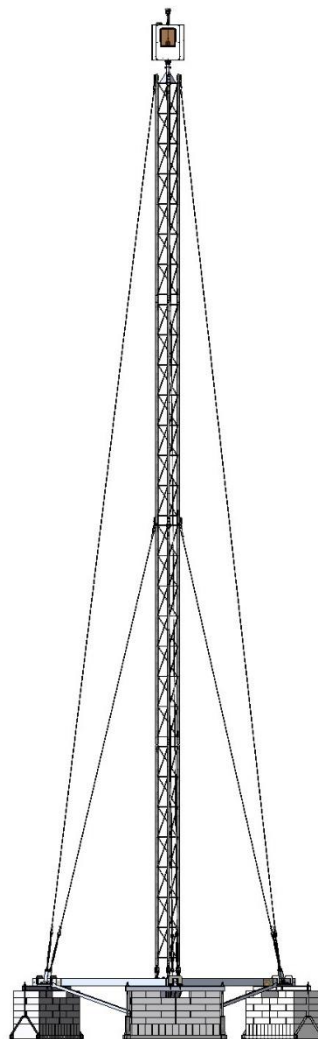


Datasheet

# Sensirion Kuva tower

General purpose mounting tower

Version 9 from September 1, 2025



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## 1 Technical specifications

### 1.1 Physical

| Feature          | Specification                                                                                                                                          |
|------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Tower type       | Hybrid self-supported + guyed tower                                                                                                                    |
| Tower height     | 42 ft (12.8 m): 4x10 ft sections on top of 2 ft ballast blocks                                                                                         |
| Tower weight     | Tower section: 37 lbs (16.8 kg) x 4 sections<br>Base: 75 lbs (34 kg)<br>Ballast: 1,370 lbs (621.4 kg) x 3 legs<br>Total weight: 4,354 lbs (1,974.9 kg) |
| Tower footprint  | 14 ft (4.3 m) diameter                                                                                                                                 |
| Material         |                                                                                                                                                        |
| Base             | Aluminum & steel                                                                                                                                       |
| Tower sections   | Hot dip galvanized steel (25G, 4x 10 ft sections)                                                                                                      |
| Guy wires (Guys) | 1/4" (6.4 mm) 7x19 Galvanized aircraft cables                                                                                                          |
| Ballast          | Pre-cast concrete or blocks                                                                                                                            |

### 1.2 Performance

| Feature                    | Specification                                                                                                                      |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------|
| Rated load                 | 30 lbs (13.6 kg)                                                                                                                   |
| Rated EPA                  | 3.0 ft <sup>2</sup> EPA @ 40 ft (0.28 m <sup>2</sup> EPA @ 12.2 m)<br>*Other loads and appurtenances subject to engineering review |
| Maximum wind speed         | 120 mph (193 km/h)                                                                                                                 |
| Ice accumulation allowance | 1 1/2" inches (3.8 cm) at 40 mph (64 km/h)                                                                                         |

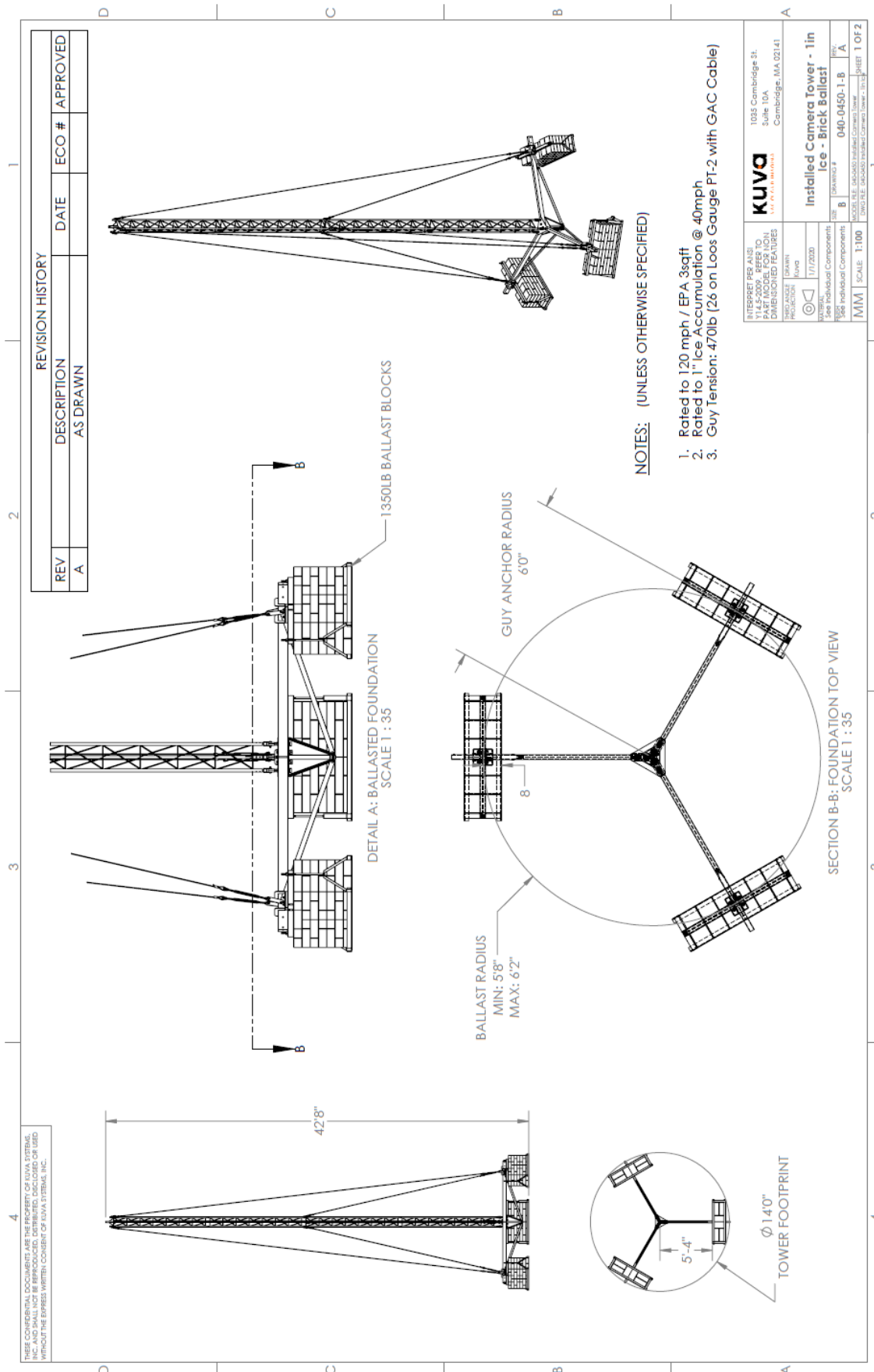
### 1.3 Installation site

| Feature                                     | Specification                                                                                                                                                                                                                              |
|---------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Ground penetration requirements             | Non-ground penetrating tower.<br>*Some locations might require a grounding rod. Consult your local expert                                                                                                                                  |
| Transportation                              | Base transportable by pickup truck.<br>10 ft or 20 ft (3 m or 6 m) trailer for ROHN sections and ballast.<br><br><b>Note:</b> 4 ROHN sections easily fit on a pickup truck with a ladder rack.<br>All parts are light enough to hand carry |
| On-site delivery and installation available | Yes. Please contact Kuva sales for delivery and installation pricing                                                                                                                                                                       |

### 1.4 Warranty

| Feature  | Specification |
|----------|---------------|
| Warranty | 1 year        |

## 2 Technical drawings



### 3 Revision history

| Date       | Revision | Page(s) | Changes         |
|------------|----------|---------|-----------------|
| 01.09.2025 | 09       | All     | Template change |

### 4 Contact

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