

# LiteStar II

## Selected Features

- Compute area
- Navigate to stored marks and waypoints
- Return to last sprayed point
- Store, analyze, and retrieve field data (logging version only)
- Control spray and swath advance with optional remote switches
- Cover all types of field shapes with available patterns – Back-to-Back (left and right), Racetrack, Quick Racetrack, Reverse Racetrack, and Squeeze



LiteStar II is the ideal entry-level guidance system for aerial applicators, available in both a logging and non-logging model. The easy-to-follow lightbar indicators and intuitive controller will simplify and improve all types of spraying applications.

LiteStar II includes the LiteStar II controller, lightbar, Satloc SX- or SLX-based receiver and antenna, and \*MapStar software.



## Specifications

### Power

Voltage Input Range: 10 – 32 V  
Power Consumption: 8 W  
Current Consumption: 600 mA @ 12VDC

### Mechanical

#### Lightbar

Dimensions: 1.9 H x 13.4 W x 6.5 D inches  
(4.8 H x 34 W x 16.5 D cm)  
Weight: 4.2 lbs (2.02 kg)  
Weight (Mounting Kit): Up to 1.8 lbs (0.82 kg)

#### Controller

Dimensions  
Housing: 6.0 H x 4.7 W x 3.4 D in.  
(15.2 H x 11.9 W x 8.6 D cm)  
Display Screen: 28 x 64 pixels backlit, 4-line,  
15-character LCD display screen  
with graphics  
Weight: 1.9 lbs (0.86 kg)

#### Receiver (SLXg3)

Dimensions: 2.0 H x 4.9 W x 7.5 D in.  
(5.1 H x 12.4 W x 19.1 D cm)  
Weight: 1.60 lbs (0.73 kg)

#### Antenna

Dimensions: 3.6 H x 5.4 Dia in.  
(9.1 H x 13.7 Dia cm)  
Weight: 1.2 lbs (0.54 kg)

Weight:

#### Complete Cable Set

Weight: 3.4 lbs (1.54 kg)

#### Satloc SX- or SLX-Based Receiver

Update Rate: 1 - 20 Hz  
Data Output: NMEA, Satloc Binary  
GPS Channels: 12 parallel LI C/A code with  
carrier phase smoothing and  
multipath mitigation  
Differential Source: SBAS (WAAS, EGNOS, MSAS,  
GAGAN), e-Dif, \*\*OmniSTAR,  
\*\*Beacon  
Horizontal Accuracy: < 1.6 ft (< 0.5 m)

#### MapStar Software

Files Supported: DXF, MID/MIF, SHP, SWA, VRC,  
LOG, BMF, ASCII  
System Requirements: Pentium 100 MHz+ CPU, 54 MB+  
hard disk space, 64 MB+ RAM

\*Logging version only  
\*\*Select receivers only