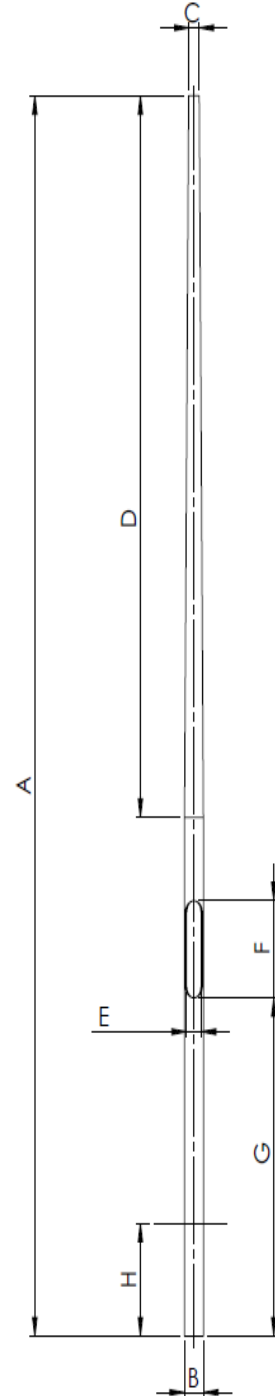


Lighting column InfraLite D108 datasheet

With decades of expertise in flagpole production, we proudly present our new range of lighting columns, engineered through rigorous simulation and testing. Our commitment to excellence ensures you receive the most competitive and reliable product on the market, blending innovation with proven durability.

Our standard columns are integrally pigmented during the manufacturing process and finished with a gel coat layer. This gel coat is applied directly to the column, providing a smooth, durable surface with superior resistance to acids and saline conditions. Additionally, it offers unmatched light stability that cannot be achieved with any post-manufacture paint application.

| Parameter | | Dimension (mm) | | | | | | | |
|--|-----|----------------|----|------|----|-------|-------|-------|----|
| Height | A | 3500 | | 4500 | | 5500 | | 6500 | |
| Bottom diameter | B | 108 | | | | | | | |
| Top diameter | C | 60 | | | | | | | |
| Tapering height | D | 1600 | | 2400 | | 3400 | | 4400 | |
| Cylindrical height | | 1900 | | 2100 | | 2100 | | 2100 | |
| Service door width | E | 85 | | | | | | | |
| Service door height | F | 300 | | | | | | | |
| Service hatch distance from bottom | G | 1500 | | | | | | | |
| Burial depth | H | 500 | | | | | | | |
| Lighting column weight (approximately) | kg | 8 | | 10 | | 16 | | 22 | |
| Lantern size | | m2 | kg | m2 | kg | m2 | kg | m2 | kg |
| | | | | | | 0,09 | 12 | 0,095 | 12 |
| | | | | | | 0,1 | 6 | 0,11 | 6 |
| | | 0,12 | 12 | 0,12 | 12 | 0,095 | 9 | 0,105 | 8 |
| | | | | | | | 0,1 | 10 | |
| | | | | | | | 0,35* | 21* | |
| Wind velocity | m/s | 34 | | 34 | | 32 | | 28 | |
| Deflection class | | 2 | | 3 | | 3 | | 3 | |
| Partial load factor | | A | | | | | | | |
| Topography factor | | 1 | | | | | | | |
| Terrain class | | 1 | | | | | | | |



* - 21 m/s referenced wind velocity

Version 2, up to date 01.11.24

Benefits

- longlasting
- lightweight, easy to transport
- weather-proof
- ECO friendly
- corrosion free
- more durable than aluminium, steel and wood,
- provides high mechanical resistance
- non conductive
- quick to install and dismantle



Version 2, up to date 01.11.24


Flagmore®

www.flagmore.com