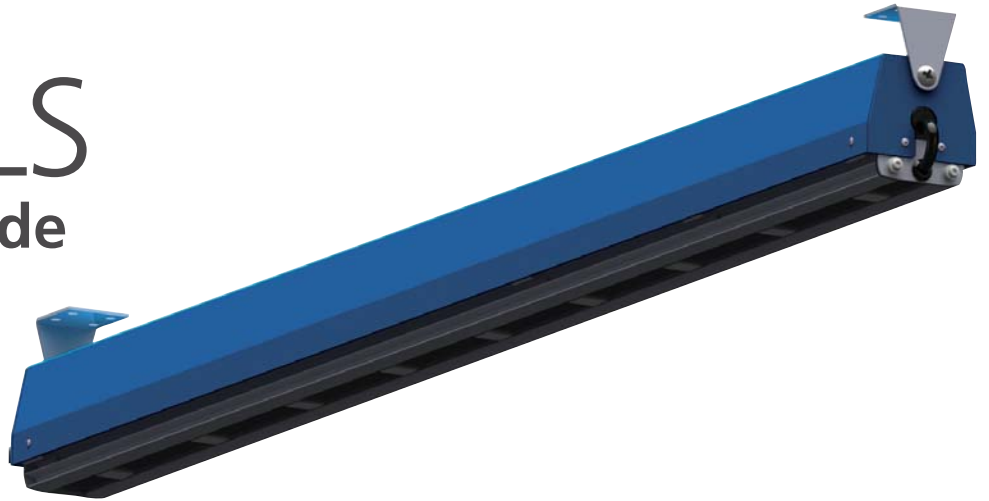


illumitex NeoSol LS

Commercial grade

LED plant growth
fixture for hobby
and home use



PRODUCT FEATURES

FEATURES

- Ultra-precision beam control
- Adjustable brackets for custom beam angle
- 9 Illumitex Surexi F3 LEDs
- Lightweight and completely silent
- No cooling fans
- Thin profile
- No assembly required
- IP66-rated waterproof LEDs

BENEFITS

- Promotes germination & flowering
- Maximum photosynthetic light on plants
- LED performance greater than 100W HPS
- Edge-to-edge color uniformity
- 60,000 hour LED lifetime

APPLICATIONS

- Growth chambers and tents
- Grow rooms
- Hobbies

PLANT GROWTH LIGHTING



The NeoSol LS is the only commercial-grade LED plant growth fixture designed for home and hobby projects. Available with Illumitex Surexi F3 Spectrum LEDs (static spectrum), the slim fixture design maximizes volumetric area for plant growth and minimizes fixture weight and energy consumption. Illumitex LED technology produces high Photosynthetically Active Radiation (PAR) values with superior light utilization and beam uniformity.

NeoSol LS

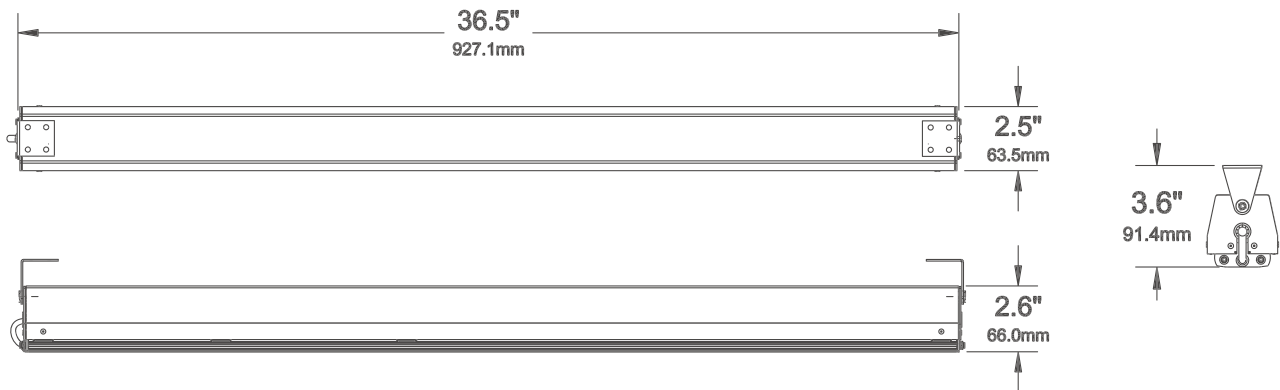
TECHNICAL SPECIFICATIONS

Input Voltage: 120
 Drive Current: 530mA
 Wattage: 50W
 Finish: Clear anodized finish on bar;
 blue powder-coat on housing

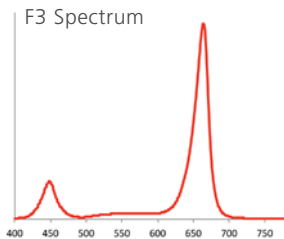
Environmental Rating: IP66 per IEC529
 Fixture Weight: 8 lbs.
 Dimensions: 37 x 3 x 3 in.
 Certifications:



DIMENSIONAL DRAWINGS



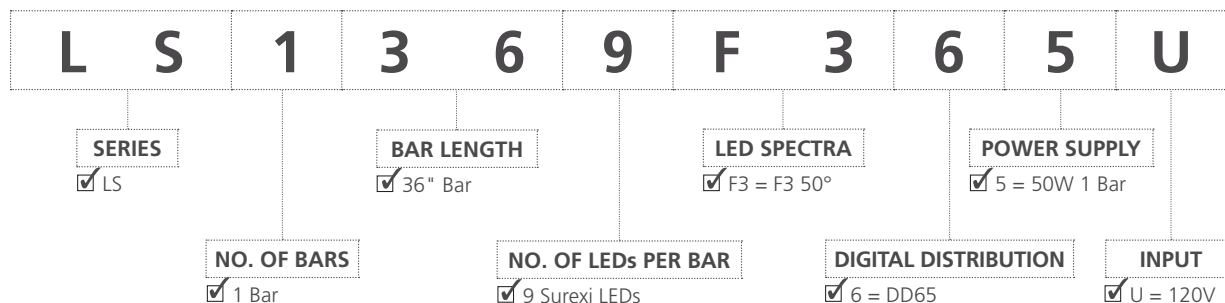
SPECTRUM & PHOTOMETRICS



Spectrum	F3
Beam Angle	50°
Digital Distribution	DD65
Radiometric Watts (W)	11.5
PPF Typical (µmol/s)	57
PPF/Wel Typical (µmol/J)*	1.2
Electrical Watts	43

Assumptions on power: Use 55C ETO data; assume 530mA drive current
 * Including external power supply with 88% efficiency

ORDERING GUIDE



1 512 279 5020 | www.illumitex.com

