MB1

The MB1 is an unobtrusive, contemporary pathlight/bollard hybrid. It features 180° illumination via the field-rotatable top assembly. Its 1/2" male thread allows mounting onto a heavy-duty ground spike or brass junction box that can be recessed in concrete. The MB1 can also have a stem added to its 6" high top for greater mounting heights and a telescoping option (illustration on right).

Construction All brass components. 1.6" diameter x 0.125" wall (41 mm x 3.2 mm) brass cylindrical housing.

Lens Clear cylindrical Borosilicate glass, 3mm wall. Additional 3mm thick flat tempered soda lime glass permanently seals lamp compartment.

Height 16.9" (nominally 17") is standard. Custom heights available. Measuring 1.6" diameter portion only. Does not include any additional stem height.

__ **17** 16.9" [42.8cm] Standard
__ ___ Custom height, in inches (**10" minimum for 120-277V**, 6" minimum for 12V)

Voltage

__ **12V** 12 Volts AC, remote transformer required
__ **120V** 120 Volts with integral transformer*
__ **230V** 230 Volts with integral transformer*
__ **277V** 277 Volts with integral transformer*

**** 120 - 277V minimum height: 10"***

Lamps

MR11 Halogen, 20 Watts maximum	__ **FTB**	20 Watt Warm White (2950K) ***– 12V only***		
MR11 LED	__ **2W-MR11-SP**	2 Watt Warm White (3000K)		
Cree light engines Triac dimmable: MLV >6% typ., ELV >16% typ.				
Cree XPE2 ***TURTLE FRIENDLY***	__ **2W-A-SP**	2 Watt **AMBER** (1521K)	5.9 cd	4.6 lm
Cree XPG2	__ **3W-SP**	3 Watt Warm White (2932K)*	231 cd	172 lm

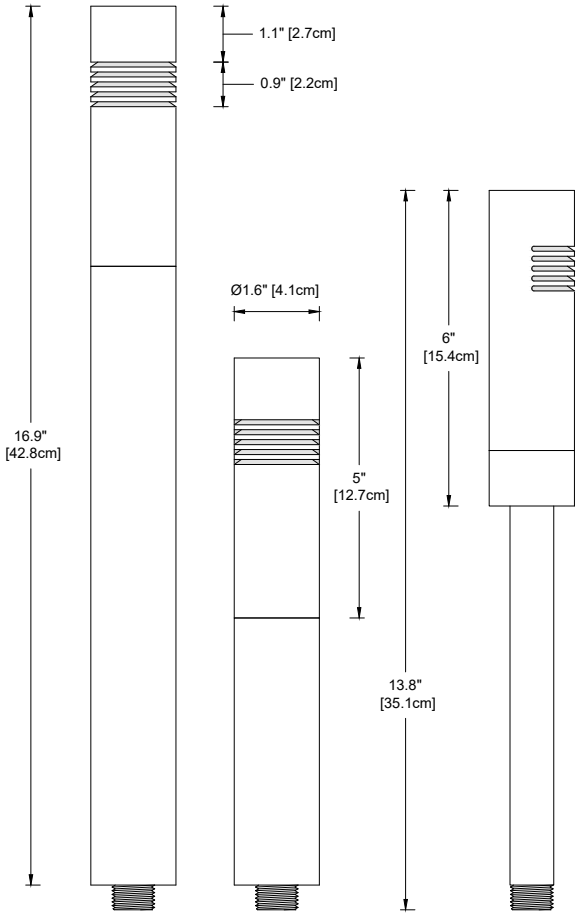
* Also available in 2700K. Add color suffix to lamp specification, e.g. "*3W-SP–2700K*"
Photometric results obtained with standard 17-inch height.

Mounting Accessories 1/2" male threads. Mounts into any standard j-box or:

__ **BSB** Brass Surface Box for surface-mount applications on concrete or wood. Includes internal brass collar and stainless steel lag screws. 4.25" dia. x 2.0" tall (11 x 5 cm)
__ **GS2BC** Heavy-duty ground spike with cast brass cap
__ **GS3R** Heavy-duty ground spike with brass cap for telescoping fixture riser
__ **JB** Cast brass junction box (to be set in concrete)

STEMS: 1/2" brass pipe stem (right illustration — required for **GS3R**). No Stem is standard and does not need to be specified (shown in left and middle illustrations).

__ **STEM-8** 8" [20cm]
__ **STEM-12** 12" [30cm]
__ **STEM-16** 16" [40cm]
__ **STEM-20** 20" [51cm]
__ **STEM-24** 24" [61cm]



FRONT VIEW (MB1-17) (MB1-10)

SIDE VIEW (MB1-6 ON 8" STEM)

Finish: Unfinished is standard; no specification required. The fixture will weather to a natural patina. The patina process is natural with brass and copper. Rate of patina and eventual color is dependent upon climate and proximity to the ocean. Thus, Beachside does not guarantee any specific appearance.

CSA Listed, file #190030
10 year fixture warranty
5 year warranty on MR11 LED lamps
5 year Cree LED module warranty

C US **SUITABLE FOR INDOOR USE (12V with light engine only)**

Project _____ By _____ Date _____

For ordering purposes, please specify (example: **MB1—17—120V—3W-SP—GS3R—STEM-16**)

MB1	—		—		—		—	
Fixture		Height		Voltage		Lamp		Accessory(ies)