



# PRODUCT SPECIFICATION SHEET

## DUAL FIXTURE PRO SERIES SOLAR LIGHT POLE ASSEMBLY

SP-PRO-DH20 | SP-PRO-DH25 | SP-PRO-DH30

| MANUFACTURER PART NUMBER                | REVISION | DATE           | COUNTRY OF ORIGIN |
|-----------------------------------------|----------|----------------|-------------------|
| SP-PRO-DH20 / SP-PRO-DH25 / SP-PRO-DH30 | Rev. A   | September 2026 | USA               |

### 1. PRODUCT DESCRIPTION

The SF Industries Dual Fixture Pro Series Solar Light Pole Assembly combines a hot-dip galvanized carbon-steel pole with two SAL1000-PRO solar flood lights mounted on a shared dual-fixture bracket/cross-arm arrangement. Available nominal pole heights are 20 ft, 25 ft, and 30 ft. A mounting adapter is included and selected to match the specified 4 in. or 5 in. pole. Each SAL1000-PRO provides 100,000 lumens of LED output; the two-fixture assembly provides 200,000 lumens nominal combined output. Each light is solar-powered and includes a remote control.

### 2. PRODUCT IDENTIFICATION

| SPECIFICATION             | INFORMATION                                                                               |
|---------------------------|-------------------------------------------------------------------------------------------|
| Product Family            | Dual Fixture Pro Series Solar Light Pole Assembly                                         |
| Product Type              | LED Exterior Lighting                                                                     |
| Manufacturer              | SF Industries USA                                                                         |
| Manufacturer Part Numbers | SP-PRO-DH20 (20 ft); SP-PRO-DH25 (25 ft); SP-PRO-DH30 (30 ft)                             |
| CSI MasterFormat          | 25 56 19, 25 55 68, 25 56 16, 25 56 29, 25 56 26                                          |
| NAICS                     | 335132                                                                                    |
| UNSPSC                    | 39111619, 39111600                                                                        |
| Primary Applications      | Large-area lighting, parking lots, industrial sites, site/flood lighting, athletic fields |
| Manufacturing Location    | Brenham, Texas, USA                                                                       |
| Country of Origin         | USA                                                                                       |

### 3. TECHNICAL SPECIFICATIONS

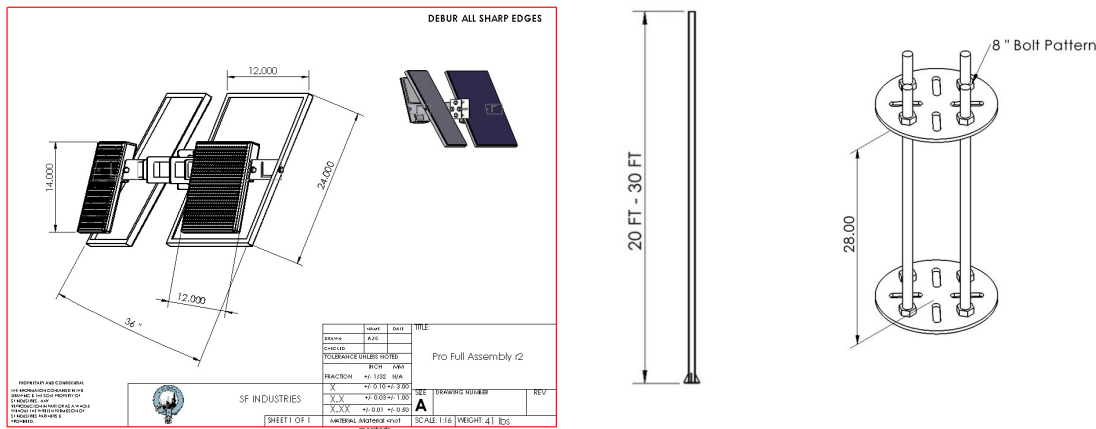
| PARAMETER                    | REQUIREMENT / VALUE                                                                                               |
|------------------------------|-------------------------------------------------------------------------------------------------------------------|
| Assembly Configuration       | SF Industries pole with two SAL1000-PRO solar flood lights on shared dual-head bracket/cross-arm                  |
| Part Numbers / Pole Heights  | SP-PRO-DH20 (20 ft); SP-PRO-DH25 (25 ft); SP-PRO-DH30 (30 ft)                                                     |
| Pole Cross-Section / Adapter | Adapter included; select 4 in. or 5 in. adapter to match specified pole. Confirm pole configuration.              |
| Pole Material / Finish       | ¼ in. carbon steel; hot-dip galvanized; ASTM A123 referenced in pole specification                                |
| Pole Base / Foundation       | Solid welded base plate; custom cage bolt assembly included. Foundation is project-specific.                      |
| Pole Weight                  | Pole specification states <245 lb; complete assembly weight depends on configuration.                             |
| Pole Wind Rating             | Up to 150 mph stated for pole; complete dual-fixture assembly and site criteria require engineering verification. |
| Luminaire Model / Quantity   | 2 × SAL1000-PRO                                                                                                   |
| LED Output                   | 100,000 lumens per light; 200,000 lumens nominal combined output                                                  |
| LED Power / Efficiency       | 1000W LED output per light; >100 lm/W per source specification                                                    |
| Beam Angle                   | 140° per light                                                                                                    |
| Color Temperature / CRI      | 6500 K; CRI Ra >80                                                                                                |
| Solar Panel / Power          | Polycrystalline silicone solar panel; 6V, 52W per light; two lights per assembly                                  |
| Charging / Runtime           | 6–8 hours in indirect sunlight; 9–12 hours                                                                        |
| Controls                     | Dusk-to-dawn with PRI sensor; ON/OFF-only option; remote control included                                         |
| Housing / Protection         | Die-cast aluminum housing; IP67; anti-aging, anti-corrosion, anti-UV attributes                                   |



|                                        |                                                                          |
|----------------------------------------|--------------------------------------------------------------------------|
| <b>Operating Temperature</b>           | -40°F to 135°F                                                           |
| <b>Dimensions / Weight</b>             | 14 × 2 × 12 in.; 7 lb per light. Complete assembly weight not specified. |
| <b>Recommended Installation Height</b> | 20–30 ft; confirm suitability for selected pole and application.         |
| <b>Service Life</b>                    | 50,000 hours stated per light                                            |
| <b>Warranty</b>                        | SAL1000-PRO: 1 year per; pole warranty per SF Industries terms.          |

#### 4. ENGINEERING DRAWING / MOUNTING REFERENCE

The image below is a visual reference for the dual-fixture mounting concept, with two Pro Series fixtures extending outward from a shared mounting assembly above the pole. It is not a controlled dimensioned drawing. Confirm final approved bracket, adapter, connection details, and assembled dimensions before fabrication or installation.



Reference image: dual Pro Series fixture mounting arrangement (illustrative only)

#### 5. STANDARDS, QUALITY & COMPLIANCE

- Pole coating: ASTM A123
- Pole structural welding: AWS D1.1
- Manufacturing: ISO 9001:2015 compliant manufacturing standards.
- SAL1000-PRO: CE, RoHS, FCC, EMC
- SAL1000-PRO enclosure: IP67; operating temperature -40°F to 135°F.
- Pole wind rating is stated up to 150 mph; verify engineering basis and site-specific suitability for the complete assembly.

#### 6. INSTALLATION & APPLICATION

Install the two SAL1000-PRO fixtures using the approved dual-fixture bracket and the included adapter sized for the specified 4 in. or 5 in. pole. The pole includes a solid welded base plate and custom cage bolt assembly. Foundation design, anchor-bolt layout, concrete requirements, fasteners, and torque values must be established by approved project-specific engineering and assembly documents. The light specification recommends 20–30 ft installation height. Confirm solar exposure, fixture aiming, site wind conditions, and the lighting layout. Do not infer connection details or torque values from the illustrative image.

SF-PRO-DH20-30  
Installation Instructi

## 7. CONFIGURATIONS & OPTIONS

| OPTION                    | STANDARD                                                                | SELECTION / NOTES                |
|---------------------------|-------------------------------------------------------------------------|----------------------------------|
| Pole Height / Part Number | 20 ft / SP-PRO-DH20; 25 ft / SP-PRO-DH25;<br>30 ft / SP-PRO-DH30        | Select model                     |
| Pole Size                 | 4 in. or 5 in.                                                          | Confirm pole specification       |
| Mounting Adapter          | Included; 4 in. or 5 in.                                                | Selected to match pole           |
| Luminaire Quantity        | Two SAL1000-PRO fixtures                                                | Dual fixture                     |
| Mounting Hardware         | Per installation project                                                | Confirm approved project details |
| Retrofit                  | Custom adapter available for retrofit projects<br>per SAL1000-PRO sheet | Project-specific                 |

## 8. MANUFACTURING & QUALITY

Pole: hot-dip galvanized carbon steel; ASTM A123; structural welding to AWS D1.1 as stated. Manufacturing standards: ISO 9001:2015 compliant. SAL1000-PRO lists CE, RoHS, FCC, and EMC.

## 9. TECHNICAL DOCUMENTATION

| DOCUMENT                       | AVAILABILITY                                                                                   |
|--------------------------------|------------------------------------------------------------------------------------------------|
| Product Data Sheets            | Solar Specific Light Pole and SAL1000-PRO product specification sheets                         |
| Engineering / Mounting Drawing | Detailed drawings available separately; approved dual-fixture assembly drawing to be confirmed |
| Installation Instructions      | Provided separately for project; project-specific foundation and hardware details required     |
| Certificate of Conformance     | Available separately                                                                           |
| Material Certifications        | Available separately when specified by purchase order / project requirements                   |
| Warranty                       | SAL1000-PRO: 1 year; pole per SF Industries terms                                              |

## 10. ORDERING INFORMATION

| FIELD                     | INFORMATION                                                  |
|---------------------------|--------------------------------------------------------------|
| Manufacturer              | SF Industries USA                                            |
| Manufacturer Part Numbers | SP-PRO-DH20 / SP-PRO-DH25 / SP-PRO-DH30                      |
| Unit of Measure           | EA (complete assembly)                                       |
| Package Quantity          | To be confirmed per order                                    |
| Standard Lead Time        | 8–10 weeks per source specification sheets; confirm at order |
| Country of Origin         | USA                                                          |