

# Lighting columns of aluminium

- Sustainable
- Maintenance free
- Lightweight, easy to install



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

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

Hydro offers a full range of passive safe lighting columns.

Local technical support available in the UK.

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

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

#### In compliance with standards and regulations:

- Design in accordance with the British standard BS EN 40-6
- Calculations according to the British standard BS EN 40-3-3
- Passively safe according to BS 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 lighting columns options:

- LE lighting columns (PDSENUK.01.02.001)
- HE lighting columns (PDSENUK.16.02.001)
- NE lighting columns (PDSENUK.20.02.001)

Commonly used conical lighting columns 5-12m\*

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)	Energy absorption category
5	145 x 3.0 x 76	12.050.145.05	600 x 100	600	800	NE
6	145 x 3.0 x 76	12.060.145.39	600 x 100	600	1000	NE
8	165 x 3.3 x 76	12.080.165.31	600 x 115	1000	1200	NE
10	200 x 3.3 x 76	12.100.200.40	600 x 115	1000	1500	LE
12	200 x 3.3 x 76	12.120.200.44	600 x 115	1000	1700	LE

Commonly used cylindrical lighting columns 5-12m\*

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)	Energy absorption category
5	145 x 3.0 x 76	10.050.145.13	600 x 100	600	1000	NE
6	145 x 3.0 x 76	10.060.145.15	600 x 100	600	1200	NE
8	165 x 3.3 x 76	10.080.165.14	600 x 115	1000	1300	NE
10	200 x 3.3 x 76	10.100.200.04	600 x 115	1000	1700	LE
12	200 x 3.3 x 76	10.120.200.05	600 x 115	1000	1700	LE

\*Other types available

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.

