

# Ee1\_B Kose

## 125 m GE L06

Rev.02 2024-10-29

Lightning rod  
60° (geo)  
49° (mag)

150° (geo)  
139° (mag)

V01  
Thies FCA II

330° (geo)  
319° (mag)

Lattice structure ends at 122.0 m

### Guy wire levels

- 5 = 39 sections = 117.5 m (Ø 16 mm, tensioner 3, 20 kN)
- 4 = 30 sections = 90.5 m (Ø 16 mm, tensioner 3, 18 kN)
- 3 = 22 sections = 66.5 m (Ø 12 mm, tensioner 2, 15 kN)
- 2 = 14 sections = 42.5 m (Ø 12 mm, tensioner 2, 15 kN)
- 1 = 6 sections = 18.5 m (Ø 12 mm, tensioner 2, 12 kN)

### Abbreviation

- BP# = Barometric pressure sensor
- D## = Wind direction sensor
- HT# = Humidity and Temperature sensor
- PV# = Solar module
- V## = Cup anemometer
- VZ# = 3D ultrasonic anemometer
- WT# = wind turbine

### Night warning

- AV 1 - 2 = 121.8 m: 32 cd
- AV 3 - 4 = 90.0 m: 32 cd
- AV 5 - 6 = 60.0 m: 32 cd
- AV 7 - 8 = 30.0 m: 32 cd

### Sensor Height:

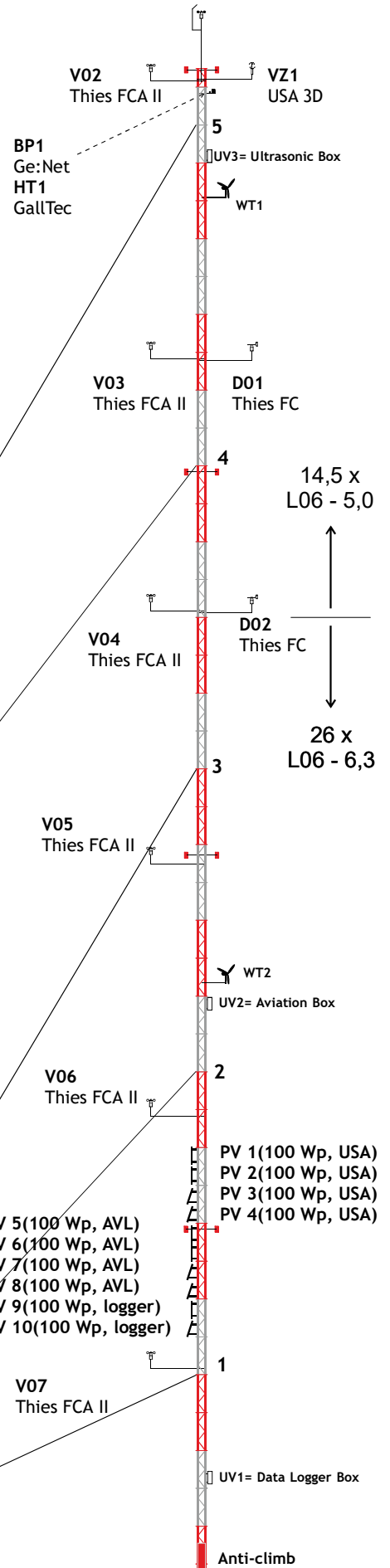
- V01 = 126.2 m
- V02 = 122.0 m
- VZ1 = 122.0 m
- HT1 = 120.0 m
- BP1 = 120.0 m
- V03 = 100.0 m
- D01 = 99.8 m
- V04 = 80.0 m
- D02 = 79.8 m
- V05 = 60.0 m
- V06 = 40.0 m
- V07 = 20.0 m

### Solar Panel:

- PV1 (USA) = 35.0 m
- PV2 (USA) = 33.5 m
- PV3 (USA) = 32.0 m
- PV4 (USA) = 30.5 m
- PV5 (AVL) = 29.0 m
- PV6 (AVL) = 27.5 m
- PV7 (AVL) = 26.0 m
- PV8 (AVL) = 24.5 m
- PV9 (log) = 23.0 m
- PV10 (log) = 21.5 m

### enclosures/power:

- UV3 (USA) = 115.0 m
- WT1 (USA) = 112.0 m
- WT2 (AVL) = 50.0 m
- UV2 (AVL) = 48.0 m
- UV1 (logger) = 10.0 m



B = 70 m

A = 40 m