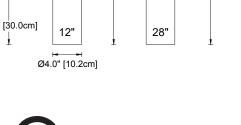
The MB-series classic-style bollards for concrete installation set the standard for durable, corrosion-resistant walkway lighting. The lamp is protected by a threaded glass lens and an internal brass collar with stainless steel mounting hardware helps ensure stability. The multi-louver design uses omnidirectional LED lamps. The single-louver design uses drop-in MR16 LEDs and integrated LED light engines

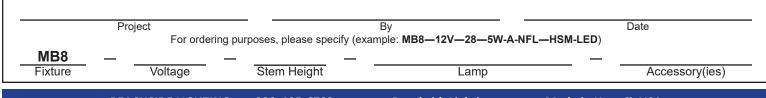
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Construction	Cast brass shade and louver assembly. 4" diameter brass tube x 0.090" wall thickness (10.2 cm x 2.3 mm).			
Mounting	Concrete-mounted fixture uses 3/8" stainless steel anchor bolts through an internal brass mounting collar. Stainless steel hex nuts and washers below collar allow for levelling.			
Lens	Vapor-proof, te			
Shaft Height	4 12 28	12" [	10 cm] 30 cm] 71 cm] Standard	
12V Lamps	G4 / G6.35 / GY6.35 omnidirectional LED Remote transformer required			Multi-louver for Omnidirect
	3W-G4-27	3 Wa	att Warm White (2700K) att Warm White (3000K)	lamps
			att Warm White (2700K) att Warm White (3000K)	
	GU5.3 MR16 L	ED •	Remote transformer required	
Cree chipset	5W-A-NFL	5 Wa	att AMBER (1500K) TURTLE FRIENDLY	
Cree chipset			att Warm White (2700K) att Warm White (3000K)	
Soraa chipset			att Warm White (2700K) att Warm White (3000K)	8.5"
	LED light engin	e•F	Remote transformer required	LED
Cree XPE2 chipset	7W-A	7 Wa	att AMBER (1500K) TURTLE FRIENDLY	
	8W-RO	8 Wa	att RED-ORANGE (1000K) TURTLE FRIENDLY	36.5" [92.7cm] 28"
Cree XPG2 chipset	11W-827 11W-830		/att (2700K) /att (3000K)	
120/230V Lamps	E26 / E27 base	e • 0	mnidirectional LED	
	6W-A-E26 13W-A19-2 13W-A19-30		6 Watt <b>AMBER</b> LED (1500K) 13 Watt LED (2700K), A19 type 13 Watt LED (3000K), A19 type	
	GU10 MR16 LE	ED		
Cree chipset	5W-A-NFL-	120V	5 Watt AMBER (1500K) TURTLE FRIENDLY	4" 11.8" [
Cree chipset			5 Watt Warm White (2700K) 5 Watt Warm White (3000K)	±
Soraa chipset			8 Watt Warm White (2700K) 8 Watt Warm White (3000K)	
Accessory	HSM HSM-LED		shield for 180° illumination shield for MR16 LED lamps <i>only</i>	 APρ   ↓ ↓ ↓ ↓ ↓ 0. ↓

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.



19.8" [50.3cm]

Weight: 26 lbs / 11.8 kg (28" shaft)





7.8" [19.8cm]

ctional LED

" [2<sup>'</sup>1.6cm]

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Single-louver for LED light engines and MR16 LED lamps

Ø8.0" [20.3cm]

35.8" [90.9cm]

es light poll

Certified by DarkSky.org

IP66

10 year fixture warranty

3 year LED light engine warranty 3 year warranty on MR16 LED lamps