

DESCRIPTION

Tahoe mini-bollards are petite, yet rugged low voltage beacons in three distinct styles. They utilize a 20-watt MR16 lamp source and are ideal for a variety of commercial and residential applications. Each model is available in three sizes and 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.

Catalog #		Type
Project		
Comments		Date
Prepared by		

SPECIFICATION FEATURES

A ... Material

Housing is precision-machined from corrosion-resistant 6061-T6 aluminum extrusion.

B ... Finish

Fixture is double protected by a chromate conversion undercoating and polyester powdercoat paint finish, surpassing the rigorous demands of the outdoor environment. Fixture housing is available in a variety of standard colors.

C ... Gasket

Housing and mounting spike adaptor stem are sealed with a high temperature silicone o-ring gasket to prevent water intrusion.

D ... Lens

Lens is machined from solid U.V. stabilized clear acrylic.

E ... Mounting Spike

6-3/4" corrosion-resistant cast zinc ground spike with 1/2" female threaded opening provided as standard (model GS01). It is sealed around the lead wires for rigidity and a watertight seal.

F ... Hardware

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

G ... Socket

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

H ... Electrical

Remote 12V transformer required (not included). Available from Lumière as an accessory - see the Accessories & Technical Data section of this catalog for details.

I ... Lamp

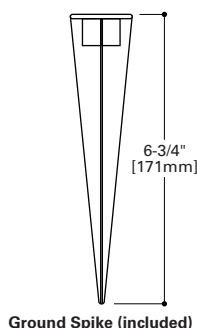
Lamp is included as standard.

J ... Labels & Approvals

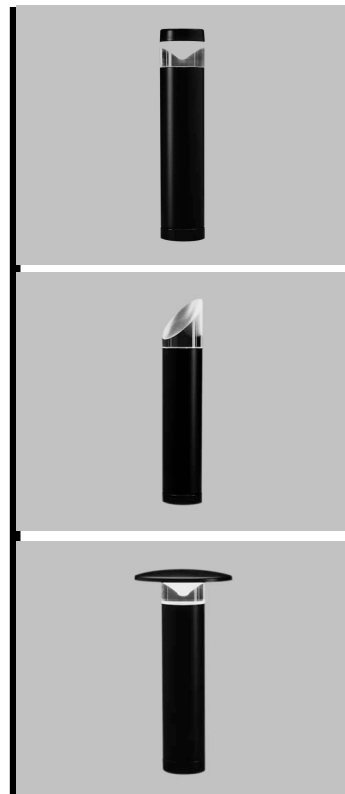
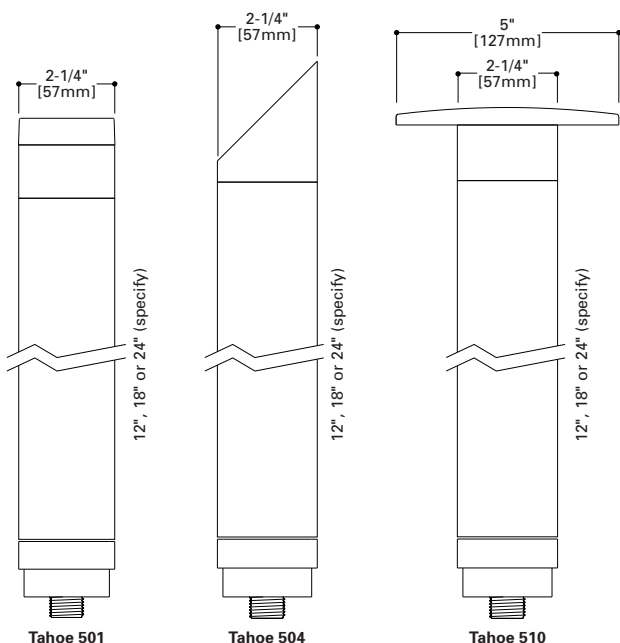
UL and cUL listed, standard wet label. Manufactured to ISO 9001-2000 Quality Systems Standard. IBEW union made.

K ... Warranty

Lumière warrants its fixtures against defects in materials & workmanship for three (3) years. Auxiliary equipment such as transformers, ballasts and lamps carry the original manufacturer's warranty.



Ground Spike (included)



TAHOE

501

504

510

20W (max.) MR16

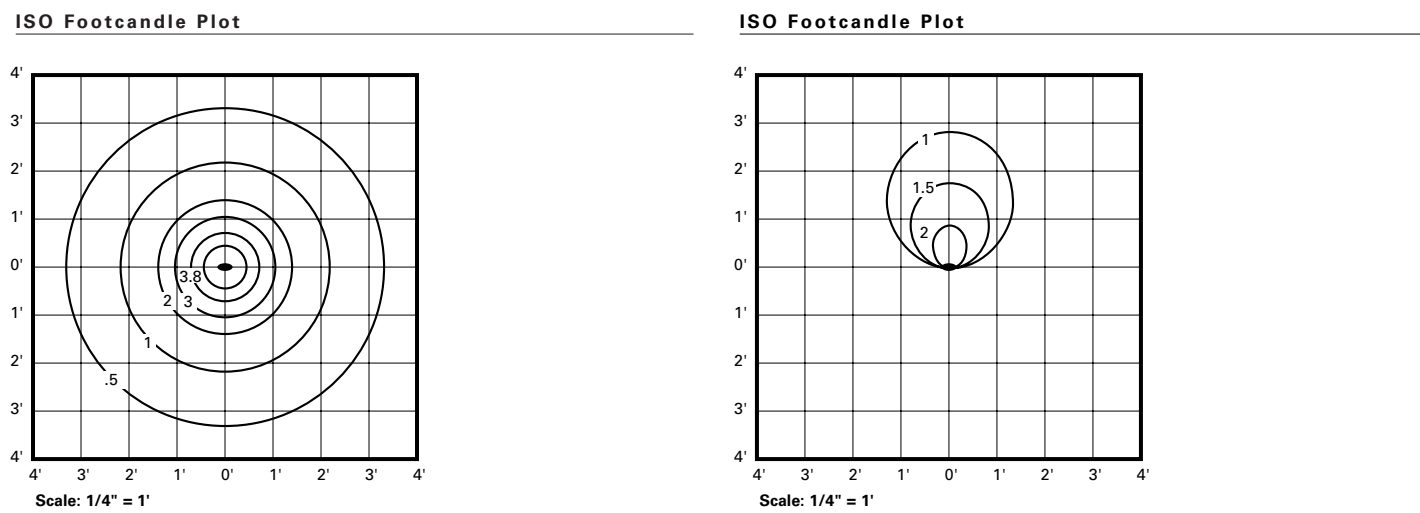
Halogen

Low Voltage

Mini-Bollard

Tahoe 501 / 510Lamp=20MR16/FL (BAB)Lumens=280

Tahoe 504Lamp=20MR16/FL (BAB)Lumens=280



LAMP INFORMATION

Lamp	ANSI Code	Watts	Beam Spread	CBCP	°K	Life (hrs.)	Base	Volts
20MR16/FL	BAB	20	40°	700	3050	4000	GU5.3 bi-pin	12

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

NOTES AND FORMULAS

- Beam diameter is to 50% of maximum footcandles, rounded to the nearest half-foot.
- Footcandle values are initial. Apply appropriate light loss factors where necessary.

ORDERING INFORMATION

Series 501 =LED or Circular Outward Light Pattern Tahoe Bollard for Path and Area Lighting 504 =LED or MR16 Horizontal 90 degree Light Pattern Tahoe Bollard for Path, Driveway and Area Lighting 510 =LED or MR16 Circular Outward Light Pattern Tahoe Bollard with Reflective Crown to Cut Glare and Increase Light Throw		Source 20MR16 =20W Max Halogen MR16, GU5.3 Base, CA Title 24 Compliant 6LED2712 =6W 2700K, 12 Degree Spot, GU5.3 Base 6LED2721 =6W 2700K, 21 Degree Narrow, GU5.3 Base 6LED2741 =6W 2700K, 41 Degree Wide, GU5.3 Base 6LED3012 =6W 3000K, 12 Degree Spot, GU5.3 Base 6LED3021 =6W 3000K, 21 Degree Narrow, GU5.3 Base 6LED3041 =6W 3000K, 41 Degree Wide, GU5.3 Base 6LED4012 =6W 4000K, 12 Degree Spot, GU5.3 Base 6LED4021 =6W 4000K, 21 Degree Narrow, GU5.3 Base 6LED4041 =6W 4000K, 41 Degree Wide, GU5.3 Base 6LED5712 =6W 5700K, 12 Degree Spot, GU6.3 Base 6LED5721 =6W 5700K, 21 Degree Narrow, GU5.3 Base 6LED5741 = 6W 5700K, 41 Degree Wide, GU5.3 Base 10LED2712 = 10W 2700K, 12 Degree Spot, GU5.3 Base 10LED2721 = 10W 2700K, 21 Degree Narrow, GU5.3 Base 10LED2741 = 10W 2700K, 41 Degree Wide, GU5.3 Base 10LED3012 = 10W 3000K, 12 Degree Spot, GU5.3 Base 10LED3021 = 10W 3000K, 21 Degree Narrow, GU5.3 Base 10LED3041 = 10W 3000K, 41 Degree Wide, GU5.3 Base 10LED4012 = 10W 4000K, 12 Degree Spot, GU5.3 Base 10LED4021 = 10W 4000K, 21 Degree Narrow, GU5.3 Base 10LED4041 = 10W 4000K, 41 Degree Wide, GU5.3 Base 10LED5712 = 10W 5700K 12 Degree Spot, GU5.3 Base 10LED5721 = 10W 5700K, 21 Degree Narrow, GU5.3 Base 10LED5741 = 10W 5700K, 41 Degree Wide, GU5.3 Base		Voltage 12 =12V Finish Painted BK =Black BZ =Bronze CS =City Silver VE =Verde WT =White		Accessories Filters F71 =Peach Dichroic Filter, 2.00" Dia F72 =Amber Dichroic Filter, 2.00" Dia F73 =Green Dichroic Filter, 2.00" Dia F74 =Medium Blue Dichroic Filter, 2.00" Dia F75 =Yellow Dichroic Filter, 2.00" Dia F76 =Red Dichroic Filter, 2.00" Dia F77 =Dark Blue Dichroic Filter, 2.00" Dia F78 =Light Blue Dichroic Filter, 2.00" Dia F79 =Neutral Density Dichroic Filter, 2.00" Dia F80 =Magenta Dichroic Filter, 2.00" Dia F22 =Red Color Filter, 2.00" Dia F33 =Blue Color Filter, 2.00" Dia F44 =Green Color Filter, 2.00" Dia F55 = Yellow Color Filter, 2.00" Dia F66 = Mercury Vapor Color Filter, 2.00" Dia Optical Lenses LSL = Linear Spread Lens (elongate standard beam spread), 2.00" Dia OSL = Overall Spread Lens (increase beam spread), 2.00" Dia DIF = Diffused Lens (provide even illumination), 2.00" Dia Optical Louver LVR = Hex Cell Louver (reduce glare), 2.00" Dia	
Height 12 =12 inch nominal height 18 = 18 inch nominal height 24 = 24 inch nominal height							

- Notes:
- Lamp included.
 - 12V remote transformer required - not included.
 - See ACCESSORIES & TECHNICAL DATA section of the Lumière catalog for Mounting Accessories, Low Voltage Cable & Transformers.
 - Consult your Cooper Lighting representative for additional options and finishes.