

# Light poles of aluminium

- Sustainable
- Maintenance free
- Lightweight, easy to install



Aluminium light poles from Hydro offer many possibilities in terms of height and diameter, tailored to your needs, luminaries and location. You can choose from post top light poles and light poles with bracket(s) in a cylindrical or conical shape, or conical bended.

Aluminium naturally possesses passive safe qualities. Therefore, aluminium poles are often passively safe by nature.

Hydro offers a full range of passive safe light poles.

#### Bracket options (PDSSENEX.32.02.001):

- Fixed brackets
- Brackets with cast piece
- Brackets with invisible joint

#### In compliance with standards and regulations:

- Design in accordance with the European standard EN 40-6
- Calculations according to the European standard EN 40-3-3
- Passively safe according to EN 12767 – see certificate EN 40
- *Cradle to Cradle Certified™* silver

#### Installation options:

- Planted in the ground
- Two-piece base plate (drawing D53.002.000.14)
- One-piece base plate (drawing D53.001.000.01)
- Welded specialized base plate

#### Passive safe light poles options:

- LE light poles (PDSSENEX.01.02.001)
- HE light poles (PDSSENEX.16.02.001)
- NE light poles (PDSSENEX.20.02.001)

Commonly used conical light poles 4-12m\*

Height (A) (m)	Base diameter (B) x wall thickness X top diameter (C) (mm)	Type	Dimension door opening (D) (mm)	Door height above ground (E) (mm)	Length ground piece** (F) (mm)	Weight ± (kg)	Energy absorption category
4	114 x 2.5 x 60	12.040.114.01**	400 x 85	600	800	13	NE
6	120 x 3.0 x 76	12.060.120.08**	400 x 85	1000	1000	23	NE
8	145 x 3.0 x 76	12.080.145.07	400 x 85	1000	1300	35	NE
10	200 x 3.3 x 76	12.100.200.59	600 x 115	1000	1700	63	LE
12	200 x 3.3 x 76	12.120.200.35	600 x 115	1000	1700	75	LE

Commonly used cylindrical light poles 4-12m\*

Height (A) (m)	Base diameter (B) x wall thickness X top diameter (C) (mm)	Type	Dimension door opening (D) (mm)	Door height above ground (E) (mm)	Length ground piece** (F) (mm)	Weight ± (kg)	Energy absorption category
4	114 x 2.5 x 60	10.040.114.03	400 x 85	600	800	11	NE
6	120 x 3.0 x 60	10.060.120.09	400 x 85	1000	1000	19	NE
8	165 x 3.3 x 76	10.080.165.09	400 x 90	1000	1300	38	NE
10	200 x 3.3 x 76	10.100.200.01	600 x 115	1000	1700	56	LE
12	200 x 3.3 x 76	10.120.200.01	600 x 115	1000	1700	68	LE

\* Other types available

\*\* Length ground piece differs per country, depending on the applicable standard

Technical characteristics:

- Seamless tube made of aluminium extrusion;
- Alloy EN AW6060 T66;
- 100% recyclable ;
- Flush fitting door with 2 triangular locks;
- Welded reinforcement profile at the inside of the door section, complete with mounting rail with 2x M6 slip nuts + 1x M8 earth nut;
- Ground piece protected with corrosion protective tape (color grey or black);
- Optional ground level protector (PDSSEN.37.02.001);
- Cable entry slot incl. protection cap;
- Surface brushed finish, optional electrostatic powder coating or anodized.

