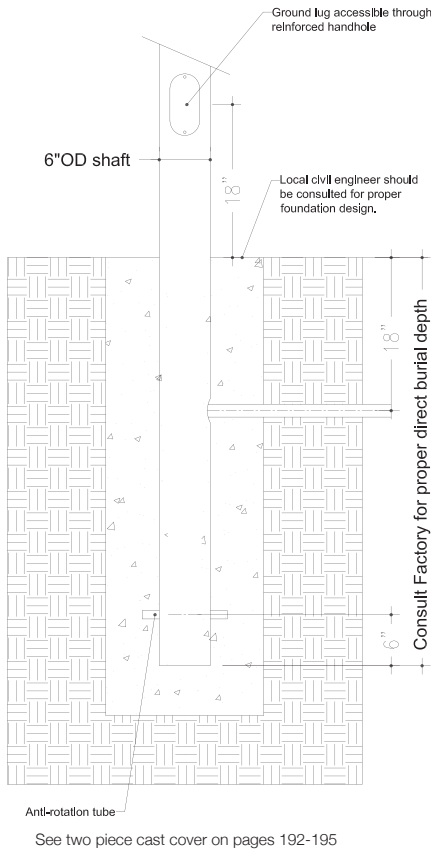


post details



ordering logic

model

DBE6 6 Vandal Resistant Post

profile

S smooth

F fluted

height

12 12'

14 14'

16 16'

18 18'

OTHER _____

shaft

6M 6", .188" wall thickness (S)

6Q 6", .250" wall thickness

pole top

OT open top (for post top arm)

TN tenon (standard 3"x3")

ARC acorn finial

BAL ball finial

OTHER _____

options

GFI-IU 20AMP GFCI receptacle with painted aluminum cover

OTHER _____

color

BB black

BZ bronze

GR green

WH white

BY gray

RAL RAL _____

specifications

construction

Post shall be made from a one-piece, seamless extruded aluminum shaft which is designed for direct embedment into compacted earth or a poured concrete footer. A welded ground lug is accessible through the hand hole, which shall be located on the post shaft (opposite of the opening) and concealed by a formed aluminum cover. All cast aluminum parts shall be low copper alloy A356. All extruded aluminum parts shall be alloy 6061-T6. Standard fluted shaft profile shall be 16-flat flutes.

direct burial extension

A direct burial extension with a minimum embedment length or 25% of the total projected height (above grade) shall be provided.

vibration dampeners

Vibration dampener pads shall be provided when required by customer or deemed necessary by Beacon products. Please consult factory for bridge mounted applications.

EPA (effective projected area)

EPA is defined as (surface Area X drag Factor) and measured in ft². Allowable post, luminaire arm, luminaire and accessory EPAs are derived from the most current published AASHTO (American Association of State Highway and Transportation Officials) standard, currently AASHTO 2001 (50yr design life). Customer assumes all responsibility for selecting the appropriate post for installation (consult factory for assistance). Luminaire arm, luminaire and accessory EPA must be equal to or less than allowable EPA of post. Consult a professional engineer for compliance with local codes and standards.

fasteners

All fasteners shall be stainless steel. When tamper resistant fasteners are required, spanner HD (snake eye) style shall be provided (special tool required).

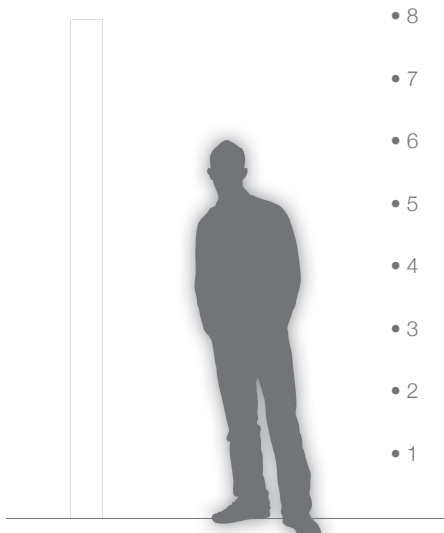
finish

Finish shall be Beacote V polyester powdercoat paint, electrostatically applied and thermocured. All painted surfaces shall be subjected to chemical pre-treatment prior to painting by full immersion process. Finish shall meet or exceed AAMA 2604 standards.

ordering example

DBE6 / S / 16 / 6M / OT / GFI-IU / BB

perspective



available EPA index

catalog #	wall thickness	nominal height	AASHTO 2001 wind zones (mph)						
			90	100	110	120	130	140	150
DBE6/S/12/6G	.125"	12'	15.3	12.2	10.0	8.3	6.9	5.9	5.1
DBE6/S/14/6G	.125"	14'	12.5	9.9	8.0	6.6	5.5	4.7	4.0
DBE6/S/16/6M	.188"	16'	16.4	13.1	10.6	8.8	7.4	6.2	5.3
DBE6/S/16/6Q	.250"	16'	22.3	17.9	14.6	12.1	10.2	8.7	7.5
DBE6/S/18/6M	.188"	18'	13.6	10.7	8.7	7.1	5.9	5.0	4.2
DBE6/S/20/6Q	.250"	20'	15.8	12.5	10.1	8.3	6.9	5.8	5.0
DBE6/S/25/6Q	.250"	25'	10.5	7.9	6.3	5.0	4.1	3.4	2.8
DBE6/F/14/6Q	.250"	14'	24.9	19.4	15.3	12.2	9.8	7.9	6.3
DBE6/F/18/6Q	.250"	18'	17.1	12.9	9.7	7.4	5.5	4.0	2.9
DBE6/F/20/6Q	.250"	20'	14.1	10.3	7.6	5.4	3.8	2.5	1.4
DBE6/F/25/6Q	.250"	25'	8.3	5.4	3.2	1.6	0.3	0.0	0.0

CAUTION: Consult factory for structural approval prior to attaching banners or other appendages. Warranty void if pole is cut, welded, drilled or otherwise modified outside Beacon factory.