

DESCRIPTION

The MORANO barrier bollard is available in three heights with a selection of mounting configurations. The simple top cap detail is machined from billet aluminum and press fit to the steel bollard shaft. Steel shaft is hot-dip galvanized prior to being finished in finely textured paint. Mounting variations include embedded, removable, flange mount, and collapsible models. Companion power bollard completes the product family. Standard colors; matte silver grey metallic, dark grey, graphite grey, black, dark bronze. Special RAL colors available. All hardware is stainless steel.

PROTECTED BY




Date: _____ Type: _____ Catalog Number: _____

Project Name: _____

ORDERING INFORMATION

LUMINAIRE			
MODEL	MOUNTING	FINISH	OPTION
MOR600	E Embedded	DG Dark Grey	CH* Chain Holder
MOR900	R Removable	GG Graphite Grey	*Not Available on MOR1200
MOR1200	F Flange	SG Silver Grey	
	C Collapsible	BL Black	
		DB Dark Bronze	
		CC Custom RAL Color	

ACCESSORY	
MODEL	
MOR-BB-RCP	Cover Plate for Morano barrier bollards with Removable Mounting option

SPECIFICATIONS

MATERIALS

Straight round bollard shaft is manufactured from cold drawn over mandrel, electric-weld, mechanical round steel tubing with nominal wall thickness of 0.126". Diameter of shaft is 3.9". Steel shaft is hot-dip galvanized prior to painting. Top element is machined from 6082 aluminum and press fit securely into the shaft. Bollard is finished in finely textured paint.

DIMENSIONS

MOR600= 23.6" h x 3.3" diameter

MOR900= 35.4" h x 3.3" diameter

MOR1200= 47.2" h x 3.3" diameter

MOUNTING

Bollard is available with four mounting options.

EMBEDDED

Bollard includes additional shaft length of 19.7" for embedment into a concrete foundation (by others).

REMOVABLE

Removable bollard includes hot-dip galvanized steel insert for embedment into concrete to receive bollard.

Bollard is installed or removed via key-activated internal steel rod that engages with the insert.

FLANGE MOUNT

Flange model mounts to concrete foundation by others. Mounting hardware by others.

COLLAPSIBLE

Similar to removable bollard above except hinged at the base.

FINISH

Standard finish is finely textured matte silver grey metallic, dark grey, graphite grey, black, or dark bronze. Special RAL colors on request.

WARRANTY

Limited product warranty period is five years.

DIMENSIONS

All dimensions are shown in inches unless otherwise noted.

