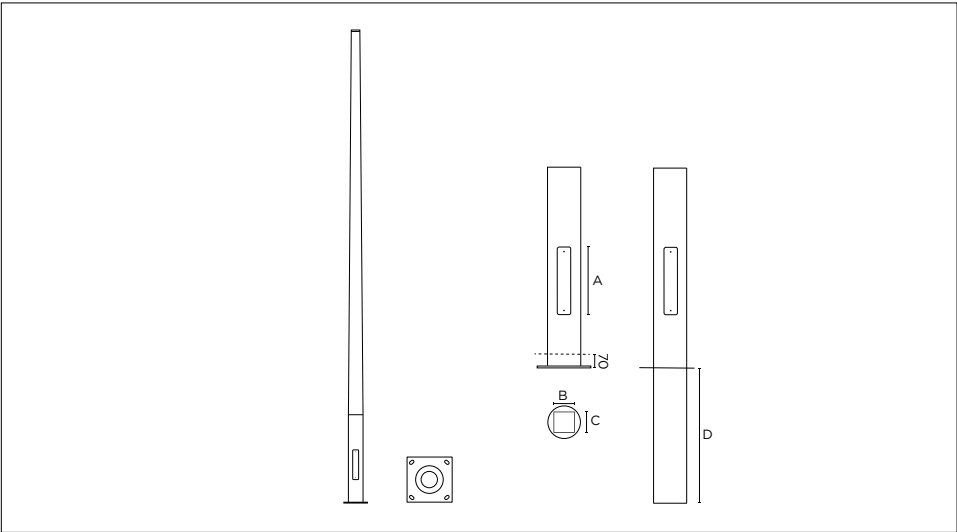


Dôme XL

Round conical pole
base plate / burried



Pole on base plate	Pole with ground spike base	Height	Section	Base section	Visible base height	Burried depth (D)	Effective dimensions (A x B • C)	Weight
MDO1300	MDO3300	3 m	Ø 115-76 mm	Ø 115 mm	1 m	0.80 m	300 x 90 mm • 61 mm	19 kg
MDO1350	MDO3350	3.5 m	Ø 115-76 mm	Ø 115 mm	1 m	0.80 m	300 x 90 mm • 61 mm	20 kg
MDO1351	MDO3351	3.5 m	Ø 140-76 mm	Ø 140 mm	1 m	0.90 m	350 x 90 mm • 93 mm	24 kg
MDO1400	MDO3400	4 m	Ø 115-76 mm	Ø 115 mm	1 m	0.80 m	300 x 90 mm • 61 mm	21 kg
MDO1401	MDO3401	4 m	Ø 140-76 mm	Ø 140 mm	1,10 m	0.90 m	350 x 90 mm • 93 mm	27 kg
MDO1500	MDO3500	5 m	Ø 115-76 mm	Ø 115 mm	1 m	0.80 m	300 x 90 mm • 61 mm	24 kg
MDO1501	MDO3501	5 m	Ø 140-76 mm	Ø 140 mm	1,10 m	0.90 m	350 x 90 mm • 93 mm	30 kg
MDO1502	MDO3502	5 m	Ø 168-120 mm	Ø 168 mm	1,20 m	1.30 m	450 x 90 mm • 125 mm	42 kg
MDO1600	MDO3600	6 m	Ø 140-76 mm	Ø 140 mm	1,10 m	0.90 m	400 x 90 mm • 93 mm	33 kg
MDO1601	MDO3601	6 m	Ø 168-120 mm	Ø 168 mm	1,20 m	1.30 m	450 x 90 mm • 125 mm	48 kg
MDO1700	MDO3700	7 m	Ø 168-120 mm	Ø 168 mm	1,20 m	1.30 m	450 x 90 mm • 125 mm	54 kg
MDO1701	MDO3701	7 m	Ø 194-140 mm	Ø 194 mm	1,20 m	1.40 m	450 x 100 mm • 148 mm	71 kg
MDO1800	MDO3800	8 m	Ø 194-140 mm	Ø 194 mm	1,20 m	1.40 m	450 x 100 mm • 148 mm	78 kg
MDO1801	MDO3801	8 m	Ø 220-140 mm	Ø 220 mm	1,35 m	1.50 m	500 x 100 mm • 175 mm	112 kg
MDO1900	MDO3900	9 m	Ø 194-140 mm	Ø 194 mm	1,20 m	1.40 m	450 x 100 mm • 148 mm	86 kg
MDO1901	MDO3901	9 m	Ø 220-140 mm	Ø 220 mm	1,35 m	1.50 m	500 x 100 mm • 175 mm	121 kg
MDO1100	MDO3100	10 m	Ø 220-140 mm	Ø 220 mm	1,35 m	1.50 m	500 x 100 mm • 175 mm	130 kg
MDO1101	MDO3101	10 m	Ø 245-140 mm	Ø 245 mm	1,50 m	1.50 m	500 x 120 mm • 195 mm	153 kg
MDO1120	MDO3120	12 m	Ø 245-140 mm	Ø 245 mm	1,50 m	1.50 m	500 x 120 mm • 195 mm	180 kg
MDO1121	MDO3121	12 m	Ø 275-140 mm	Ø 275 mm	1,50 m	1.50 m	500 x 120 mm • 226 mm	195 kg
MDO1140	MDO3140	14 m	Ø 275-140 mm	Ø 275 mm	1,50 m	1.50 m	500 x 120 mm • 226 mm	220 kg

Technical description

Round conical section pole made of glue-laminated Scots Pine wood from sustainably managed forests (PEFC). Strength class GL24H (bending strength C24), ACERBOIS-Glulam certified, and designed using the HTE process with double lamination construction. Four-step staining process with water-based stains. Stain durability > 6 years. Fire reaction class EUROCLASS D-s1, d0 according to EN 13501-1 standard. Base and cap made of galvanized steel, floodlight support made of electro-galvanized steel, polyester powder-coated. Seawater atmospherer protection available upon request. CE-marked product (CE conformity certificate 0679-CPR-0473).



Lifespan

According to our raw material supply specifications and the CSTB, our products have a structural life of 25 years (CE marking).

Maintenance and lifespan

In order to maintain the performance of the columns and their aesthetics, it is advisable to plan periodic maintenance of the wood every 8 years (6 years on sites exposed to the sea front) by renewing the finish. This operation does not require any particular expertise or removal of the columns. AUBRILAM can assist you in this process by providing a staining kit with the application protocol. It is recommended to regularly clean metal surfaces with soapy water. Make sure to use non-aggressive products. Never use corrosive products or scouring pads.

Annual inspection: Check the condition of the access door(s), the base, and the anchoring rods. Unclog the water drainage holes and ensure there are no signs of oxidation on the metal parts.

Installation

Spacing dimensions:

- From 3 m to 6m: 200 x 200 mm
- From 7 m to 14 m: 300 x 300 mm

Recommended anchor rods:

- From 3 m to 12 m: 4 HA20/M18 - 400 mm
- From 12 m to 14 m: 8 HA25/M24 - 600 mm

Anchor bolts supplied on request only. Burried root version upon request.



Top mounting
Section ≥ 76 mm



Top mounting with outreach
Extension ≤ 500 mm • Section ≥ 120 mm
Extension ≥ 500 mm • Section ≥ 140 mm



Lateral mounting
Section ≥ 100 mm

Options

- Stainless steel base
- Hinged door or door with safety-cable
- Two doors
- Anti-theft screw
- Cable hole

Customization

Customization available upon request.

Finish

The finish shown is in Brume wood and Black 2100 sanded metal, code+.W01.M05. Finish options available in any of the standard shades from the AUBRILAM color chart. Other colors available upon request.

Wood

Brume code+.W01	Cooper code+.W02	Tyrol Pine code+.W03	Chestnut code+.W04
Ferrara Oak code+.W05	Basalt code+.W06	Meteor code+.W07	Origin code+.W08
Alizé code+.W09	La Mer code+.W10	Burn Umber code+.W11	

Metal

Graphite code+.M01	Silver code+.M02	RAL 7006 sanded code+.M03	Grey 2900 sanded code+.M04
Black 2100 sanded code+.M05	Black 2200 sanded code+.M06	Random rust code+.M50	Crystal black code+.M51