined housing & hood ■ fabricated mounting canopy ■ tempered glass lens ■ stainless steel hardware ■ lamp not included ■ includes remote care & cool ballast/heating ■ chrome undercoating, powdercoat paint finish

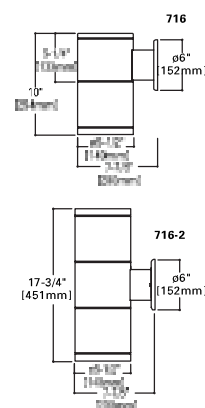
4   FINISH
Painted
BK black
BZ bronze
CS city silver
VE verde
WT white



1   MODEL	2   SOURCE	3   VOLTS
716 uplight or downlight	<i>Metal Halide</i> MH70PAR38 70W / PAR38 / medium	120
716-2 combination up/downlight	MH100PAR38 100W / PAR38 / medium	208 240 277 347

NOTES ■ IP65 rated ■ machined housing & hood ■ fabricated mounting canopy ■ tempered glass lens ■ stainless steel hardware ■ lamp not included ■ includes remote care & cool ballast/heating ■ chrome undercoating, powdercoat paint finish

4   FINISH
Painted
BK black
BZ bronze
CS city silver
VE verde
WT white

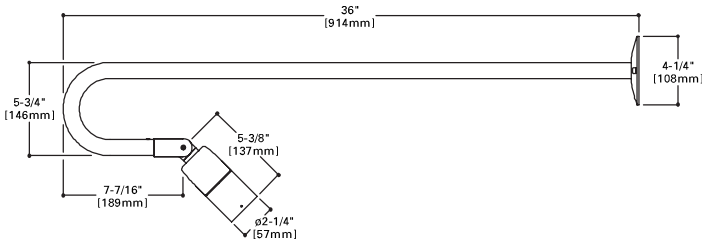


SIGN





Lumière offers a versatile collection of low voltage and HID sign lighting fixtures. Standard mounting configurations include wall, surface, ground, tree or arm mounting.



## SPECIFICATION

### DESCRIPTION

An ultra-compact MR16 low voltage fixture that attaches to a wall-mounted 36" hook arm (optional 24" or 30" arms are available). It provides 180° of vertical adjustment. Lenses, louvers and color or dichroic filters can be combined - up to three at once - to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

### SAMPLE NUMBER

1 | 920    2 | 50MR16    3 | 12    4 | BK    5 | HA24

### 1 | MODEL

920

36" hook arm & mounting plate

### 2 | SOURCE

50MR16

Halogen  
50W / MR16 / GU5.3 (lamp not included)

### 3 | VOLTS

12

12V remote transformer required (not included)

### 4 | FINISH

*Painted*

BK

black

BZ

bronze

CS

city silver

VE

verde

WT

white

### 5 | OPTIONS

HA24

24" hook arm in lieu of standard 36" arm

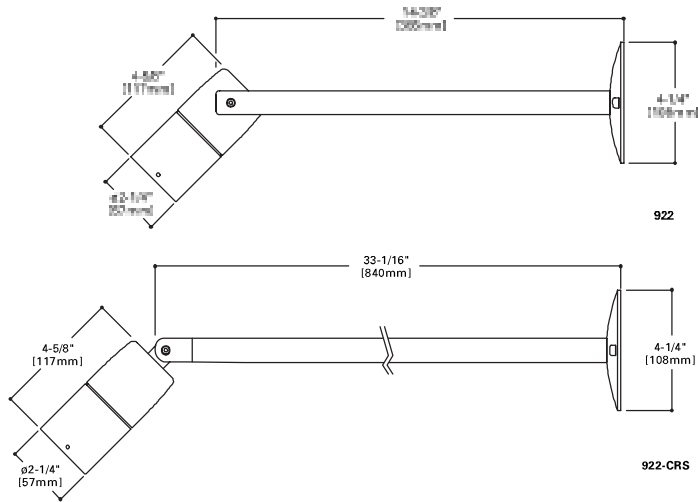
HA30

30" hook arm in lieu of standard 36" arm



# CAMBRIA 922

Sign



## SPECIFICATION

### DESCRIPTION

An ultra-compact MR16 low voltage fixture that attaches to a wall-mounted straight arm. It provides 180° of vertical adjustment. Lenses, louvers and color or dichroic filters can be combined - up to three at once - to create multiple lighting effects. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

NOTE: See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

### SAMPLE NUMBER

1 | 922    2 | 50MR16    3 | 12    4 | BZ    5 | SA24

### 1 | MODEL

922    14-3/8" arm, side swivel & mounting plate  
922-CRS    33-1/16" arm, center rear swivel & mounting plate

### 2 | SOURCE

50MR16    Halogen  
50W / MR16 / GU5.3 (*lamp not included*)

### 3 | VOLTS

12    12V remote transformer required (*not included*)

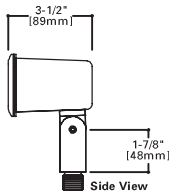
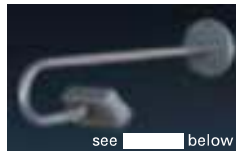
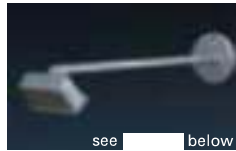
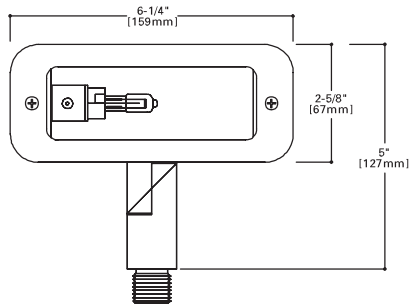
### 4 | FINISH

*Painted*  
BK    black  
BZ    bronze  
CS    city silver  
VE    verde  
WT    white

### 5 | OPTIONS

SA24    24" straight arm in lieu of standard  
SA30    30" straight arm in lieu of standard  
SA36    36" straight arm in lieu of standard

# CARMEL 403



## SPECIFICATION

### SAMPLE NUMBER

1 | 403    2 | 50T4    3 | 12    4 | BK    5 | HA30

### DESCRIPTION

An ultra-compact low voltage halogen fixture. It utilizes a T4 lamp source and specular pebblestone aluminum reflector for high lumen output and even illumination. The adjustable mounting stem provides a full range of aiming from any mounting position. Optional wall mounted arm extensions are available for sign lighting. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Housing and lens cover are die-cast from silicone aluminum alloy. Mounting stem is precision-machined from corrosion-resistant 6061-T6 aluminum.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

### 1 | MODEL

403                      mini flood with 1/2" adjustable stem

### 2 | SOURCE

50T4                      Halogen  
50W / T4 / GY6.35 (lamp not included)

### 3 | VOLTS

12                              12V remote transformer required (not included)

### 4 | FINISH

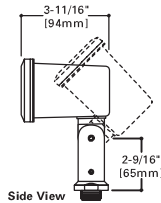
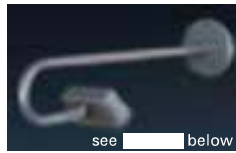
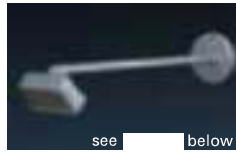
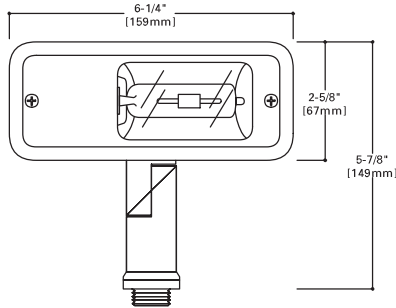
*Painted*  
BK                              black  
BZ                              bronze  
CS                              city silver  
VE                              verde  
WT                              white

### 5 | OPTIONS

HA24                              24" hook arm  
HA30                              30" hook arm  
HA36                              36" hook arm  
SA24                              24" straight arm  
SA30                              30" straight arm  
SA36                              36" straight arm

# CARMEL 450

Sign



## SPECIFICATION

### DESCRIPTION

An ultra-compact flood fixture for use with T6 ceramic metal halide lamps. Its rugged, contemporary design and wide array of mounting options make ideal for architectural, landscape and sign lighting applications. The adjustable mounting stem provides a full range of aiming from any mounting position. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Housing and lens cover are die-cast from silicone aluminum alloy. Mounting stem is precision-machined from corrosion-resistant 6061-T6 aluminum.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Requires remote ballast. Maximum remote distance for core & coil ballast (120/208/240/277/347V) is 50'. Maximum remote distance for optional electronic ballast (120/277V) is 15'. Add prefix "EL" to ballast/mounting code to specify electronic ballast.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

NOTE: See Accessories & Technical Data section for additional optical, electrical and mounting accessories.

### SAMPLE NUMBER

1 | 450 2 | MH70T6 3 | 120 4 | MB 5 | CS 6 | HA24

#### 1 | MODEL

450 mini flood with 1/2" NPS adjustable stem

#### 2 | SOURCE Metal Halide

MH39T6 39W / T6 / G12 (lamp not included)  
MH70T6 70W / T6 / G12 (lamp not included)

#### 3 | VOLTS

120, 208, 240, 277, 347 (specify)

#### 4 | BALLAST / MOUNTING

MB fixture mounts to inground core & coil ballast/housing  
SM fixture mounts to wall-mounted core & coil ballast/housing, bottom conduit entry  
WM fixture mounts to wall-mounted core & coil ballast/housing, over J-box  
WR fixture mounts to flat surface (any orientation), remote core & coil ballast/housing  
TS fixture mounts to core & coil ballast/housing, strapped to tree  
TSR fixture strapped to tree, remote inground core & coil ballast/housing

#### 5 | FINISH

Painted  
BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

#### 6 | OPTIONS

HA24 24" hook arm  
HA30 30" hook arm  
HA36 36" hook arm  
SA24 24" straight arm  
SA30 30" straight arm  
SA36 36" straight arm

NOTE: Mounting arms for use with WM or WR ballast/mounting only.

SPECIALTY



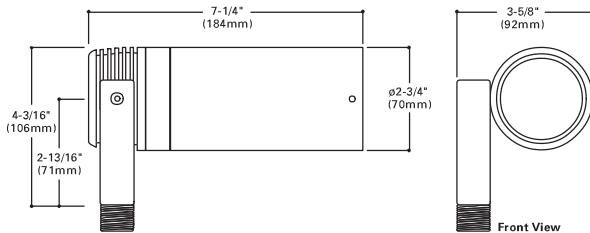


Special application fixtures make it possible to create exciting and dramatic lighting effects not possible with conventional fixtures. Our award-winning Hollywood projector series creates economical, luminous signage that's as easy to change as an industry standard steel gobo. The Atlantis underwater series creates soft, seductive underwater effects. Employ the use of color or dichroic filters to create additional beauty and drama.



# CAMBRIA 290

Specialty → Projectors



## SPECIFICATION

SAMPLE NUMBER

1 | 290    2 | 75MR16    3 | 12    4 | CS

### DESCRIPTION

An ultra-compact MR16 low voltage image projector. Its low-profile and rugged construction make it suitable for indoor or outdoor applications. The housing design incorporates an integral heat sink that allows the fixture to run cooler, promoting longer lamp life. It accepts industry standard Micro-E steel gobos and is extremely easy to focus. The fully adjustable mounting stem provides 340° tilt and 360° rotation for easy aiming. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made. Also suitable for indoor use.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.

### 1 | MODEL

290 projector w/ 1/2" NPS side swivel stem

### 2 | SOURCE

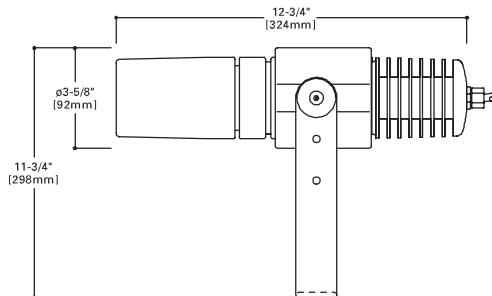
75MR16 Halogen 75W / MR16 / GU5.3 (lamp not included)

### 3 | VOLTS

12 12V remote transformer required (not included)

### 4 | FINISH

<i>Painted</i>	
BK	black
BZ	bronze
CS	city silver
VE	verde
WT	white



## SPECIFICATION

SAMPLE NUMBER

1 | 1702    2 | 75MR16    3 | 12    4 | CS    5 | SCH

### DESCRIPTION

An ultra-compact low voltage MR16 image projector. The precision ground lens/condenser system accepts industry standard Micro-E steel gobos and projects clear, crisp images. Its rugged construction, petite scale and contemporary design make it ideal for indoor or outdoor image projection applications. The fully adjustable mounting yoke utilizes a unique clutch locking mechanism for easy, precise aiming. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Remote 12V step-down transformer required (not included). See *Accessories & Technical Data* section for ordering information.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Suitable for outdoor wall or ground mounting. Also suitable for indoor wall or ceiling mounting. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

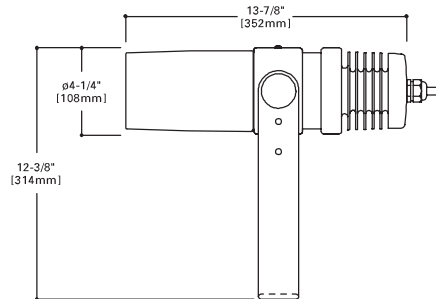
### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

1	MODEL 1702	projector w/ adjustable mounting yoke
2	SOURCE 75MR16	Halogen 75W / MR16 / GU5.3 (lamp not included)
3	VOLTS 12	12V remote transformer required (not included)
4	FINISH <i>Painted</i> BK BZ CS VE WT	black bronze city silver verde white
5	OPTIONS SCH	safety cable (factory installed)

NOTE: See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.





## SPECIFICATION

### DESCRIPTION

An ultra-compact HID image projector for use with a PAR20 CMH lamp source. The precision ground lens/condenser system accepts industry standard Micro-E steel gobos and projects clear, crisp images. Its rugged construction, petite scale and contemporary design make it ideal for indoor or outdoor applications. The fully adjustable mounting yoke utilizes a unique clutch locking mechanism for easy, precise aiming. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Requires remote ballast. Maximum remote distance for core & coil ballast (120/208/240/277/347V) is 50'. Maximum remote distance for optional electronic ballast (120/277V) is 15'. Add prefix "EL" to ballast/mounting code to specify electronic ballast.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. IP65 rated. Also suitable for indoor wall or ceiling mounting. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

### SAMPLE NUMBER

1 | 1701<sup>2</sup> | MH39PAR20<sup>3</sup> | 120<sup>4</sup> | MB<sup>5</sup> | CS<sup>6</sup> | SCH

### 1 | MODEL

1701 projector w/ adjustable mounting yoke

### 2 | SOURCE

Metal Halide  
MH39PAR20 39W / PAR20 / medium (lamp not included)

### 3 | VOLTS

120, 208, 240 (specify)  
277 or 347

### 4 | Ballast / Mounting

MB fixture mounts to inground core & coil ballast/housing  
SM fixture mounts to wall-mounted core & coil ballast/housing, bottom conduit entry  
WR fixture mounts to flat surface (any orientation), remote core & coil ballast/housing  
TSR fixture strapped to tree, remote inground core & coil ballast/housing  
TSR2 fixture strapped to tree, remote core & coil ballast/housing strapped to tree

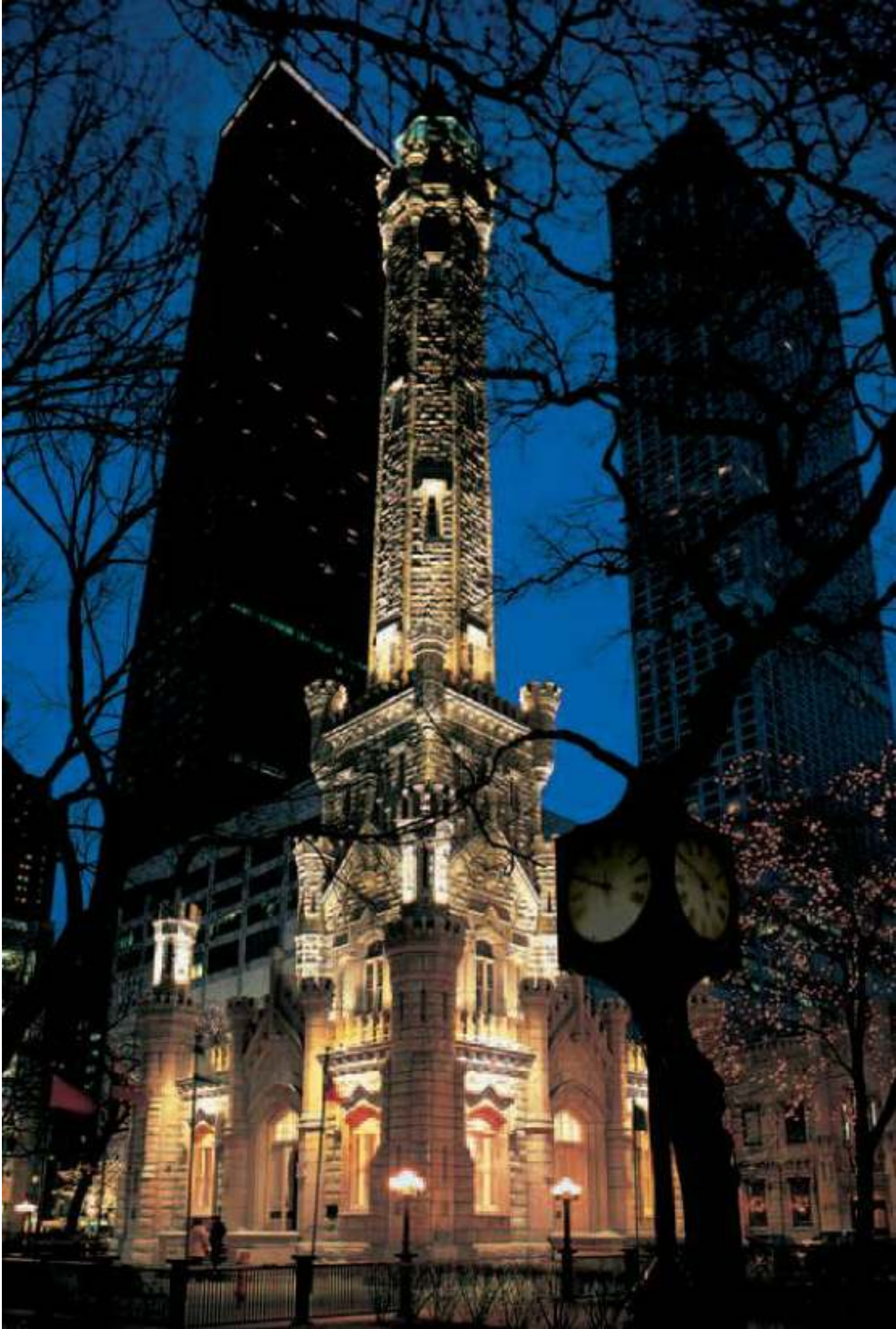
### 5 | FINISH

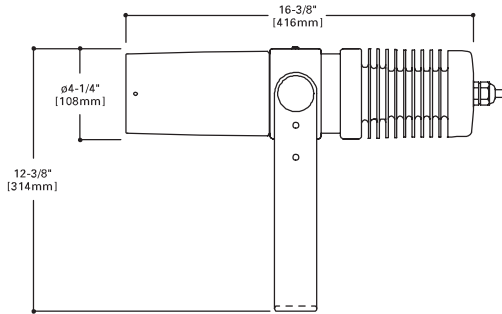
Painted  
BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

### 6 | OPTIONS

SCH safety cable (factory installed)

**NOTE:** See Accessories & Technical Data section for additional optical, electrical and mounting accessories.





## S P E C I F I C A T I O N

### DESCRIPTION

An ultra-compact HID image projector for use with a T6 CMH lamp source. It is a powerful outdoor illuminator that accepts industry standard Micro-E steel gobos and delivers precision image projection over extended distances. The fully adjustable mounting yoke utilizes a unique clutch locking mechanism for easy, precise aiming. A standard quick-release mechanism allows relamping without affecting aim or focus. Lumière's exclusive Siphon Protection System (S.P.S.) prevents water from siphoning into the fixture through its own lead wires.

### MATERIAL

Precision-machined from corrosion-resistant 6061-T6 aluminum.

### FINISH

Double protected by a chromate conversion undercoating and polyester powdercoat paint finish.

### ELECTRICAL

Remote electronic ballast / housing is standard (120/277V). Maximum remote mounting distance is 15'.

### LABELS & APPROVALS

UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

### WARRANTY

Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

NOTE: See *Accessories & Technical Data* section for additional optical, electrical and mounting accessories.



SAMPLE NUMBER

1 | 1704 | 2 | MH150T6 | 3 | 277 | 4 | ELSM | 5 | CS | 6 | SCH

### 1 | MODEL

1704 projector w/ adjustable mounting yoke

### 2 | SOURCE

Metal Halide  
MH150T6 150W / T6 / G12 (lamp not included)

### 3 | VOLTS

120 (specify)  
277

### 4 | Ballast / Mounting

ELSM fixture mounts to wall-mounted electronic ballast/housing, bottom conduit entry  
ELWM fixture mounts to wall-mounted electronic ballast/housing, over J-box  
ELWR fixture mounts to flat surface (any orientation), remote electronic ballast/housing  
ELTS fixture mounts to electronic ballast/housing, strapped to tree  
ELTSR2 fixture strapped to tree, remote electronic ballast/housing strapped to tree

### 5 | FINISH

Painted  
BK black  
BZ bronze  
CS city silver  
VE verde  
WT white

### 6 | OPTIONS

SCH safety cable (factory installed)



## SPECIFICATION

SAMPLE NUMBER

1 | 1407    2 | 75MR16    3 | 12    4 | NBZ

### DESCRIPTION

Ultra-compact, fully submersible low voltage underwater fixtures for use in decorative ponds, fountains and water gardens. Precision-machined solid bronze or stainless steel with 15' of low voltage SJO cord for easy placement and relamping. Lenses, louvers and color or dichroic filters can be combined – up to three at once – to create dramatic underwater lighting effects.

### MATERIAL

Precision-machined from corrosion-resistant solid bronze or stainless steel.

### FINISH

The natural beauty and durability of solid bronze or stainless steel.

### ELECTRICAL

Remote 12V transformer required (not included). Use Lumière model T300 or equivalent only. See *Accessories & Technical Data* section for ordering information.

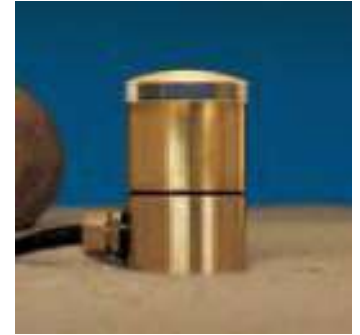
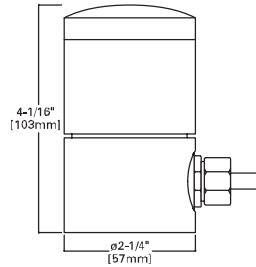
### LABELS & APPROVALS

UL and cUL listed, standard wet label. IP65 rated (model 1407 only). Fixture and cord entry to fixture require complete underwater submersion. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made. Approved by New York City Dept. of Buildings, Bureau of Electrical Control for use in New York City, NY.

### WARRANTY

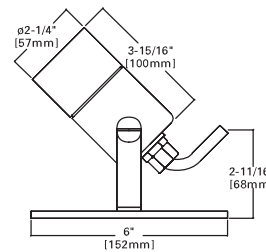
Materials and workmanship are warranted for three (3) years. Auxillary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.

**NOTE:** Model T300 remote transformer not included. See *Accessories & Technical Data* section for ordering information.



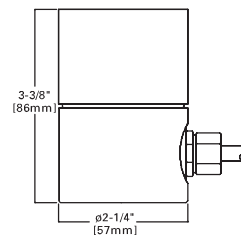
1   MODEL	2   SOURCE	3   VOLTS	4   FINISH
1408	INC18	12	NBZ bronze NSS stainless steel

*Incandescent 18W / T5 / wedge (lamp included)*



1   MODEL	2   SOURCE	3   VOLTS	4   FINISH
1407	75MR16	12	NBZ bronze NSS stainless steel

*Halogen 75W / MR16 / GU5.3 (lamp not included)*



1   MODEL	2   SOURCE	3   VOLTS	4   FINISH
1409	75MR16	12	NBZ bronze NSS stainless steel

*Halogen 75W / MR16 / GU5.3 (lamp not included)*

# ACCESSORIES & TECHNICAL DATA





Lumière offers a wide range of optical accessories, mounting accessories, junction boxes and low voltage cable and transformers. Accessories maximize your design alternatives, providing an added level of creativity and control.

# LENSES, LOUVERS

## Lenses & Louvers

Lumière lenses, louvers and filters maximize your design alternatives. Each performs a unique task, allowing you to tailor your design to the job at hand. Hassle-free installation, secured to the interior of the fixture hood behind the lens by an easy to use snap ring. Most Lumière fixtures accept a combination of up to three of these accessories, maximizing flexibility and design potential.



SOURCE	MODEL
MR8	LSL-8
MR11	LSL-1
MR16	LSL
PAR20	LSL-20
PAR30	LSL-30
PAR38	LSL-38
PAR56	LSL-56

### Linear Spread Lens

Directional beam elongator. Use this lens to elongate a lamp's standard beam spread.



SOURCE	MODEL
MR8	OSL-8
MR11	OSL-1
MR16	OSL
PAR20	OSL-20
PAR30	OSL-30
PAR38	OSL-38

### Overall Spread Lens

Clear prismatic lens with heavy spread and high transmission. Use this lens to increase a lamp's beam spread.



SOURCE	MODEL
MR8	DIF-8
MR11	DIF-1
MR16	DIF
PAR20	DIF-20
PAR30	DIF-30
PAR38	DIF-38
PAR56	DIF-56

### Diffused Lens

Soft focus, diffused lens for clean, even illumination. Use this lens to provide even illumination without enlarging lamp's beam spread.



SOURCE	MODEL
MR8	LVR-8
MR11	LVR-1
MR16	LVR
PAR20	LVR-20
PAR30	LVR-30
PAR38	LVR-38
PAR56	LVR-56

### Louver

Hex cell louvers reduce glare. The honeycomb pattern traps and controls peripheral light.



## Color Filters

Color filters allow the creation of spectacular lighting effects. You can even use mercury vapor color filters to blend other lamp types with fixtures using a mercury vapor light source. Filters are listed by lamp size – most Lumière fixtures that use these lamp sources accept color filters.

SOURCE	COLOR	MODEL
MR8	Red	F2-8
	Blue	F3-8
	Green	F4-8
	Yellow	F5-8
	Mercury	F6-E
MR11	Red	F2
	Blue	F3
	Green	F4
	Yellow	F5
	Mercury	F6
MR16	Red	F22
	Blue	F33
	Green	F44
	Yellow	F55
	Mercury	F66
PAR20	Red	F22-20
	Blue	F33-20
	Green	F44-20
	Yellow	F55-20
	Mercury	F66-20
PAR30	Red	F22-30
	Blue	F33-30
	Green	F44-30
	Yellow	F55-30
	Mercury	F66-30
PAR38	Red	F22-38
	Blue	F33-38
	Green	F44-38
	Yellow	F55-38
	Mercury	F66-38
PAR56	Red	F22-56
	Blue	F33-56
	Green	F44-56
	Yellow	F55-56
	Mercury	F66-56



## Dichroic Filters

Dichroic filters provide the best in exacting color rendition. The dichroic filters listed below are standard items.

SOURCE	COLOR	MODEL
MR8	Peach	F71-8
	Amber	F72-8
	Green	F73-8
	Medium Blue	F74-8
	Yellow	F75-8
	Red	F76-8
	Dark Blue	F77-8
	Light Blue	F78-8
	Neutral Density	F79-8
	Magenta	F80-E
	MR11	Peach
Amber		F72-1
Green		F73-1
Medium Blue		F74-1
Yellow		F75-1
Red		F76-1
Dark Blue		F77-1
Light Blue		F78-1
Neutral Density		F79-1
Magenta		F80-1
MR16		Peach
	Amber	F72
	Green	F73
	Medium Blue	F74
	Yellow	F75
	Red	F76
	Dark Blue	F77
	Light Blue	F78
	Neutral Density	F79
	Magenta	F80
	PAR20	Peach
Amber		F72-20
Green		F73-20
Medium Blue		F74-20
Yellow		F75-20
Red		F76-20
Dark Blue		F77-20
Light Blue		F78-20
Neutral Density		F79-20
Magenta		F80-20
PAR30		Peach
	Amber	F72-30
	Green	F73-30
	Medium Blue	F74-30
	Yellow	F75-30
	Red	F76-30
	Dark Blue	F77-30
	Light Blue	F78-30
	Neutral Density	F79-30
	Magenta	F80-30
	PAR38	Peach
Amber		F72-38
Green		F73-38
Medium Blue		F74-38
Yellow		F75-38
Red		F76-38
Dark Blue		F77-38
Light Blue		F78-38
Neutral Density		F79-38
Magenta		F80-38
PAR56		Available by special order



# ROCK GUARDS & OPTICAL

## Monaco 6000 Series Inground

These accessories are available for all Monaco 6000 series inground fixtures. Rock guards and glare shields are constructed from cast brass with natural finish (NBR) or painted finish (BK, BZ, CS, VE, WT). Specify finish when ordering. Option LVR6 (internal hex cell louver) is constructed from aluminum and painted black. Options TRL (temperature reduction lens) and LSL6 (linear spread lens) are tempered glass.



RG  
ø8" x 9/16" (203mm x 14mm)  
rock guard



SGR  
ø8" x 4-3/4" (203mm x 121mm)  
straight glare shield / rock guard



DG  
ø8" x 3-7/8" (203mm x 98mm)  
domed glare shield



SG  
ø8" x 4-3/4" (203mm x 121mm)  
straight glare shield



HVL  
ø8-3/16" x 1-1/8" (210mm x 29mm)  
horizontal / vertical louver



LVR6  
ø6-3/16" (157mm)  
hex cell louver (internal)

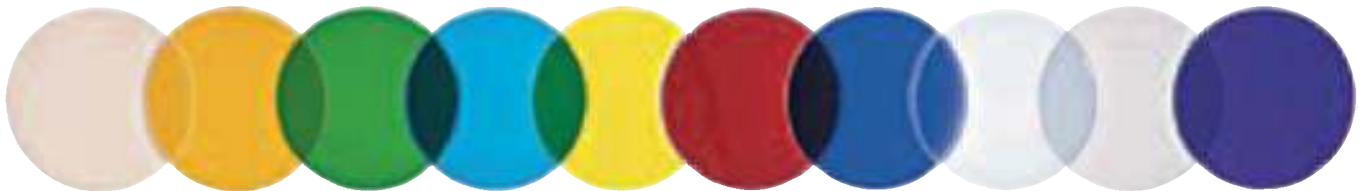


TRL  
ø6-3/16" (157mm)  
temperature reduction lens (internal)



LSL6  
ø6-3/16" (157mm)  
linear spread lens (internal)

## DICHROIC FILTERS



F71-6  
peach

F72-6  
amber

F73-6  
green

F74-6  
medium  
blue

F75-6  
yellow

F76-6  
red

F77-6  
dark  
blue

F78-6  
light  
blue

F79-6  
neutral  
density

F80-6  
magenta

Lumière glare shields reduce glare from the lamp source, providing comfortable illumination. They mount directly to the hood of the fixture and are secured by a locking set screw (provided). Glare shields are finished to match the fixture. See fixture specification sheets for available finishes.



FH200

ø1-9/16" x 2-3/8" (40mm x 60mm)  
Use with MR8 fixtures



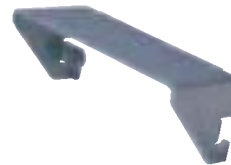
FH56

ø6-7/16" x 8-1/2" (164mm x 216mm)  
Use with PAR56 fixtures



FH211

ø2" x 3-1/2" (51mm x 89mm)  
Use with MR11 fixtures



FH403

6-1/2" x 2-7/8" (165mm x 73mm)  
Use with model 403 only



FH203

ø2-1/2" x 4" (64mm x 102mm)  
Use with MR16 fixtures



FH450

6-1/2" x 2-7/8" (165mm x 73mm)  
Use with model 450 only



FH20

ø3" x 5" (76mm x 127mm)  
Use with PAR20 fixtures



FH200S

ø1-9/16" x 2-3/8" (40mm x 60mm)  
Use with MR8 fixtures



FH30

ø4-3/4" x 3-3/8" (121mm x 86mm)  
Use with PAR30 fixtures



FH212

ø2" x 3-1/2" (51mm x 89mm)  
Use with MR11 fixtures



FH38

ø5-3/4" x 4-3/8" (146mm x 111mm)  
Use with PAR38 fixtures



FH204

ø2-1/2" x 4" (64mm x 102mm)  
Use with MR16 fixtures

TYPE	ENVELOPE	WATTS	VOLTS	BASE	DISTRIBUTION	PART NUMBER	
Low Voltage - Halogen	MR8	20W	12V	GZ4 bi-pin	SP	MR8-12-20N	
		20W	12V	GZ4 bi-pin	NFL	MR8-12-20W	
	MR11	20W	12V	GU4 bi-pin	SP	FTB	
		20W	12V	GU4 bi-pin	NFL	FTD	
		20W	12V	GU4 bi-pin	MFL	FTC	
		20W	12V	D.C. bayonet	NSP	FSS	
		20W	12V	D.C. bayonet	SP	FST	
		20W	12V	D.C. bayonet	FL	FSV	
		35W	12V	GU4 bi-pin	SP	FTE	
		35W	12V	GU4 bi-pin	MFL	FTF	
		35W	12V	GU4 bi-pin	FL	FTH	
		35W	12V	D.C. bayonet	SP	GDX	
		35W	12V	D.C. bayonet	FL	BAW	
	MR16	20W	12V	GU5.3 bi-pin	NSP	EZX	
		20W	12V	GU5.3 bi-pin	SP	ESX	
		20W	12V	GU5.3 bi-pin	FL	BAB	
		35W	12V	GU5.3 bi-pin	NSP	FRB	
		35W	12V	GU5.3 bi-pin	SP	FRA	
		35W	12V	GU5.3 bi-pin	FL	FMW	
		50W	12V	GU5.3 bi-pin	NSP	EXT	
		50W	12V	GU5.3 bi-pin	NFL	EXZ	
		50W	12V	GU5.3 bi-pin	FL	EXN	
		50W	12V	GU5.3 bi-pin	WFL	FNV	
		75W	12V	GU5.3 bi-pin	NSP	EYF	
		75W	12V	GU5.3 bi-pin	NFL	EYJ	
		75W	12V	GU5.3 bi-pin	FL	EYC	
	PAR36	50W	12V	M-P	NSP	HP3650-NSP	
		50W	12V	M-P	SP	HP3650-SP	
		50W	12V	M-P	FL	HP3650-FL	
		50W	12V	M-P	WFL	HP3650-WFL	
	PAR56	240W	12V	mogul	MFL	HP56240-MFL	
	T4	20W	12V	GY6.35 bi-pin	***	HGT420	
		35W	12V	GY6.35 bi-pin	***	HGT435	
		50W	12V	GY6.35 bi-pin	***	HGT450	
	Low Voltage - Incandescent	T5	13W	12V	wedge	***	WB912
			18W	12V	wedge	***	WB921
S8		18W	12V	D.C. bayonet	***	DC1142	
Line Voltage - Halogen	MR16	50W	120V	G8.5 bi-pin	WFL	120V50MR16	
	PAR20	35W	120V	medium	NSP	HP2035-NSP	
		35W	120V	medium	NFL	HP2035-NFL	
		50W	120V	medium	NSP	HP2050-NSP	
		50W	120V	medium	SP	HP2050-SP	
		50W	120V	medium	NFL	HP2050-NFL	
	PAR30	50W	120V	medium	NSP	HP3050-NSP	
		50W	120V	medium	SP	HP3050-SP	
		50W	120V	medium	NFL	HP3050-NFL	
		75W	120V	medium	NSP	HP3075-NSP	
		75W	120V	medium	SP	HP3075-SP	
		75W	120V	medium	NFL	HP3075-NFL	
		75W	120V	medium	FL	HP3075-FL	
	PAR38	150W	120V	medium	SP	HP38150-SP	
		150W	120V	medium	FL	HP38150-FL	
		250W	120V	medium	FL	HP38250-FL	
		250W	120V	medium	SP	HP38250-SP	
	PAR56	300W	120V	mogul end prong	MFL	HP56300-MFL	

TYPE	ENVELOPE	WATTS	VOLTS	BASE	DISTRIBUTION	PART NUMBER
Line Voltage - Incandescent	T6.5	20W	120V	D.C. bayonet	***	T6.5
Line Voltage - Compact Fluorescent	twin tube	5W	120V	G23	***	CFL5
		9W	120/277V	G24	***	CFL9
		13W	120/277V	GX24	***	CFL13
	triple tube	26W	120/277V	GX24q universal	***	CFL26
		32W	120/277V	GX24q universal	***	CFL32
		42W	120/277V	GX24q universal	***	CFL42
Metal Halide	T4	39W	120/208/240/277/347V	medium	***	MHT439
	T6	39W	120/208/240/277/347V	G12	***	MHT639
		70W	120/208/240/277/347V	G12	***	MHT670
		150W	120/277V	G12	***	MHT6150
	PAR20	39W	120/208/240/277/347V	medium	SP	MHP2039-SP
		39W	120/208/240/277/347V	medium	FL	MHP2039-FL
	PAR30	39W	120/208/240/277/347V	medium	SP	MHP3039-SP
		39W	120/208/240/277/347V	medium	FL	MHP3039-FL
		70W	120/208/240/277/347V	medium	SP	MHP3070-SP
		70W	120/208/240/277/347V	medium	FL	MHP3070-FL
	PAR38	70W	120/208/240/277/347V	medium	SP	MHP3870-SP
		70W	120/208/240/277/347V	medium	FL	MHP3870-FL
		70W	120/208/240/277/347V	medium	WFL	MHP3870-WFL
		100W	120/208/240/277/347V	medium	SP	MHP38100-SP
		100W	120/208/240/277/347V	medium	FL	MHP38100-FL
		100W	120/208/240/277/347V	medium	WFL	MHP38100-WFL

NOTE: If a particular manufacturer's lamp is required please specify.

# GROUND MOUNTING

## Low Voltage Ground Mounting Accessories

Lumière offers a variety of ground mounting accessories for its low voltage fixtures. See the chart on the following page to confirm that the desired mounting accessory is available for use with the desired fixture.

### AR1

7/8" x 1/2" (22mm x 13mm)

Adaptor/reducer (brass): Allows MR8 fixtures with 1/2-13 UNC threaded male stem to adapt to standard 1/2" NPS female threaded mounting accessories.



### AR2

7/8" x 1-1/4" (22mm x 32mm)

Adaptor/reducer w/ set screw (brass): Adapts and grips GS02 or GS15 adjustable spikes to GS13 ground spike.



### GB01

2-7/8" x 5" (73mm x 127mm)

Anti-rotation blade (stainless steel): Adapts to GS07 or GS14 ground spike to prevent rotation.



### GS01

1-1/2" x 6-3/4" (38mm x 171mm)

Ground spike with feed-through hole for wiring (cast zinc). Accepts 1/2" NPS threaded hubs.



### GS02

1/2" x 36" (13mm x 914mm)

Adjustable ground spike (extruded aluminum): Elevates/connects fixture 200RS or 2000RS to GS13 ground spike (requires AR2 adaptor/reducer). Specify finish (BK, BZ, CS, VE, WT).



### GS03

2-3/8" x 6-5/8" (60mm x 168mm)

Ground spike with integral 12V wiring compartment (aluminum). Accepts 1/2" NPS threaded hubs. Specify finish (BK, BZ, CS, VE, WT).



### GS04

1" x 16-1/2" (25mm x 419mm)

Ground spike with integral 12V wiring compartment (aluminum). Accepts 1/2" NPS threaded hubs. Specify finish (BK, BZ, CS, VE, WT)



### GS05

1-7/8" x 17-1/4" (48mm x 438mm)

Ground spike with 2" - 13" height adjustment (back polycarbonate): Enables fixture to be elevated as foliage grows (requires fixture with extended length lead wires)



### GS06

2" x 10-1/2" (51mm x 267mm)

Spiral ground spike provides extra holding power in unstable soil (plated steel/brass). Accepts 1/2" NPS threaded hubs.



### GS07

1" x 12" (25mm x 305mm)

Ground spike (white PVC). Accepts 1/2" NPS threaded hubs.



### GS08

1-7/8" x 8" (48mm x 203mm)

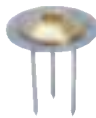
Ground spike with side or bottom wire way (black ABS). Accepts all 1/2" NPS threaded hubs.



### GS13

3-3/4" x 4-1/2" (95mm x 114mm)

3-prong ground spike (brass/stainless steel). Accepts 1/2" NPS male threaded hubs.



### GS14

7/8" x 12" (22mm x 305mm)

Ground spike (stainless steel). Accepts 1/2" NPS male threaded hubs.



### GS15

1/2" x 24" (13mm x 610mm)

24" adjustable ground spike (extruded aluminum): Elevates and connects fixture 200RS or 2000RS to GS13 ground spike (requires AR2 adaptor/reducer). Specify finish (BK, BZ, CS, VE, WT)



### TA02

1/2" x 2" (13mm x 51mm)

2" threaded adaptor rod (extruded aluminum): Elevates and connects fixture 200RS or 2000RS to GS07, GS14 or GS13 (requires AR1 adaptor/reducer). Specify finish (BK, BZ, CS, VE, WT)



### TA06

1/2" x 6" (13mm x 25mm)

6" threaded adaptor rod (extruded aluminum): Elevates/connects fixture 200RS or 2000RS to GS07, GS14 or GS13 (requires AR1 adaptor/reducer). Specify finish (BK, BZ, CS, VE, WT)



### TA09

1/2" x 9" (13mm x 229mm)

9" threaded adaptor rod (extruded aluminum): Elevates and connects fixture 200RS or 2000RS to GS07, GS14 or GS13 (requires AR1 adaptor/reducer). Specify finish (BK, BZ, CS, VE, WT)



### TA12

1/2" x 12" (13mm x 305mm)

12" threaded adaptor rod (extruded aluminum): Elevates and connects fixture 200RS or 2000RS to GS07, GS14 or GS13 (requires AR1 adaptor/reducer). Specify finish (BK, BZ, CS, VE, WT)



### TA18

1/2" x 18" (13mm x 457mm)

18" threaded adaptor rod (extruded aluminum): Elevates and connects fixture 200RS or 2000RS to GS07, GS14 or GS13 (requires AR1 adaptor/reducer). Specify finish (BK, BZ, CS, VE, WT)



### TA24

1/2" x 24" (13mm x 610mm)

24" threaded adaptor rod (extruded aluminum): Elevates and connects fixture 200RS or 2000RS to GS07, GS14 or GS13 (requires AR1 adaptor/reducer). Specify finish (BK, BZ, CS, VE, WT)

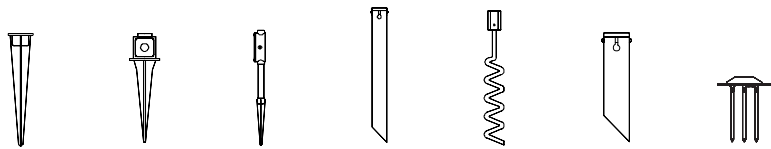


### Low Voltage Ground Mounting Accessories

Lumière mounting accessories allow low voltage fixture mounting at ground level or elevated, above foliage. Use the chart below to confirm that the desired mounting accessory is available for use

with the desired low voltage fixture type. See the preceding page for complete descriptions of ground mounting accessories.

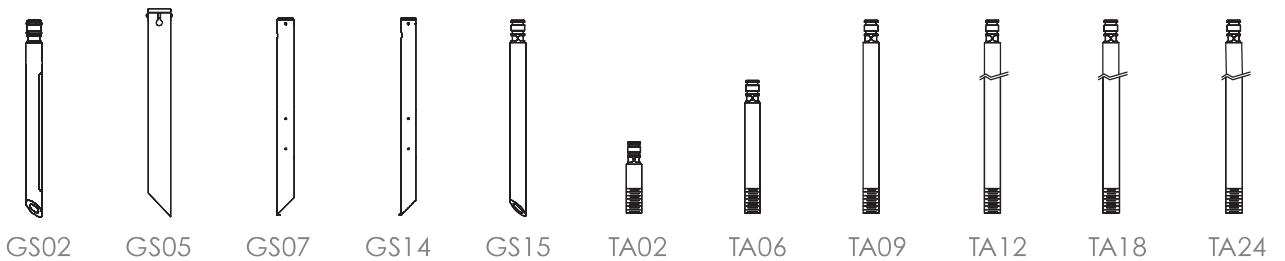
#### MOUNTING AT GROUND LEVEL



	GS01	GS03	GS04	GS05	GS06	GS08	GS13
MR8	•	•	•	•	•	•	•
MR11	•	•	•	•	•	•	•
MR16	•	•	•	•	•	•	•
T4	•	•	•	•	•	•	•
PAR56							

NOTE: MR8 fixtures with threaded stem require model AR1 adaptor/reducer for use with these mounting accessories, excluding GS05. GS08 or GS13 may be combined with GS02 or GS15 above foliage ground spikes, but require AR2 adaptor/reducer.

#### GROUND MOUNTING ABOVE FOLIAGE



	GS02	GS05	GS07	GS14	GS15	TA02	TA06	TA09	TA12	TA18	TA24
MR8	•	•	•	•	•	•	•	•	•	•	•
MR11		•	•	•							
MR16		•	•	•							
T4		•	•	•							
PAR56											

NOTE: MR8 fixtures with threaded stem require model AR1 adaptor/reducer for use with GS07 and GS14. All other accessories are for use only with MR8 fixtures with rotational stem.

# SURFACE, WALL & TREE

## Surface, Wall & Tree Mounts

Lumière offers a variety of surface, wall and tree mounting accessories. All are equipped with standard 1/2" NPS threaded mounting hole to accept fixtures with 1/2" NPS threaded stems. Surface and wall mounts are constructed from die-cast aluminum,

double protected by a chromate conversion undercoating and polyester powdercoat paint finish. Specify color (BK, BZ, CS, VE, WT). Tree mounts are constructed from stainless steel. Specify finish (NSS, BZ).

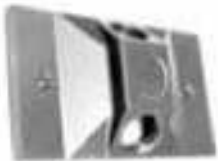


### FS1

2-7/8" x 4-5/8" (73mm x 117mm)

Rectangular wall plate or box cover with single fixture mounting hole. For use with Lumière's MB1 junction box or rectangular junction/wall boxes by others. For use with low voltage or line voltage fixtures.

Specify finish (BK, BZ, CS, VE, WT)



### FS2

2-7/8" x 4-5/8" (73mm x 117mm)

Rectangular wall plate or box cover with dual mounting holes. For use with Lumière's MB1 junction box or rectangular junction/wall boxes by others. For use with low voltage or line voltage fixtures.

Specify finish (BK, BZ, CS, VE, WT)



### RS1

ø4-1/2" (114mm)

Round wall plate or box cover with single fixture mounting hole. For use with Lumière's MBR1 junction box or round junction/wall boxes by others. For use with low voltage or line voltage fixtures.

Specify finish (BK, BZ, CS, VE, WT)



### RS2

ø4-1/2" (114mm)

Round wall plate or box cover with dual mounting holes. For use with Lumière's MBR1 junction box or round junction/wall boxes by others. For use with low voltage or line voltage fixtures.

Specify finish (BK, BZ, CS, VE, WT)



### TM01

ø2-3/16" x 1-1/2" (71mm x 38mm)

Round mount for installing fixtures on trees, railings or other wood surfaces. For use with low voltage fixtures only.

Specify finish (BK, BZ, CS, VE, WT)



### TM05

3-7/8" x 2" (98mm x 51mm)

Rectangular tree/surface mount with self-contained wiring compartment and through wiring passages. For use with low voltage fixtures only.

Specify finish (BK, BZ, CS, VE, WT)



### TM04

2-1/2" x 4-1/4" (64mm x 108mm)

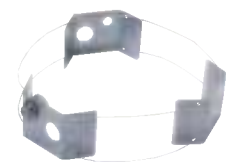
Expanding tree strap with self-adjusting tension release for use with one low voltage fixture. Specify finish (BZ, NSS)



### TM04-2

2-1/2" x 4-1/4" (64mm x 108mm)

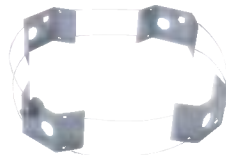
Expanding tree strap with self-adjusting tension release for use with two low voltage fixtures. Specify finish (BZ, NSS)



### TM04-3

2-1/2" x 4-1/4" (64mm x 108mm)

Expanding tree strap with self-adjusting tension release for use with three low voltage fixtures. Specify finish (BZ, NSS)



### TM04-4

2-1/2" x 4-1/4" (64mm x 108mm)

Expanding tree strap with self-adjusting tension release for use with four low voltage fixtures. Specify finish (BZ, NSS)



### TS01

3-3/4" x 30" dia. (max.) (95mm x 762mm)

Adjustable tree strap for use with one line voltage or low voltage fixture.

Specify finish (BK, BZ, CS, VE, WT)



### TS01-2

3-3/4" x 30" dia. (max.) (95mm x 762mm)

Adjustable tree strap for use with two line voltage or low voltage fixtures.

Specify finish (BK, BZ, CS, VE, WT)



### TS01-3

3-3/4" x 30" dia. (max.) (95mm x 762mm)

Adjustable tree strap for use with three line voltage or low voltage fixtures.

Specify finish (BK, BZ, CS, VE, WT)



## HID Ballast / Mounting Configurations

Lumière offers a variety of HID ballast/mounting solutions to satisfy almost any design challenge. Each includes a watertight, corrosion-resistant ballast housing and ballast. See the following pages for configurations and dimensions. See fixture specification sheets for other details.

### ELECTRONIC

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#### ELMWM

Fixture mounts to wall-mounted electronic ballast/mini-housing, over J-box

#### ELMSM

Fixture mounts to wall-mounted electronic ballast/mini-housing, bottom conduit entry

#### ELMTS

Fixture mounts to electronic ballast/mini-housing, strapped to tree

#### ELMB

Fixture mounts to inground electronic ballast/housing

#### ELMBR

Fixture mounts to flat surface (any orientation), remote inground electronic ballast/housing

#### ELSM

Fixture mounts to wall-mounted electronic ballast/housing, bottom conduit entry

#### ELWM

Fixture mounts to wall-mounted electronic ballast/housing, over J-box

#### ELWR

Fixture mounts to flat surface (any orientation), remote electronic ballast/housing

#### ELTS

Fixture mounts to electronic ballast/housing, strapped to tree

#### ELTSR

Fixture strapped to tree, remote inground electronic ballast/housing

#### ELTSR2

Fixture strapped to tree, remote electronic ballast/housing strapped to tree

### CORE & COIL

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#### MB

Fixture mounts to inground core & coil ballast/housing

#### MBR

Fixture mounts to flat surface (any orientation), remote inground core & coil ballast/housing

#### SM

Fixture mounts to wall-mounted core & coil ballast/housing, bottom conduit entry

#### WM

Fixture mounts to wall-mounted core & coil ballast/housing, over J-box

#### WR

Fixture mounts to flat surface (any orientation), remote core & coil ballast/housing

#### TS

Fixture mounts to core & coil ballast/housing, strapped to tree

#### TSR

Fixture strapped to tree, remote inground core & coil ballast/housing

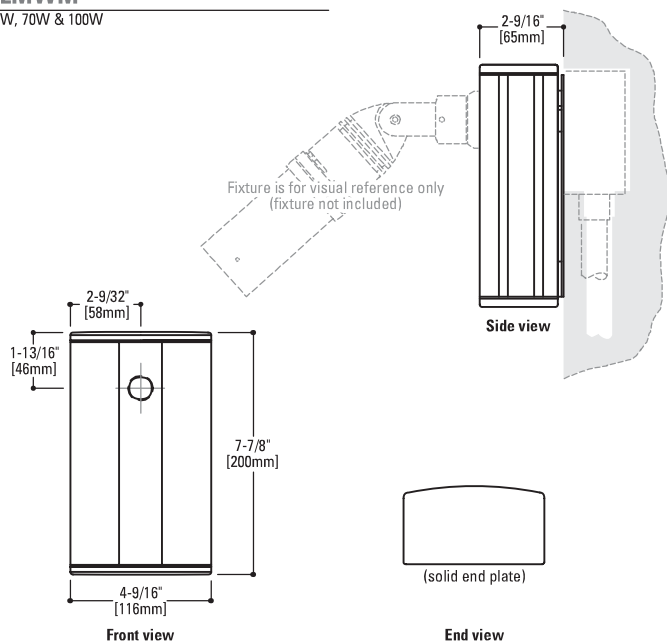
#### TSR2

Fixture strapped to tree, remote core & coil ballast/housing strapped to tree

# HID BALLAST / MOUNTING

## ELMWM

39W, 70W & 100W



### DESCRIPTION: ELMWM

39-watt, 70-watt or 100-watt (specify) HID fixture (not included) mounts to wall-mounted electronic ballast/mini-housing, over J-box (120/277V).

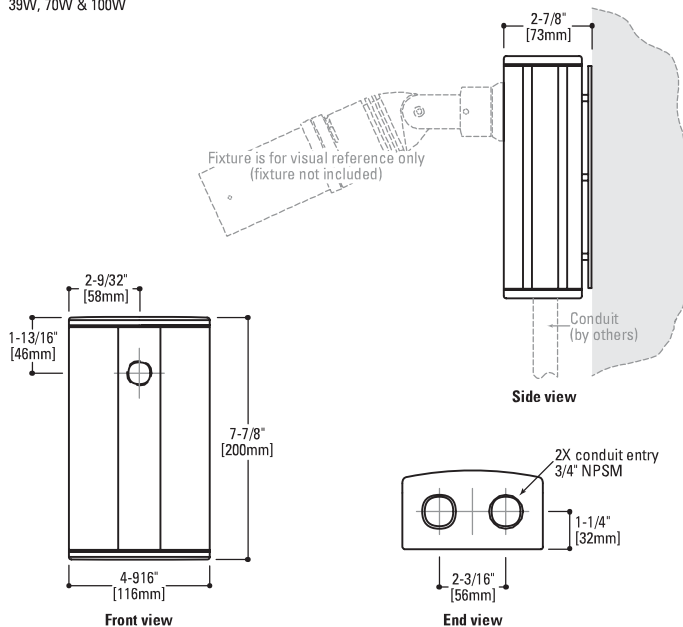
Specify voltage.

### CONSTRUCTION

Housing is constructed from extruded aluminum. Specify finish (BK, BZ, CS, VE, WT).

## ELMSM

39W, 70W & 100W



### DESCRIPTION: ELMSM

39-watt, 70-watt or 100-watt (specify) HID fixture (not included) mounts to wall-mounted electronic ballast/mini-housing, bottom conduit entry (120/277V).

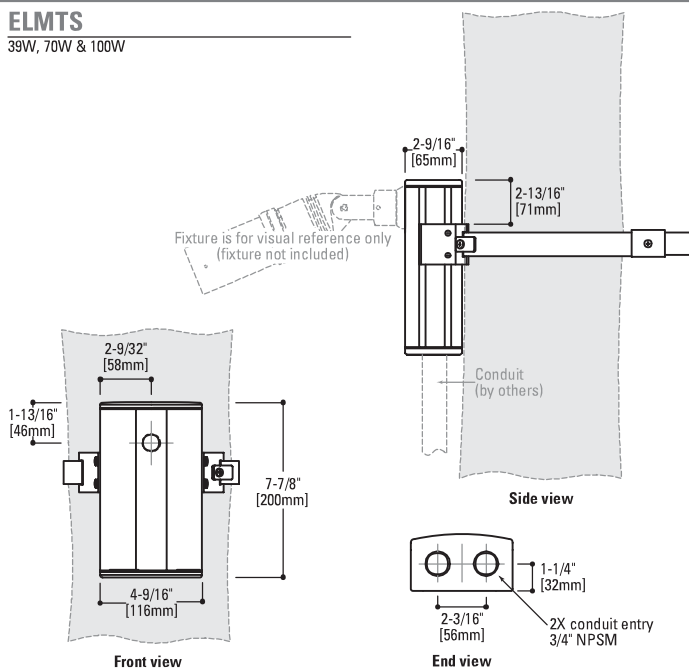
Specify voltage.

### CONSTRUCTION

Housing is constructed from extruded aluminum. Specify finish (BK, BZ, CS, VE, WT).

## ELMTS

39W, 70W & 100W



### DESCRIPTION: ELMTS

39-watt, 70-watt or 100-watt (specify) HID fixture (not included) mounts to electronic ballast/mini-housing, strapped to tree (120/277V).

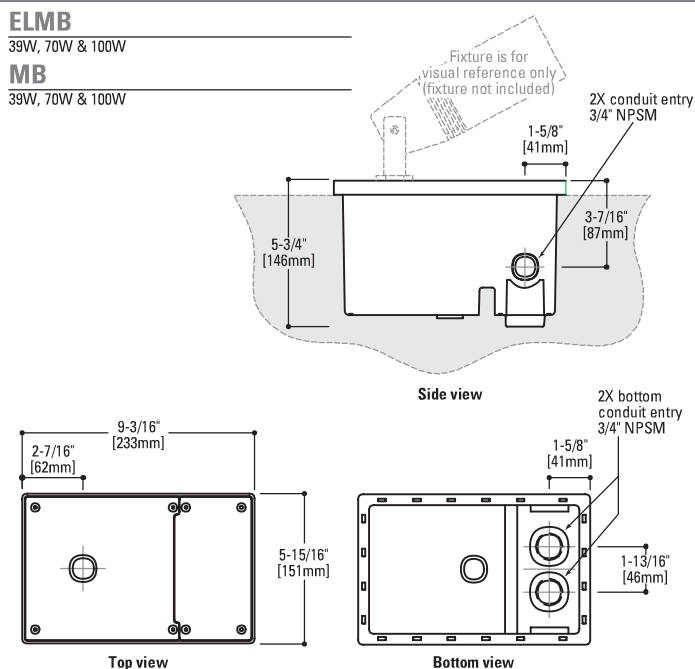
Specify voltage and dimensions.

### CONSTRUCTION

Housing is constructed from extruded aluminum. Specify finish (BK, BZ, CS, VE, WT).

## ELMB

39W, 70W & 100W



### DESCRIPTION: ELMB

39-watt, 70-watt or 100-watt (specify) HID fixture (not included) mounts to inground electronic ballast/housing (120/277V).

### DESCRIPTION: MB

39-watt, 70-watt or 100-watt (specify) HID fixture (not included) mounts to inground core & coil ballast/housing (120/208/240/277/347V).

Specify voltage.

### CONSTRUCTION

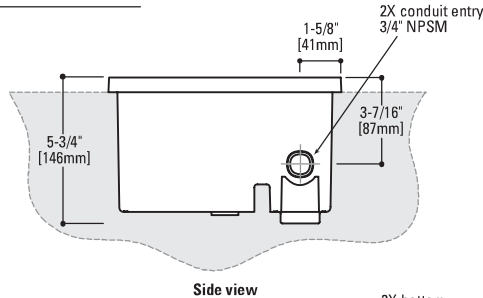
Housing is constructed from corrosion-proof black composite.

## ELMBR

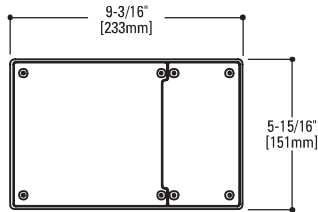
39W, 70W & 100W

## MBR

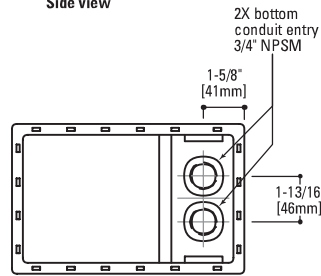
39W, 70W & 100W



Side view



Top view



Bottom view

### DESCRIPTION: ELMBR

39-watt, 70-watt or 100-watt (specify) HID fixture (not included) mounts to flat surface (any orientation), remote inground electronic ballast/housing (120/277V).

### DESCRIPTION: MBR

39-watt, 70-watt or 100-watt (specify) HID fixture (not included) mounts to flat surface (any orientation), remote inground core & coil ballast/housing (120/208/240/277/347V).

Specify voltage.

### CONSTRUCTION

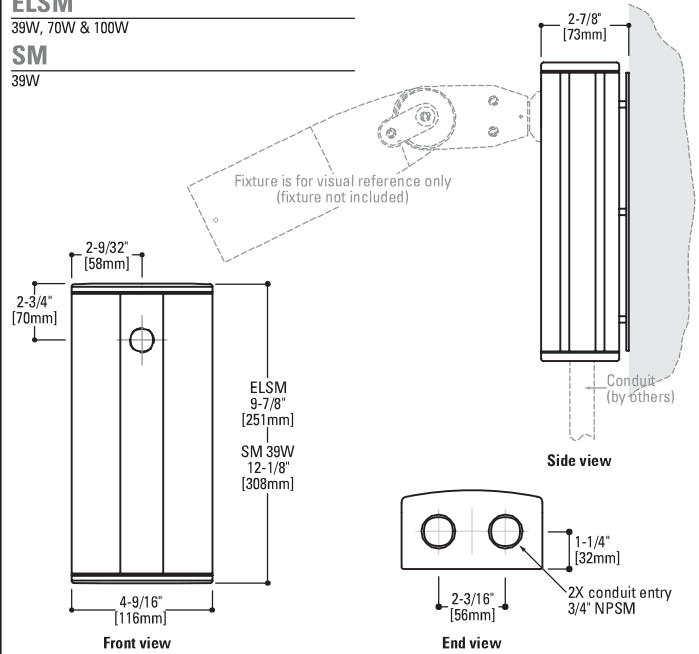
Housing is constructed from corrosion-proof black composite.

## ELSM

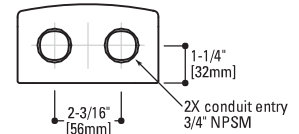
39W, 70W & 100W

## SM

39W



Front view



End view

### DESCRIPTION: ELSM

39-watt, 70-watt or 100-watt (specify) HID fixture (not included) mounts to wall-mounted electronic ballast/housing, bottom conduit entry (120/277V).

### DESCRIPTION: SM

39-watt HID fixture (not included) mounts to wall-mounted core & coil ballast/housing, bottom conduit entry (120/208/240/277/347V).

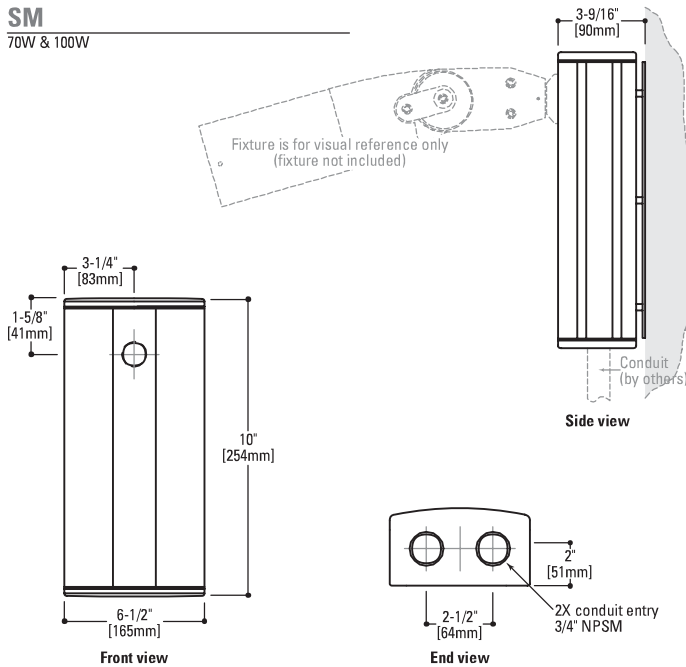
Specify voltage.

### CONSTRUCTION

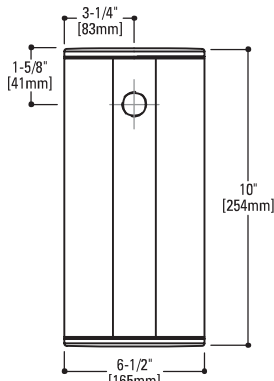
Housing is constructed from extruded aluminum. Specify finish (BK, BZ, CS, VE, WT).

## SM

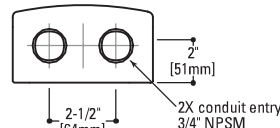
70W & 100W



Side view



Front view



End view

### DESCRIPTION: SM

70-watt or 100-watt (specify) HID fixture (not included) mounts to wall-mounted core & coil ballast/housing, bottom conduit entry (120/208/240/277/347V).

Specify voltage.

### CONSTRUCTION

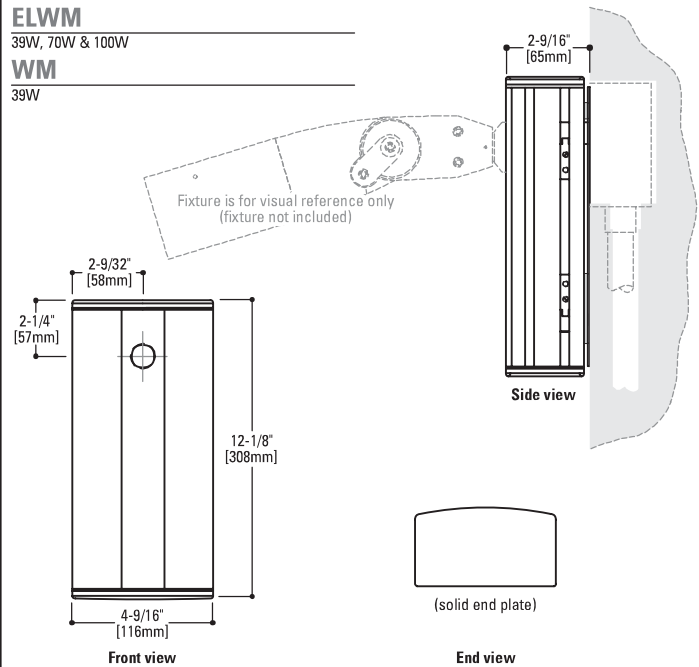
Housing is constructed from extruded aluminum. Specify finish (BK, BZ, CS, VE, WT).

## ELWM

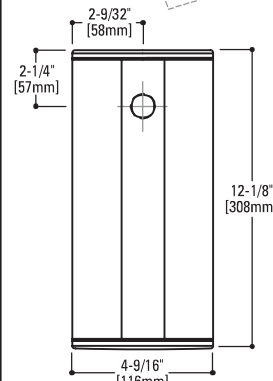
39W, 70W & 100W

## WM

39W



Side view



Front view



End view

### DESCRIPTION: ELWM

39-watt, 70-watt or 100-watt (specify) HID fixture (not included) mounts to wall-mounted electronic ballast/housing, over J-box (120/277V).

### DESCRIPTION: WM

39-watt HID fixture (not included) mounts to wall-mounted core & coil ballast/housing, over J-box (120/208/240/277/347V).

Specify voltage.

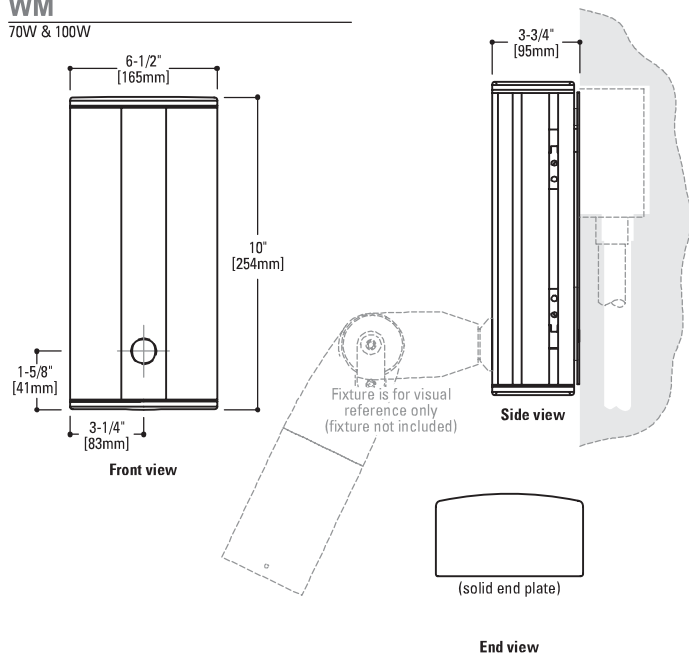
### CONSTRUCTION

Housing is constructed from extruded aluminum. Specify finish (BK, BZ, CS, VE, WT).

# HID BALLAST / MOUNTING

## WM

70W & 100W



### DESCRIPTION: WM

70-watt or 100-watt (specify) HID fixture (not included) mounts to wall-mounted core & coil ballast/housing, over J-box (120/208/240/277/347V).

Specify voltage.

### CONSTRUCTION

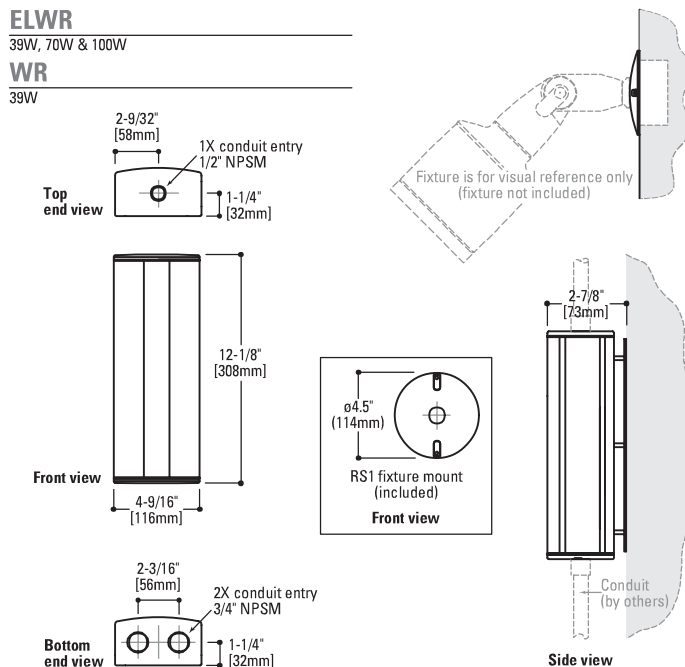
Housing is constructed from extruded aluminum. Specify finish (BK, BZ, CS, VE, WT).

## ELWR

39W, 70W & 100W

## WR

39W



### DESCRIPTION: ELWR

39-watt, 70-watt or 100-watt (specify) HID fixture (not included) mounts to flat surface (any orientation), remote electronic ballast/housing (120/277V).

### DESCRIPTION: WR

39-watt HID fixture (not included) mounts to flat surface (any orientation), remote core & coil ballast/housing (120/208/240/277/347V).

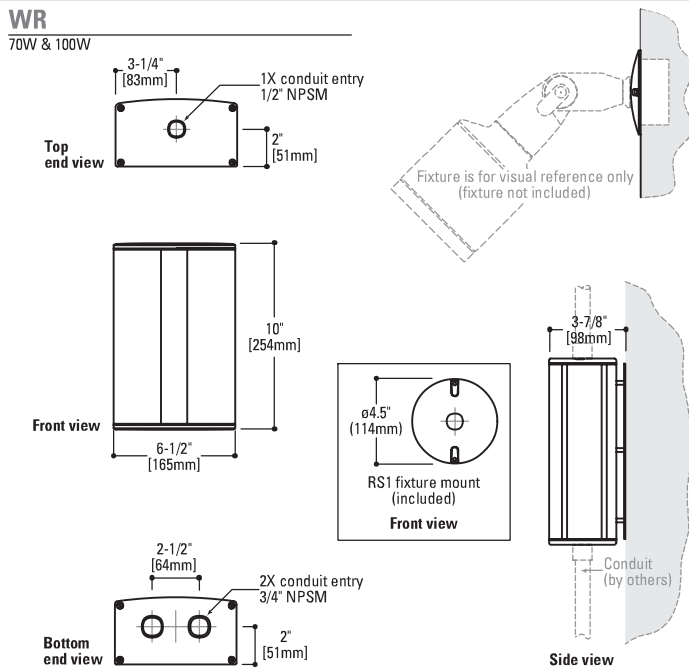
Specify voltage.

### CONSTRUCTION

Housing is constructed from extruded aluminum. Specify finish (BK, BZ, CS, VE, WT).

## WR

70W & 100W



### DESCRIPTION: WR

70-watt or 100-watt HID fixture (not included) mounts to flat surface (any orientation), remote core & coil ballast/housing (120/208/240/277/347V).

Specify voltage.

### CONSTRUCTION

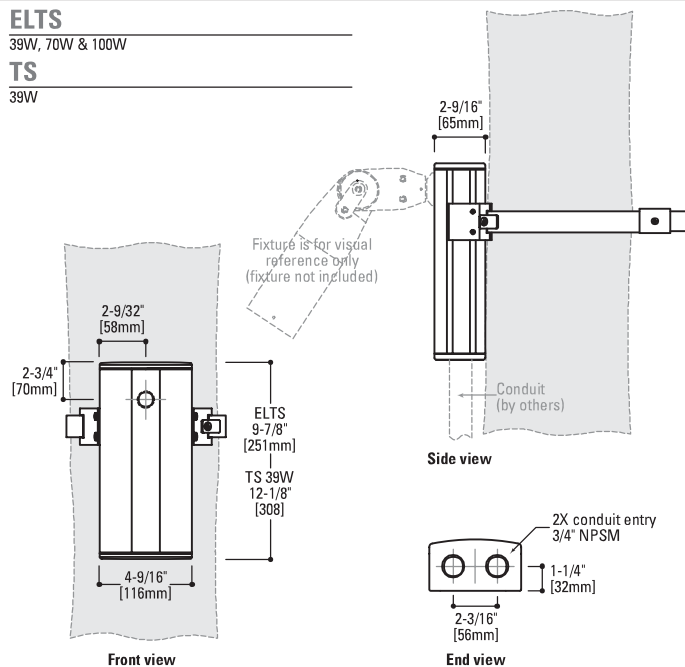
Housing is constructed from extruded aluminum. Specify finish (BK, BZ, CS, VE, WT).

## ELTS

39W, 70W & 100W

## TS

39W



### DESCRIPTION: ELTS

39-watt, 70-watt or 100-watt (specify) HID fixture (not included) mounts to electronic ballast/housing, strapped to tree (120/277V).

### DESCRIPTION: TS

39-watt HID fixture (not included) mounts to core & coil ballast/housing, strapped to tree (120/208/240/277/347V).

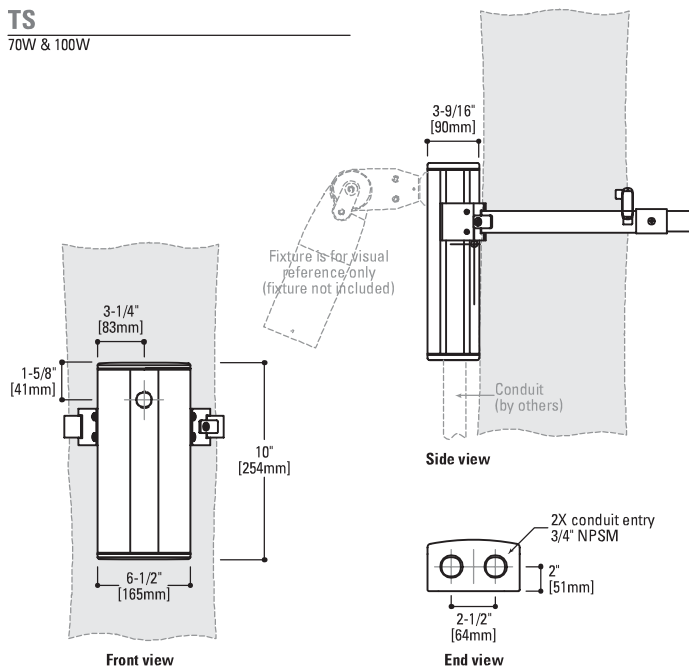
Specify voltage.

### CONSTRUCTION

Housing is constructed from extruded aluminum. Specify finish (BK, BZ, CS, VE, WT).

## TS

70W & 100W



### DESCRIPTION: TS

70-watt or 100-watt (specify) HID fixture (not included) mounts to core & coil ballast/housing, strapped to tree (120/208/240/277/347V).

Specify voltage.

### CONSTRUCTION

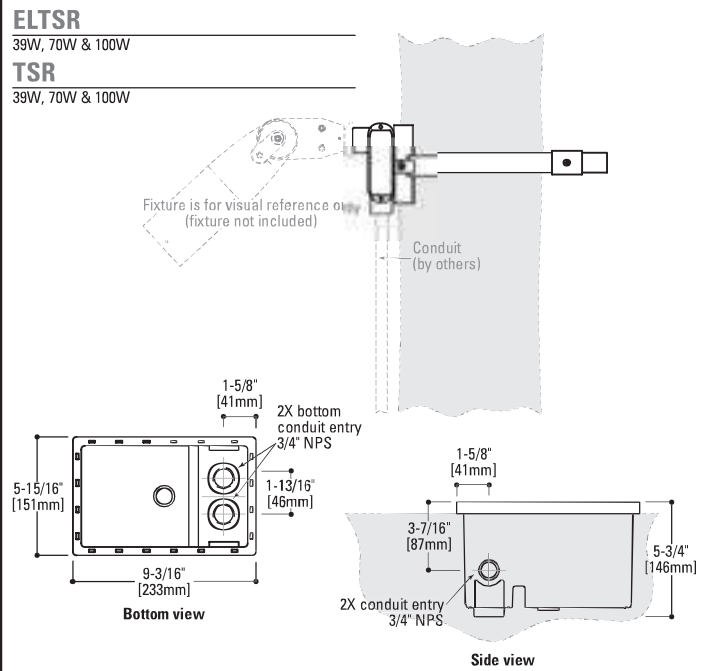
Housing is constructed from extruded aluminum. Specify finish (BK, BZ, CS, VE, WT).

## ELTSR

39W, 70W & 100W

## TSR

39W, 70W & 100W



### DESCRIPTION: ELTSR

39-watt, 70-watt or 100-watt (specify) HID fixture (not included) strapped to tree, remote inground electronic ballast/housing (120/277V).

### CONSTRUCTION

Housing is constructed from corrosion-proof black composite.

### DESCRIPTION: TSR

39-watt, 70-watt or 100-watt (specify) HID fixture (not included) strapped to tree, remote inground core & coil ballast/housing (120/208/240/277/347V).

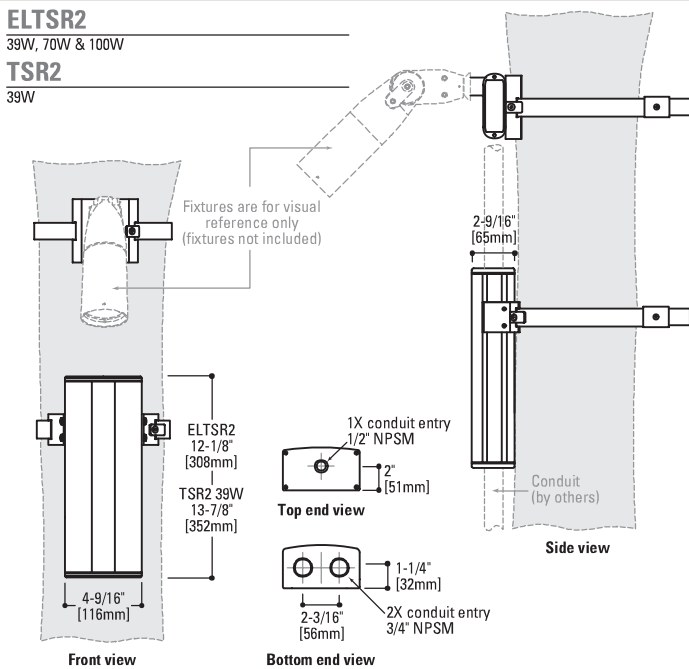
Specify voltage.

## ELTSR2

39W, 70W & 100W

## TSR2

39W



### DESCRIPTION: ELTSR2

39-watt, 70-watt or 100-watt (specify) HID fixture (not included) strapped to tree, remote electronic ballast/housing strapped to tree (120/277V).

### DESCRIPTION: TSR2

39-watt HID fixture (not included) strapped to tree, remote core & coil ballast/housing, strapped to tree (120/208/240/277/347V).

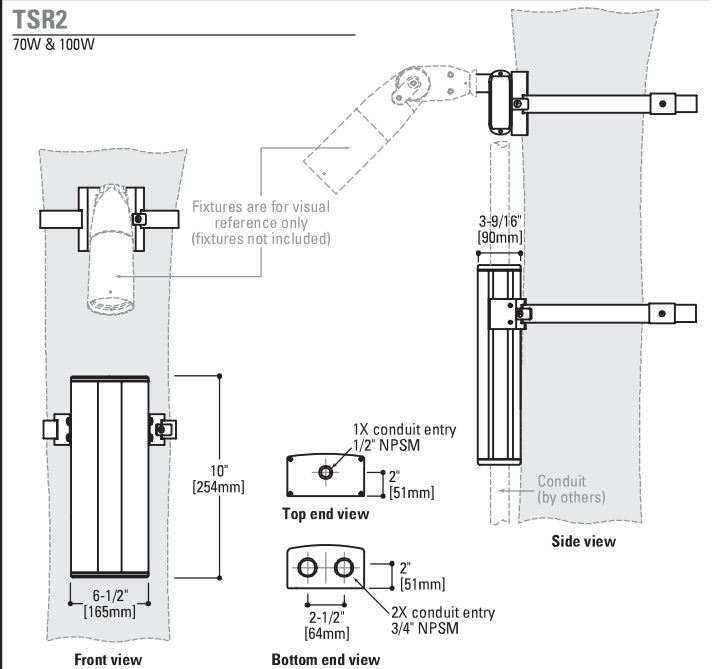
Specify voltage.

### CONSTRUCTION

Housing is constructed from extruded aluminum. Specify finish (BK, BZ, CS, VE, WT).

## TSR2

70W & 100W



### DESCRIPTION: TSR2

70-watt or 100-watt (specify) HID fixture (not included) strapped to tree, remote core & coil ballast/housing strapped to tree (120/208/240/277/347V).

Specify voltage.

### CONSTRUCTION

Housing is constructed from extruded aluminum. Specify finish (BK, BZ, CS, VE, WT).

# LOW VOLTAGE CABLE &

TRANSFORMERS REDUCE LINE VOLTAGE TO 12 VOLTS FOR USE WITH LUMIÈRE LOW VOLTAGE FIXTURES.

Transformers are available in four basic types:

- Hard wire installation – Standard outdoor low voltage lighting transformer for hard wiring direct to conduit.
- Cord and plug – Plug in directly to existing outlets, for ease of installation. Also available with a built in timer.
- Inground – Low profile inground installation for reduced visual impact and increased flexibility.
- Compact solid state electronic transformers – For use in approved housings or boxes.

## Transformer Selection

The total wattage of all lamps used must not exceed the rating of the transformer selected for the installation. For example, a 150VA (VA = watts) transformer cannot power four fixtures with 50 watt lamps.

The transformer selected should match the total lamp wattage as closely as possible. It is good practice to use at least 33 to 50 percent, and no more than 85 to 90 percent, of the transformer's rated capacity.

Make sure that the transformer selected reduces the appropriate line voltage. For example, do not use a 120 to 12 volt transformer with a 277 volt system. Lumière Atlantis series fixtures (model 1407 - 1409) must be used with model T300, which is approved for use in pool and spa type applications.

Transformers must be installed in accordance with local and national electrical codes and other rules, regulations and requirements.

## Voltage Drop

Resistance to electricity passing through electrical wiring causes the voltage at the end of a run of wire to be lower than the voltage at the transformer. This will cause fixtures at the end of a run to be noticeably dimmer than those closer to the transformer.

The factors affecting voltage drop are the total wattage of lamps on the run, the length of the run and the gauge of the wire.

There are several ways to minimize the impact of voltage drop:

- Use larger gauge cable
- Shorten cable runs
- Use lower wattage lamps
- Reduce the number of fixtures on the run
- Divide the fixtures over more runs from the transformer
- Use multiple transformers

### VOLTAGE DROP FORMULA

$$\frac{\text{Total watts on cable} \times \text{length of run}}{\text{Cable size constant}} = \text{Voltage Drop}$$

### CABLE SIZE CONSTANT CHART\*

Cable size	#18	#16	#14	#12	#10	#8	#6
Cable constant	1380	2200	3500	7500	11,920	18,960	30,150

Voltage drop is not always bad.

For example, dropping voltage at the lamp to 11.5 volts will give 80% of the lamp's rated candlepower, and double the rated life of the lamp. This is acceptable in most applications, and will result in lower maintenance costs.

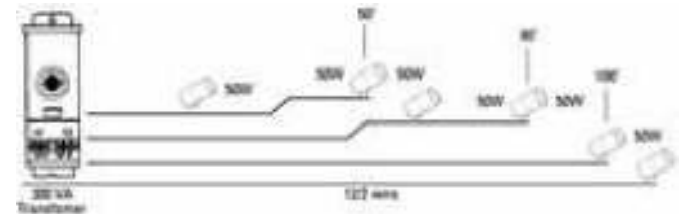
The accompanying chart demonstrates how voltage at the lamp affects rated lamp life and rated candlepower:

### VOLTAGE DROP CHART

Voltage at lamp	Life expectancy of lamp	% of rated candlepower
13.2	2/3 rated life	350
12.6	3/4 rated life	180
12.0	as rated	100
11.5	2X rated life	80
11.0	3X rated life	74
10.5	5X rated life	65
10.0	9X rated life	50

## Sample Landscape Lighting Installation

We recommend using 12/2 or larger inground stranded cable. To control voltage drop, for each 100 watts allowed, use 100 feet of wire, maximum, to stay at approximately 10 volts at the end of the run. For example, a 300 watt (300VA) transformer may have three separate runs with 100' maximum on each run. This is standard procedure for low voltage installations. Any setup within these parameters will maintain sufficient lumen output. (Provided as an example only — output requirements may vary depending on individual situations and preferences.)



## Transformers for Hard Wire Installation (120 to 12 Volt)

- Core and coil construction
- Pre-wired primary and secondary
- Secondary protection
- Potted for quiet operation and long life
- Case 3R outdoor listed

MODEL	DESCRIPTION
T50	50VA Wet listed low voltage lighting transformer for hard wire installation
T100	100VA Wet listed low voltage lighting transformer for hard wire installation
T150	150VA Wet listed low voltage lighting transformer for hard wire installation
T250	250VA Wet listed low voltage lighting transformer for hard wire installation
T300	300VA Wet listed low voltage lighting transformer for hard wire installation (Model T300 is approved for use with underwater lighting fixtures)
T500	500VA Wet listed low voltage lighting transformer for hard wire installation
T750	750VA Wet listed low voltage lighting transformer for hard wire installation
T1000	1000VA Wet listed low voltage lighting transformer for hard wire installation

## Transformers for Hard Wire Installation (277 to 12 Volt)

- Core and coil construction
- Pre-wired primary and secondary
- Secondary protection
- Potted for quiet operation and long life
- Case 3R outdoor listed

MODEL	DESCRIPTION
TC300	300VA Wet listed low voltage lighting transformer for hard wire installation
TC500	500VA Wet listed low voltage lighting transformer for hard wire installation
TC750	750VA Wet listed low voltage lighting transformer for hard wire installation

## Inground Transformer (120 to 12 Volt)

- Core and coil construction
- Corrosion-proof composite material for inground installation
- Removable lid
- O-ring seals to insure fixture durability and weatherability
- Potted to protect against moisture

Note: Do not bury inground transformers up to the top of the lid. Ensure that soil does not reach the bottom of the transformer's lid. Follow installation procedures for inground fixtures for proper operation.

MODEL	DESCRIPTION
T56	300VA wet listed low voltage transformer housed in composite container for inground installation

## Solid State Transformers (120 to 12 Volt)

- Quiet operation
- Small size
- High efficiency
- Epoxy seal to protect against damp conditions
- Ideal for use in listed J-Boxes or housings

MODEL	DESCRIPTION
T60	75VA solid state transformer
T61	60VA solid state transformer with 8' cord and plug
T65	150VA solid state transformer

## Transformers with Cords, Plugs & Timers (120 to 12 Volt)

- Core and coil construction
- Epoxy impregnated for quiet, cool operation
- Thermostat protection on primary
- Circuit breaker protection on secondary
- Electrostatic grounded shield between primary and secondary
- On-off switch
- 12 volt easy wiring strip
- Equipped with 6' line cord and 3 prong plug
- hard wiring capability

MODEL	DESCRIPTION
TR150	150VA wet listed outdoor transformer with 8' cord and plug
TR150T	150VA wet listed outdoor transformer with timer and 8' cord and plug
TR300	300VA wet listed outdoor transformer with 8' cord and plug
TR300T	300VA wet listed outdoor transformer with timer and 8' cord and plug
TR600	600VA wet listed outdoor transformer with 8' cord and plug
TR600T	600VA wet listed outdoor transformer with timer and 8' cord and plug
TR900	900VA wet listed outdoor transformer with 8' cord and plug
TR900T	900VA wet listed outdoor transformer with timer and 8' cord and plug
TRPC	Photo cell for use with TR300, TR300T, TR600, TR600T, TR900, TR900T

## Low Voltage Cable

Lumière offers 10, 12 and 16 gauge low voltage cable in various standard length rolls.

MODEL	DESCRIPTION
LW101	100' - 10 gauge, 2 conductor cable
LW105	500' - 10 gauge, 2 conductor cable
LW121	100' - 12 gauge, 2 conductor cable
LW125	500' - 12 gauge, 2 conductor cable
LW161	100' - 16 gauge, 2 conductor cable
LW162	1000' - 16 gauge, 2 conductor cable





## J-Boxes

Lumière offers junction boxes to meet virtually any landscape lighting application.



### DBY

2" x 2-5/8" (51mm x 67mm)  
Use with low voltage fixtures only

### DESCRIPTION

Direct burial, watertight wiring kit. For through wiring of low voltage cable. Constructed from injection-molded plastic.



### MB1

4-7/8" x 2" (124mm x 51mm)  
Use with line voltage or low voltage fixtures

### DESCRIPTION

Rectangular, above ground junction box for surface or recessed mounting. It accepts Lumière's FS1 or FS2 fixture mounting covers (not included). Constructed from die-cast aluminum. Specify finish (BK, BZ, CS, VE, WT)



### MBR1

ø4-1/8" x 1-5/8" (105mm x 41mm)  
Use with line voltage or low voltage fixtures

### DESCRIPTION

Round, above ground junction box for surface or recessed mounting. It accepts Lumière's RS1 or RS2 fixture mounting covers (not included). Constructed from die-cast aluminum. Specify finish (BK, BZ, CS, VE, WT)



### MB2

ø6-1/2" x 2-7/8" (165mm x 73mm)  
Use with line voltage or low voltage fixtures

### DESCRIPTION

Round, below grade junction box and cover for inground installation. Constructed from cast iron. Specify finish (BK, BZ, CS, VE, WT)



### MB3

ø3-11/16" x 3-11/16" (94mm x 94mm)  
Use with line voltage or low voltage fixtures

### DESCRIPTION

Round, below grade junction box and cover for inground installation. Constructed from cast aluminum. Specify finish (BK, BZ, CS, VE, WT)

On November 10, 2003 some Lumière model numbers changed. Use the guide below to cross old model numbers over to current model numbers.

OLD MODEL #	NEW MODEL #	CATALOG SECTION
200RS	200RS	Accent / Flood - Low Voltage
200TS	200TS	Accent / Flood - Low Voltage
201	201	Accent / Flood - Low Voltage
201-1	201-FL	Accent / Flood - Low Voltage
201-2	201-NBR	Accent / Flood - Low Voltage
201-3	201-CRS	Accent / Flood - Low Voltage
201-FM	201-FM	Accent / Flood - Low Voltage
201-XX	modification	Accent / Flood - Low Voltage
201-1-XX	modification	Accent / Flood - Low Voltage
203	203	Accent / Flood - Low Voltage
203-1	203-FL	Accent / Flood - Low Voltage
203-2	203-NBR	Accent / Flood - Low Voltage
203-3	203-CRS	Accent / Flood - Low Voltage
203-FM	203-FM	Accent / Flood - Low Voltage
203-XX	modification	Accent / Flood - Low Voltage
203-1-XX	modification	Accent / Flood - Low Voltage
204	204	Accent / Flood - Low Voltage
204-3	204-CRS	Accent / Flood - Low Voltage
205	205	Pathway
206	206	Pathway
211	201-DC	Accent / Flood - Low Voltage
211-1	201-FL-DC	Accent / Flood - Low Voltage
211-2	201-NBR-DC	Accent / Flood - Low Voltage
211-3	201-CRS-DC	Accent / Flood - Low Voltage
211-FM	201-FM-DC	Accent / Flood - Low Voltage
212	212	Accent / Flood - Low Voltage
213	213	Accent / Flood - Low Voltage
215	205-DC	Pathway
230	230	Accent / Flood - Low Voltage
231	231	Accent / Flood - Low Voltage
252	252	Accent / Flood - Low Voltage
253	252-FWC	Accent / Flood - Low Voltage
301	301	Accent / Flood - Line Voltage
353	obsolete - replaced by 355	Accent / Flood - Line Voltage
355	355	Accent / Flood - Line Voltage
403	403	Accent / Flood - Low Voltage & Wall / Sign
410	1510-MS	Pathway
450	450	Accent / Flood - HID & Wall / Sign
501	501-12	Bollards
501-18	501-18	Bollards
501-24	501-24	Bollards
502	obsolete	obsolete
502-18	obsolete	obsolete
502-24	obsolete	obsolete
503	obsolete	obsolete
503-18	obsolete	obsolete
503-24	obsolete	obsolete
504	504-12	Bollards
504-18	504-18	Bollards
504-24	504-24	Bollards
507	obsolete	obsolete
507-18	obsolete	obsolete
507-24	obsolete	obsolete
510	510-12	Bollards
510-18	510-18	Bollards
510-24	510-24	Bollards
602	602	Bollards
605	605	Bollards
608	obsolete	obsolete
612	612-NBR	Inground
612-1	612-BK	Inground
613	613-NBR	Inground
613-1	613-BK	Inground
615	615-NBR	Inground

OLD MODEL #	NEW MODEL #	CATALOG SECTION
615-1	615-BK	Inground
620	obsolete	obsolete
622	obsolete	obsolete
630	630	Inground
631	modification	Inground
632	632	Inground
633-120	633-120/12V	Inground
633-277	633-277/12V	Inground
634	634	Inground
635	635	Inground
636	636	Inground
637-120	637-120/12V	Inground
637-277	637-277/12V	Inground
641	obsolete	obsolete
691	obsolete	obsolete
710	710	Accent / Flood - HID
711	711	Accent / Flood - HID
712	712	Accent / Flood - HID
714	714	Wall
714-2	714-2	Wall
715	715	Wall
715-2	715-2	Wall
716	716	Wall
716-2	716-2	Wall
720	720	Accent / Flood - HID
730	730	Accent / Flood - HID
740	740	Accent / Flood - HID
750	obsolete- replaced by 6000 series	Inground
751	obsolete- replaced by 6000 series	Inground
802	obsolete	obsolete
803	803	Accent / Flood - Line Voltage
806	806	Accent / Flood - Line Voltage
806-XX	modification	Accent / Flood - Line Voltage
811	811	Accent / Flood - Line Voltage
811-XX	modification	Accent / Flood - Line Voltage
812	812	Accent / Flood - Line Voltage
812-XX	modification	Accent / Flood - Line Voltage
813	813	Accent / Flood - Line Voltage
820	820	Accent / Flood - Line Voltage
830	830	Accent / Flood - Line Voltage
840	840	Accent / Flood - Line Voltage
901	901	Wall
901-2	901-2	Wall
903	903	Wall
903-2	903-2	Wall
904	904	Wall
904-2	904-2	Wall
911	901-DC	Wall
911-2	901-2-DC	Wall
912	912	Wall
912-2	912-2	Wall
913	913	Wall
913-2	913-2	Wall
914	914	Wall
914-2	914-2	Wall
920	920	Wall / Sign
921	obsolete replaced by 922	Wall / Sign
921-XX	obsolete replaced by 922	Wall / Sign
922	922	Wall / Sign
922-XX	modification	Wall / Sign
1001	obsolete	obsolete

# CROSS REFERENCE

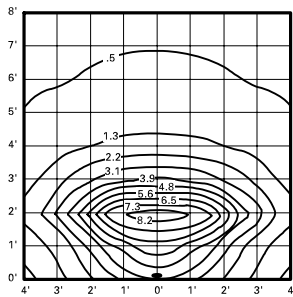
OLD MODEL #	NEW MODEL #	CATALOG SECTION
1002	obsolete	obsolete
1003	obsolete	obsolete
1004	obsolete	obsolete
1201	1201-LA	Step
1201-1	1201-OA	Step
1203	1203	Step
1204	1204	Step
1206	1206	Step
1211	1211-LP-CF9	Step
1211IC	1211-LP-CF9-IC	Step
1211-1	1211-OP-CF9	Step
1211-1IC	1211-OP-CF9-IC	Step
1211-4	1211-LA-CF9	Step
1211IC-4	1211-LA-CF9-IC	Step
1211-1-4	1211-OA-CF9	Step
1211-1IC-4	1211-OA-CF9-IC	Step
1211-3	1211-LP-CF13	Step
1211-3IC	1211-LP-CF13-IC	Step
1211-3-1	1211-OP-CF13	Step
1211-3-1IC	1211-OP-CF13-IC	Step
1211-3-4	1211-LA-CF13	Step
1211-3IC-4	1211-LA-CF13-IC	Step
1211-3-1-4	1211-OA-CF13	Step
1211-3-1IC-4	1211-OA-CF13-IC	Step
1212	1212-LP-INC20	Step
1212-1	1212-OP-INC20	Step
1212-4	1212-LA-INC20	Step
1212-1-4	1212-OA-INC20	Step
1213	1212-LP-INC18	Step
1213-1	1212-OP-INC18	Step
1213-4	1212-LA-INC18	Step
1213-1-4	1212-OA-INC18	Step
1407	1407	Specialty / Underwater
1408	1408	Specialty / Underwater
1409	1409	Specialty / Underwater
1501	obsolete	obsolete
1502	1502	Pathway
1503	1503	Pathway
1504	1503-INC18	Pathway
1505	obsolete	obsolete
1506	1507-INC18	Pathway
1507	1507-20T4	Pathway
1510	1510-35T4	Pathway
1511	1510-INC18	Pathway
1512	1503-50T4	Pathway
1513-2	206-2	Pathway
1513-4	206-4	Pathway
1601	obsolete	obsolete
1701	1701	Specialty / Projectors
1702	1702	Specialty / Projectors
1704	1704	Specialty / Projectors
1800	1800-36-MH39PAR20	Bollards
1805	1800-48-MH39T6	Bollards
1826	1800-36-CF26	Bollards
1826	1800-36-CF32	Bollards
1826	1800-36-CF42	Bollards
1827	1800-24-CF26	Bollards
1827	1800-24-CF32	Bollards
1827	1800-24-CF42	Bollards
1828	1800-48-CF26	Bollards
1828	1800-48-CF32	Bollards
1828	1800-48-CF42	Bollards
1851	1800-36-50MR16	Bollards
1852	1800-36-50PAR20	Bollards
1853	1800-24-50MR16-IT	Bollards

OLD MODEL #	NEW MODEL #	CATALOG SECTION
1854	1800-24-50PAR20	Bollards
1855	1800-48-20MR16	Bollards
1859	1800-24-50MR16	Bollards
1900	1900-OA-30-MH39PAR20	Bollards
1910	1900-OA-24-50MR16	Bollards
1911	1900-OA-30-50MR16	Bollards
1920	1900-OA-24-50MR16-IT	Bollards
1921	1900-OA-30-50MR16-IT	Bollards
1930	1900-IL-24-CF26	Bollards
1930	1900-IL-24-CF32	Bollards
1930	1900-IL-24-CF42	Bollards
1931	1900-IL-30-CF26	Bollards
1931	1900-IL-30-CF32	Bollards
1931	1900-IL-30-CF42	Bollards
1940	1900-AA-24-50MR16	Bollards
1941	1900-AA-30-50MR16	Bollards
1942	1900-AA-24-50MR16-IT	Bollards
1943	1900-AA-30-50MR16-IT	Bollards
1950	1900-AA-30-MH39PAR20	Bollards
2000RS	2000RS	Accent / Flood - Low Voltage
2000TS	2000TS	Accent / Flood - Low Voltage
2001	2001	Accent / Flood - HID
2002	2002	Accent / Flood - HID
2003	2003	Accent / Flood - Low Voltage
2004	2004	Accent / Flood - HID
9103	obsolete	obsolete

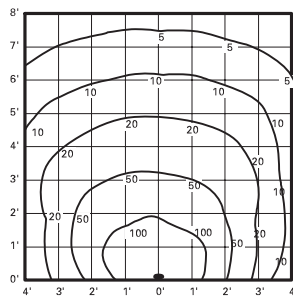
# PHOTOMETRICS

## ISO Footcandle Plots by Fixture

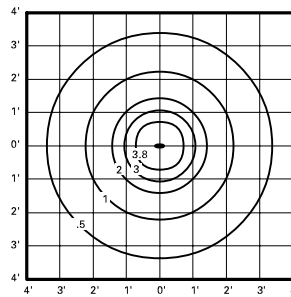
**CARMEL 403** Test No. H45033  
Lamp=20T4Q/UVS/CL/AX Lumens=330  
3° Off Wall 30° Aiming Angle



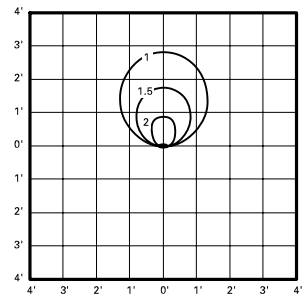
**CARMEL 450** Test No. 06850  
Lamp=20T4Q/UVS/CL/AX Lumens=6200  
3° Off Wall 30° Aiming Angle



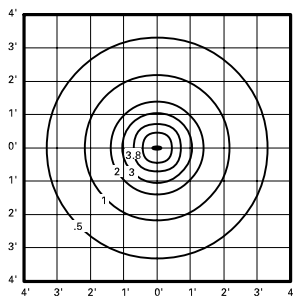
**TAHOE 501-12**  
Lamp=20MR16/FL Lumens=280



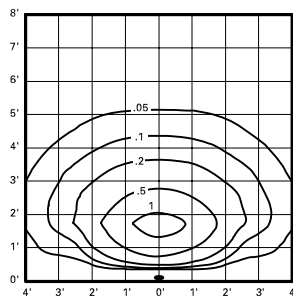
**TAHOE 504-12**  
Lamp=20MR16/FL Lumens=280



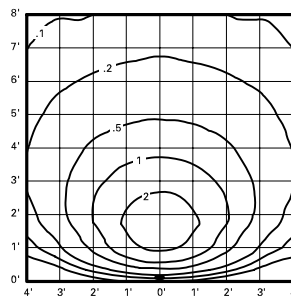
**TAHOE 510-12**  
Lamp=20MR16/FL Lumens=280



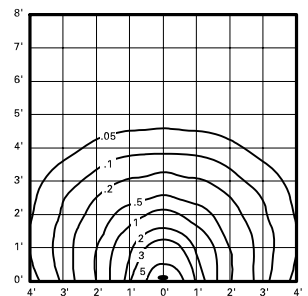
**ZUMA 1201-LA** Test No. H45006  
Lamp=20T4Q/UVS/CL/AX Lumens=330  
18" Mounting Height



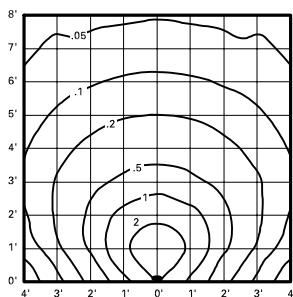
**ZUMA 1201-OA** Test No. H45005  
Lamp=20T4Q/UVS/CL/AX Lumens=330  
18" Mounting Height



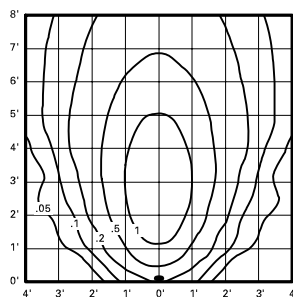
**ZUMA 1203** Test No. H45021  
Lamp=13T5 Lumens=264  
18" Mounting Height



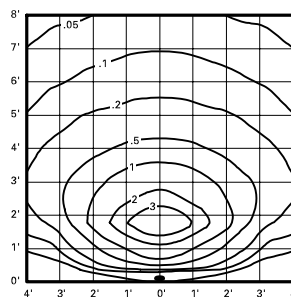
**ZUMA 1204** Test No. H45018  
Lamp=18S-8 Lumens=264  
18" Mounting Height



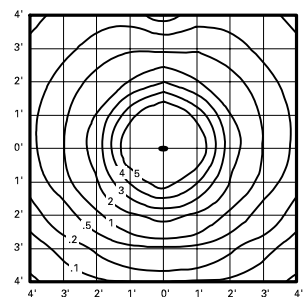
**ZUMA 1206** Test No. H45020  
Lamp=Q20MR16/FL Lumens=280  
18" Mounting Height



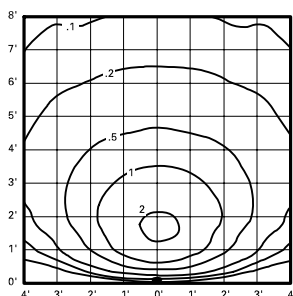
**ZUMA 1211-LP-CF13** Test No. H45009  
Lamp=F13TT Lumens=900  
18" Mounting Height



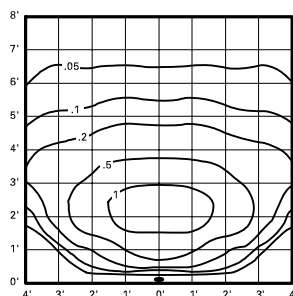
**ZUMA 1211-OP-CF13** Test No. H45010  
Lamp=F13TT Lumens=900  
18" Mounting Height



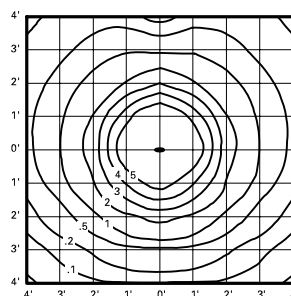
**ZUMA 1212-OP-INC18** Test No. H45002  
Lamp=(2) 18S-8 Lumens=264 each  
18" Mounting Height



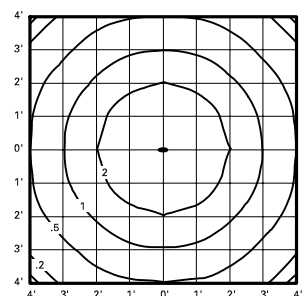
**ZUMA 1212-LP-INC18** Test No. H45001  
Lamp=(2) 18S-8 Lumens=264 each  
18" Mounting Height



**MAUI 1502** Test No. H45012  
Lamp=18S-8 Lumens=264

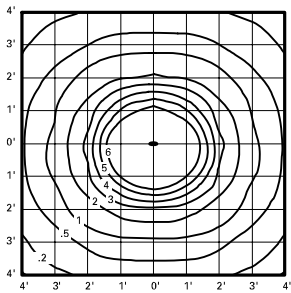


**MAUI 1503-INC18** Test No. H45016  
Lamp=18S-8 Lumens=264

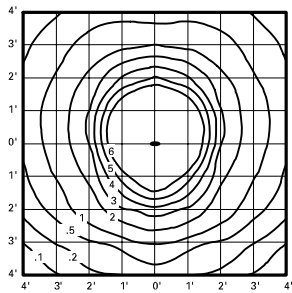


# Technical Data

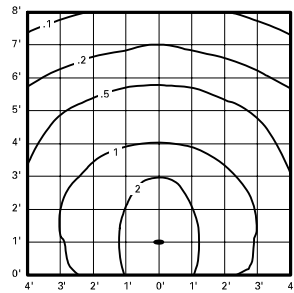
**MAUI 1503-CF5** Test No. H45017  
Lamp=F5TT Lumens=250



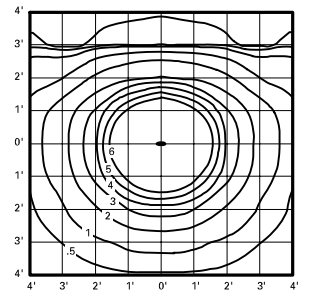
**MAUI 1507-INC18** Test No. H45029  
Lamp=185-8 Lumens=264



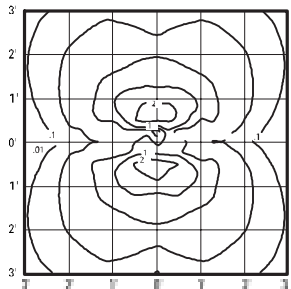
**MAUI 1510-20T4-MS** Test No. H45028  
Lamp=20T4Q/UVS/CL/AX Lumens=330



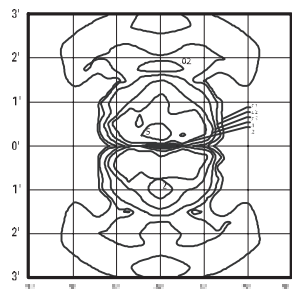
**MAUI 1510-20T4** Test No. H45028  
Lamp=20T4Q/UVS/CL/AX Lumens=330



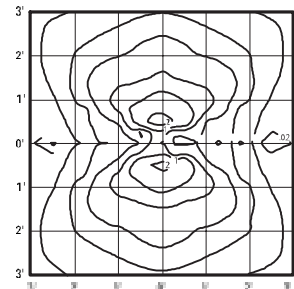
**SEDONA 1800-24-CF42**  
Lamp=42TTT



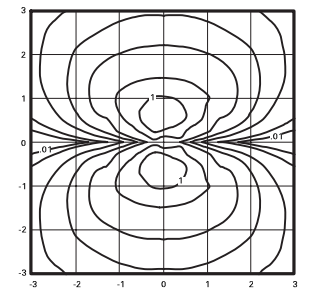
**SEDONA 1800-24-50PAR20**  
Lamp=50PAR20/SP



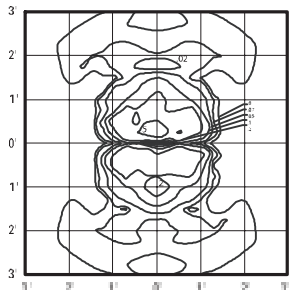
**SEDONA 1800-24-50MR16**  
Lamp=50MR16/NSP



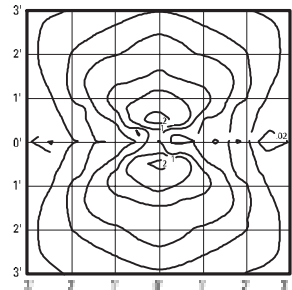
**SEDONA 1800-36-MH39PAR20**  
Lamp=CDM39PAR20/SP



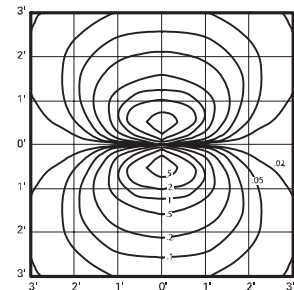
**SEDONA 1800-36-50PAR20**  
Lamp=50PAR20/SP



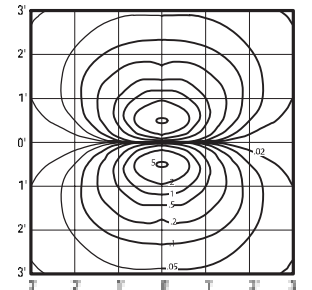
**SEDONA 1800-36-50MR16**  
Lamp=50MR16/NSP



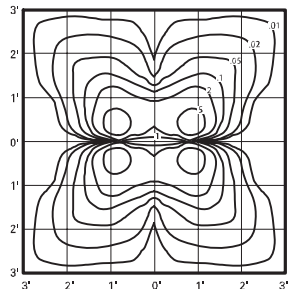
**SEDONA 1800-48-MH39T6**  
Lamp=CDM39/T6



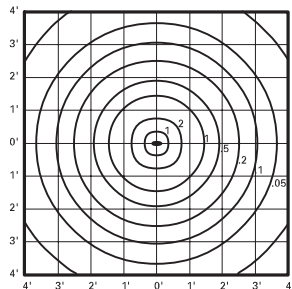
**SEDONA 1800-48-CF42**  
Lamp=42TTT



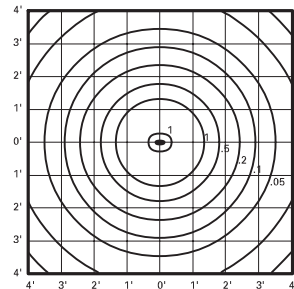
**SEDONA 1800-48-(2) 20MR16**  
Lamp=50MR16/NSP



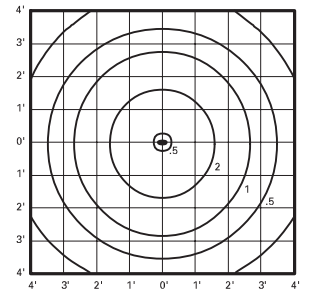
**ASPEN 1900-AA-30-MH39PAR20**  
Lamp=MH39PAR20/FL Lumens=2000



**ASPEN 1900-AA-24-50MR16**  
Lamp=50MR16 Lumens=950



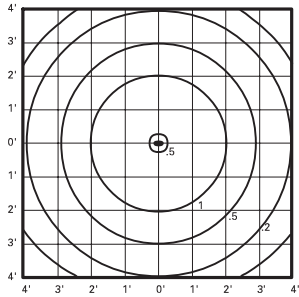
**ASPEN 1900-IL-24-CF26**  
Lamp=26TTT Lumens=1800



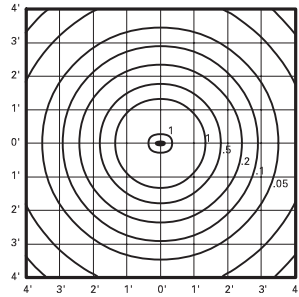
# PHOTOMETRICS

## ISO Footcandle Plots by Fixture

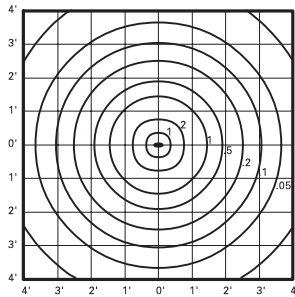
**ASPEN 1900-IL-30-CF26**  
Lamp=26T11 Lumens=1800



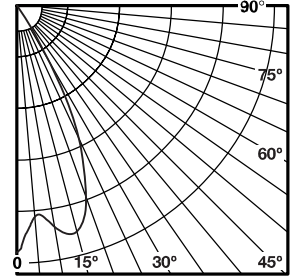
**ASPEN 1900-OA-24-50MR16**  
Lamp=50MR16 Lumens=950



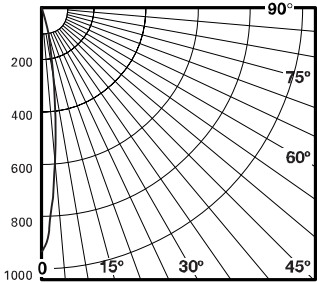
**ASPEN 1900-OA-30-MH39PAR20**  
Lamp=MH39PAR20/FL Lumens=2000



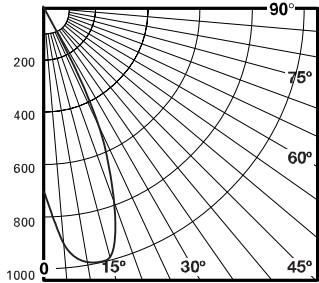
**MONACO 2001** Field adjustment:  
Lamp=CDM39/T6 Beam Angle=52.9°  
Wide Flood Field Angle=72.2°



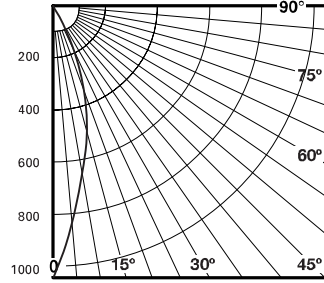
**MONACO 2001** Field adjustment:  
Lamp=CDM39/T6 Beam Angle=13.3°  
Narrow Beam Field Angle=34.5°



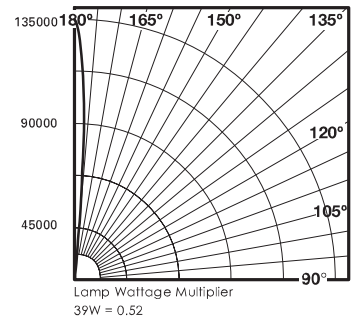
**MONACO 2002** Field adjustment:  
Lamp=CDM39/T4 Beam Angle=49°  
Wide Flood Field Angle=63°



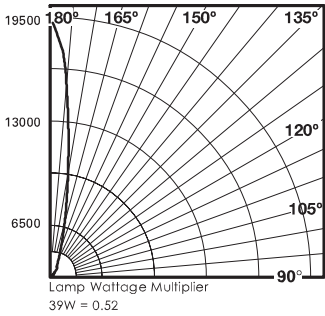
**MONACO 2002** Field adjustment:  
Lamp=CDM39/T4 Beam Angle=30°  
Narrow Beam Field Angle=51°



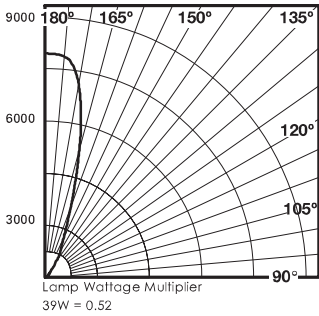
**MONACO 6000A / 6000N-MH70T4-SP**  
Lamp=CDM70/TC/830 Lamp Tilt=0°  
Lumens=6400  
Test No. 39436



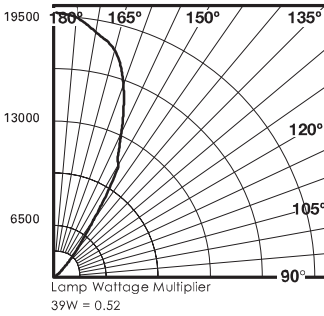
**MONACO 6000A / 6000N-MH70T4-NFL**  
Lamp=CDM70/TC/830 Lamp Tilt=0°  
Lumens=6400  
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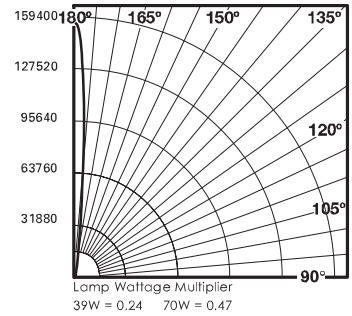
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Lamp=CDM70/TC/830 Lamp Tilt=0°  
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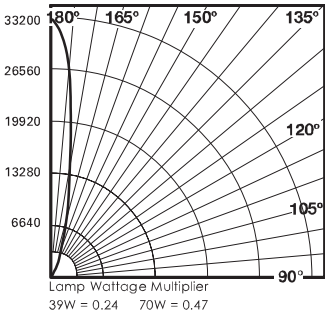
**MONACO 6000A / 6000N-MH70T4-WFL**  
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Lumens=6400  
Test No. 39446



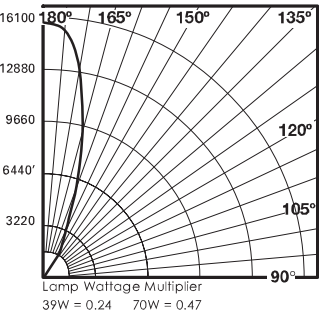
**MONACO 6000A / 6000N-MH150T6-SP**  
Lamp=CDM150/T6/830 Lamp Tilt=0°  
Lumens=14000  
Test No. 08782



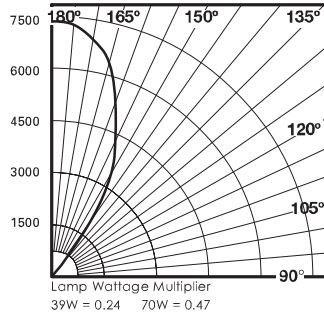
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Lamp=CDM150/T6/830 Lamp Tilt=0°  
Lumens=14000  
Test No. 08785



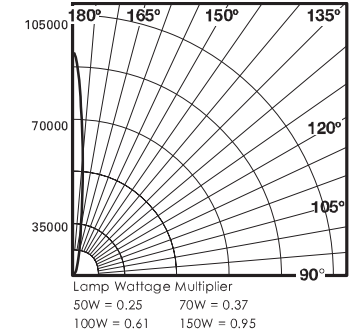
**MONACO 6000A / 6000N-MH150T6-MFL**  
Lamp=CDM150/T6/830 Lamp Tilt=0°  
Lumens=14000  
Test No. 08788



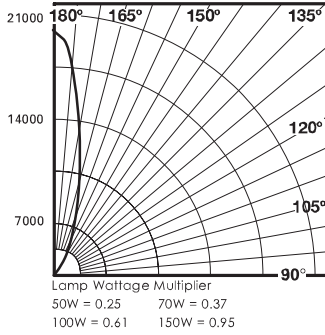
**MONACO 6000A / 6000N-MH150T6-WFL**  
Lamp=CDM150/T6/830 Lamp Tilt=0°  
Lumens=14000  
Test No. 08790



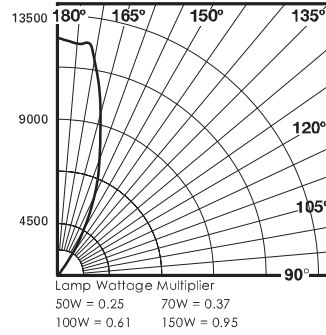
**MONACO 6000A / 6000N-MH175-SP**  
Lamp=MH175/U/R Lamp Tilt=0°  
Lumens=14000  
Test No. 39433



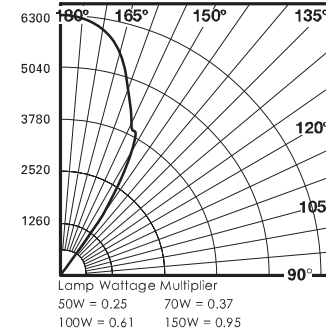
**MONACO 6000A / 6000N-MH175-NFL**  
 Lamp=MH175/U/R Lamp Tilt=0°  
 Lumens=14000  
 Test No. 39430



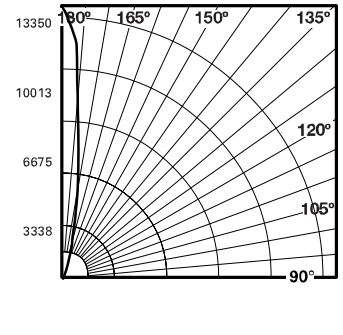
**MONACO 6000A / 6000N-MH175-MFL**  
 Lamp=MH175/U/R Lamp Tilt=0°  
 Lumens=14000  
 Test No. 39428



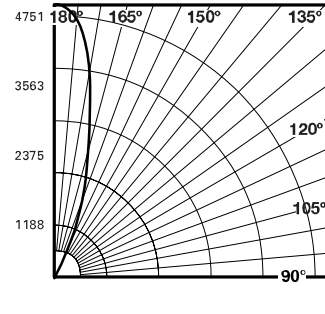
**MONACO 6000A / 6000N-MH175-WFL**  
 Lamp=M175/U/MED Lamp Tilt=0°  
 Lumens=14000  
 Test No. 08818



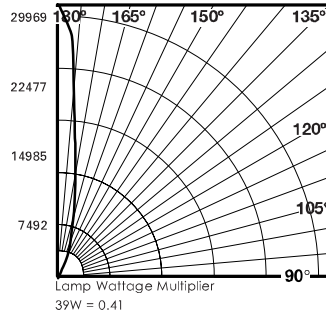
**MONACO 6002A / 6002N-MH39PAR20-SP**  
 Lamp=CDM35/PAR20/M/SP/3K Lamp Tilt=0°  
 Lumens=2000  
 Test No. 19050



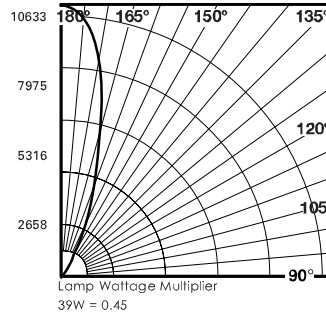
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 Lumens=2000  
 Test No. 19048



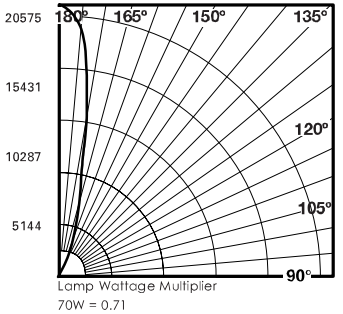
**MONACO 6002A / 6002N-MH70PAR30L-SP**  
 Lamp=CDM70/PAR30L/M/SP/3K Lamp Tilt=0°  
 Lumens=4850  
 Test No. 19052



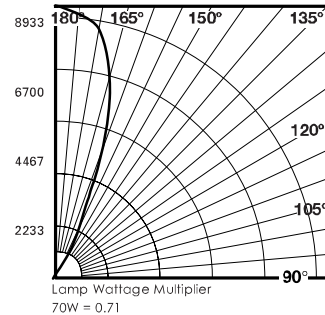
**MONACO 6002A / 6002N-MH70PAR30L-FL**  
 Lamp=CDM70/PAR30L/M/SP/3K Lamp Tilt=0°  
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 Test No. 19054



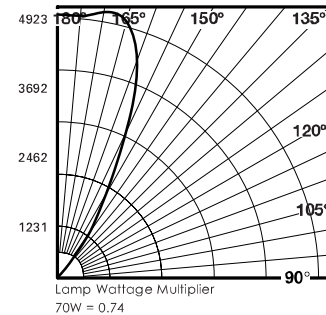
**MONACO 6002A / 6002N-MH100PAR38-SP**  
 Lamp=CDM100/PAR38/SP/3K Lamp Tilt=0°  
 Lumens=6800  
 Test No. 19000



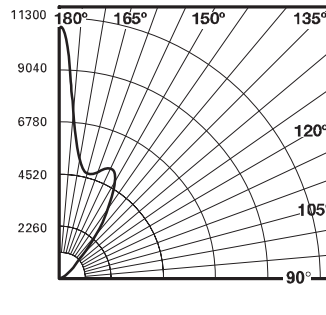
**MONACO 6002A / 6002N-MH100PAR38-FL**  
 Lamp=CDM100/PAR38/FL/3K Lamp Tilt=0°  
 Lumens=6800  
 Test No. 18998



**MONACO 6002A / 6002N-MH100PAR38-WFL**  
 Lamp=CMH100PAR38WFECO Lamp Tilt=0°  
 Lumens=6500  
 Test No. 18996



**MONACO 6002A / 6002N-MH175PAR38-WFL**  
 Lamp=MVR175/PAR38/FL1 Lamp Tilt=0°  
 Lumens=12000  
 Test No. 08815



# CONES OF LIGHT BY LAMP TYPE

## LOW VOLTAGE

Distance to Illuminated Plane      Initial Nadir Footcandles      Beam Diameter

20MR8/SP      CBCP=1700

15'0"	8	2'8"
10'0"	17	1'9"
8'0"	27	1'0"
6'0"	47	1'0"
4'0"	106	0'8"
2'0"	425	0'4"

35MR11/SP (FTE)      CBCP=8500

15'0"	20	3'0"
10'0"	60	2'0"
8'0"	94	1'6"
6'0"	167	1'0"
4'0"	375	1'0"
2'0"	1500	0'6"

50MR16/NSP (EXT)      CBCP=11,000

15'0"	45	4'0"
10'0"	102	3'0"
8'0"	159	2'0"
6'0"	283	1'6"
4'0"	638	1'0"
2'0"	2550	0'6"

50MR16/FL (EXN)      CBCP=2000

15'0"	7	12'0"
10'0"	17	8'0"
8'0"	27	6'6"
6'0"	48	5'0"
4'0"	106	3'0"
2'0"	431	1'6"

75MR16/NSP (EYF)      CBCP=12,300

15'0"	54	4'0"
10'0"	123	3'0"
8'0"	192	2'0"
6'0"	342	1'6"
4'0"	769	1'0"
2'0"	3075	0'6"

75MR16/FL (EYC)      CBCP=2100

15'0"	9	4'0"
10'0"	21	3'0"
8'0"	33	2'0"
6'0"	58	1'6"
4'0"	131	1'0"
2'0"	525	0'6"

240PAR56/MFL      CBCP=46,000

35'0"	37	12'0" x 5'0"
30'0"	51	10'0" x 4'0"
25'0"	74	8'0" x 3'6"
20'0"	115	6'6" x 3'0"
15'0"	204	5'0" x 2'0"
10'0"	460	3'6" x 1'6"

Distance to Illuminated Plane      Initial Nadir Footcandles      Beam Diameter

20MR8/NFL      CBCP=800

15'0"	4	6'1"
10'0"	8	4'1"
8'0"	13	3'3"
6'0"	22	2'5"
4'0"	50	1'8"
2'0"	200	0'10"

35MR11/FL (FTH)      CBCP=1500

15'0"	6	8'0"
10'0"	13	5'0"
8'0"	20	4'0"
6'0"	36	3'0"
4'0"	81	2'0"
2'0"	325	1'0"

50MR16/NFL (EXZ)      CBCP=3200

15'0"	13	10'0"
10'0"	29	6'6"
8'0"	45	5'0"
6'0"	81	4'0"
4'0"	181	2'6"
2'0"	725	1'0"

50MR16/WFL (FNV)      CBCP=1200

15'0"	5	17'0"
10'0"	11	11'6"
8'0"	17	9'0"
6'0"	30	7'0"
4'0"	67	4'6"
2'0"	269	2'0"

75MR16/NFL (EYJ)      CBCP=4600

15'0"	20	9'0"
10'0"	46	6'0"
8'0"	72	4'6"
6'0"	128	3'6"
4'0"	287	2'0"
2'0"	1150	1'0"

50PAR36/NSP      CBCP=11,000

25'0"	15	7'6"
20'0"	23	6'0"
15'0"	41	4'6"
12'0"	64	3'6"
10'0"	92	3'0"
8'0"	144	2'6"



# CONES OF LIGHT BY LAMP TYPE Technical Data

	Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter	Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
LINE VOLTAGE	50MR16/C/120V CBCP=800			50PAR20/NSP CBCP=5000		
	15'0"	3	12'0"	25'0"	8	10'0"
	10'0"	7	8'0"	20'0"	13	8'0"
	8'0"	11	6'6"	15'0"	23	6'0"
	6'0"	19	5'0"	12'0"	35	5'0"
	4'0"	42	3'0"	10'0"	50	4'0"
	2'0"	172	1'6"	8'0"	80	3'0"
	50PAR20/NFL CBCP=1400			75PAR30/NSP CBCP=14,000		
	25'0"	2	20'0"	25'0"	22	10'0"
	20'0"	3	16'0"	20'0"	35	8'0"
15'0"	6	12'0"	15'0"	62	6'0"	
12'0"	9	9'6"	12'0"	97	5'0"	
10'0"	13	8'0"	10'0"	140	4'0"	
8'0"	20	6'6"	8'0"	210	3'0"	
75PAR30/NFL CBCP=3200			75PAR30/FL CBCP=2000			
25'0"	5	20'0"	25'0"	3	21'6"	
20'0"	8	16'0"	20'0"	5	17'0"	
15'0"	14	12'0"	15'0"	9	13'0"	
12'0"	22	9'6"	12'0"	14	10'0"	
10'0"	31	8'0"	10'0"	20	8'6"	
8'0"	48	6'6"	8'0"	31	7'0"	
250PAR38/SP CBCP=40,000			250PAR38/FL CBCP=8000			
25'0"	64	6'0"	25'0"	10	21'0"	
20'0"	100	5'0"	20'0"	16	16'6"	
15'0"	178	3'6"	15'0"	29	12'6"	
12'0"	278	3'0"	12'0"	45	10'0"	
10'0"	400	2'6"	10'0"	65	8'6"	
8'0"	625	2'0"	8'0"	101	6'6"	
300PAR56/MFL CBCP=24,000						
35'0"	20	14'0" x 7'0"				
30'0"	26	12'0" x 6'0"				
25'0"	38	10'0" x 5'0"				
20'0"	60	8'0" x 3'2"				
15'0"	107	6'0" x 3'0"				
10'0"	240	4'0" x 2'0"				
HID METAL HALIDE	CDM39PAR20/SP CBCP=23,000			CDM39PAR20/FL CBCP=5,000		
	25'0"	37	4'0"	25'0"	8	12'6"
	20'0"	58	3'6"	20'0"	13	10'0"
	15'0"	102	2'6"	15'0"	22	7'6"
	12'0"	160	2'0"	12'0"	35	6'0"
	10'0"	230	1'6"	10'0"	50	5'0"
	8'0"	360	1'6"	8'0"	78	4'0"
	CDM39PAR30L/SP CBCP=42,000			CDM39PAR30L/FL CBCP=6500		
	25'0"	67	4'0"	25'0"	10	12'6"
	20'0"	105	3'6"	20'0"	16	10'0"
15'0"	187	2'6"	15'0"	29	7'6"	
12'0"	292	2'0"	12'0"	45	6'0"	
10'0"	420	1'6"	10'0"	65	5'0"	
8'0"	657	1'6"	8'0"	101	4'0"	

# CONES OF LIGHT BY LAMP TYPE Technical Data

## HID METAL HALIDE

Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
CDM70PAR30L/M/SP CBCP=48,000		
25'0"	77	4'0"
20'0"	120	3'6"
15'0"	213	2'6"
12'0"	333	2'0"
10'0"	480	1'6"
8'0"	749	1'6"

Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
CDM100PAR38/SP CBCP=40,000		
25'0"	65	6'6"
20'0"	102	5'0"
15'0"	181	4'0"
12'0"	283	3'0"
10'0"	408	2'6"
8'0"	637	2'0"

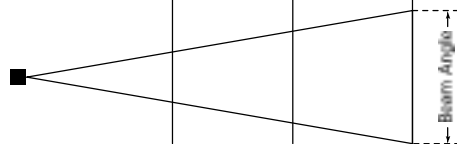
Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
CDM70PAR30L/M/FL CBCP=7000		
25'0"	11	19'0"
20'0"	18	15'0"
15'0"	31	11'6"
12'0"	49	9'0"
10'0"	70	7'6"
8'0"	110	6'0"

Distance to Illuminated Plane	Initial Nadir Footcandles	Beam Diameter
CDM100PAR38/FL CBCP=20,000		
25'0"	33	12'6"
20'0"	51	10'0"
15'0"	91	7'6"
12'0"	142	6'0"
10'0"	204	5'0"
8'0"	320	4'0"

## PROJECTORS

**CAMBRIA 290** Test No. 17918  
75MR16/NSP (EYF)

Peak Focus	8.3fc	3.7fc	2.1fc
Beam Diameter	6'6"	9'10"	13'0"
Distance	10'	15'	20'

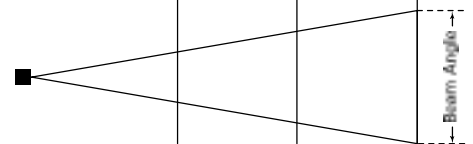


For Beam Diameter at a specific distance multiply distance by beam multiplier

Beam angle	Beam multiplier
36°	0.65

**HOLLYWOOD 1701** Test No. H45035  
CDM39PAR20/SP

Peak Focus	18fc	8fc	5fc
Beam Diameter	4'6"	7'	9'0"
Distance	10'	15'	20'

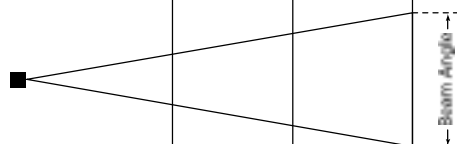


For Beam Diameter at a specific distance multiply distance by beam multiplier

Beam angle	Beam multiplier
32°	0.45

**HOLLYWOOD 1702** Test No. H45035

Peak Focus	20fc	9fc	5fc
Beam Diameter	4'6"	7'0"	9'0"
Distance	10'	15'	20'

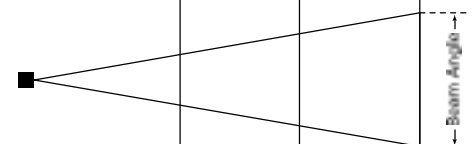


For Beam Diameter at a specific distance multiply distance by beam multiplier

Beam angle	Beam multiplier
34°	0.45

**HOLLYWOOD 1704** Test No. H45035  
CDM150/T6

Peak Focus	36fc	16fc	9fc
Beam Diameter	4'6"	7'	9'
Distance	10'	15'	20'



For Beam Diameter at a specific distance multiply distance by beam multiplier

Beam angle	Beam multiplier
32°	0.45





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1121 HIGHWAY 74 SOUTH  
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