



## LightManufacturing LLC Sole Source Justification

### General Information

LightManufacturing LLC, founded in 2010, is the leading manufacturer of general-purpose heliostats (sun trackers) and heliostat control systems for industrial heating and architectural use. The firm's products, **including our flagship H1 Heliostat**, offer extremely high performance in simple, easy to use designs.

### Key Reasons for Sole Source of H1 Heliostat

- Simple to setup and use
- US Patent 12/916,066 (in process, granted) with 46 international patents filed
- Lowest cost per reflected Watt of any commercially available heliostat
- On-board wireless mesh-network connection
- Integral microprocessor for autonomous operation
- External computer not required for tracking
- No-glass reflector is shatterproof and safe
- Available software configures / targets up to 100 H1 heliostats
- No plastic mechanical components
- Fast targeting and boot-up time, < 100 seconds typical for boot, 10 sec. target
- Multi-target capability (more than 10 targets stored in on-board microprocessor)

### LightManufacturing Systems Heliostat Applications

- Industrial hot water / steam generation
- Plastics manufacturing (Solar Rotational Molding, Solar Thermoforming)
- Food processing / drying
- Industrial drying / curing operations

### Company Information:

Tax ID: 32-0293674

DUNS Num: 078459544

SIC Code: 34339904

Schedule B Number: 8419.89.9585

HS Code: 841989

FOB: Pismo Beach, California, USA

### How To Buy:

LightManufacturing is the manufacturer. The firm does not employ a distribution network.

Qualified customers can purchase products from LightManufacturing directly. International orders are prepaid via wire transfer, US orders are prepaid by wire, check or credit card.

### Contact:

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