

# Lighting Columns of aluminium

- 50 years design life
- Light weight
- Sustainable



## Aluminium lighting columns in all shapes and sizes

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.

## 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

## Bracket options (PDSEN/UK32.02.001.r02):

- Fixed brackets
- Cast piece brackets
- Invisible joint brackets

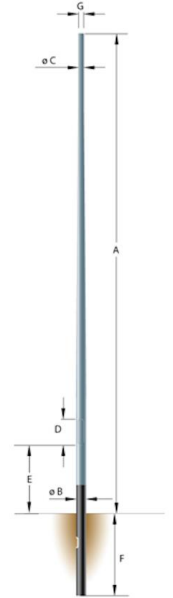
## Passive safe lighting columns options:

- LE lighting columns (PDSEN/UK.01.02.001.r02)
- HE lighting columns (PDSEN/UK.16.02.001.r02)
- NE lighting columns (PDSEN/UK.20.02.001.r02)

## Lighting Columns

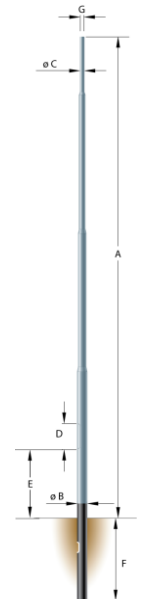
### Conical lighting columns 5-12m\*

Height (A)	Base diameter x wall thickness (B)	Type	Top diameter (C)	Dimension door opening (D)	Door height above ground (E)	Length ground piece (F)	Passive safe classification
(in m)	(in mm)		(in mm)	(in mm)	(in mm)	(in mm)	
5	145 x 3.0	12.050.145.05	76	600 x 100	600	800	100NE2
6	145 x 3.0	12.060.145.39	76	600 x 100	600	1000	100NE2
8	165 x 3.3	12.080.165.31	76	600 x 115	1000	1200	100NE2
10	200 x 3.3	12.100.200.40	76	600 x 115	1000	1500	100LE3
12	200 x 3.3	12.120.200.44	76	600 x 115	1000	1700	100LE3



### Cylindrical lighting columns 5-12m\*

Height (A)	Base diameter x wall thickness (B)	Type	Top diameter (C)	Dimension door opening (D)	Door height above ground (E)	Length ground piece (F)	Passive safe classification
(in m)	(in mm)		(in mm)	(in mm)	(in mm)	(in mm)	
5	145 x 3.0	10.050.145.13	76	600 x 100	600	1000	100NE2
6	145 x 3.0	10.060.145.15	76	600 x 100	600	1200	100NE2
8	165 x 3.3	10.080.165.14	76	600 x 115	1000	1300	100NE2
10	200 x 3.3	10.100.200.04	76	600 x 115	1000	1700	100LE3
12	200 x 3.3	10.120.200.05	76	600 x 115	1000	1700	100LE3



\*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 (2x M6 slip nuts + 1x M8 earth nut) and mounted wooden backboard;
- Extra earth nut M8 at the inside of the door;
- Ground piece protected with corrosion protective grey tape + Ground Level protector;
- Cable entry slot incl. protection cap;
- Surface brushed finish, electrostatic powder coating, anodized.

Hydro is not liable for incomplete or incorrect information provided on this product sheet.