

FEATURES & SPECIFICATIONS

General Description

The NeoSol™ LS grow light is suitable for a wide range of horticulture lighting applications including propagation of vegetative or flowering plants in grow tents and compact growing areas. May be used in vertically stacked orientation of two or more layers of grow trays and NeoSol™ fixtures. Equivalent to 100W HID performance, giving growers more than 50% energy savings.

Mechanical Construction

One 36" extruded aluminum LED bar and formed aluminum housing. 9 ultra-efficient Illumitex Surexi™ F3 LED arrays. IP66-rated LED bar construction. Passive cooling.

Electrical Specifications

120VAC input voltage with a 15' cord and 3-prong plug.

LEDS

The fixture utilizes Illumitex's patented, high-power Surexi™ LED packages. Each LED package consists of 16 individual LED die and is protected against dust particle and water intrusion. Illumitex's patented Digital Distribution™ optical technology ensures that 65% of the light emitted is contained within the 50° beam angle.

Weight

8 lbs.

Finish

Clear anodized finish on bars. Blue powder-coat finish on housing.

Testing and Compliance

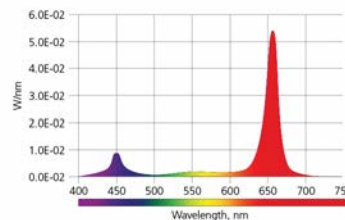
- IP66-rated LED bar
- ROHS compliant
- ETL/cETL listed
- 5-year warranty
- 60,000 life to L70



GROWTH LIGHTING

Surexi™ Horticulture LED Series

F3 SPECTRUM



F3 WAVELENGTH MIX

Blue (400 - 499nm)	11.0%
Green (500 - 599nm)	7.7%
Red (600 - 699nm)	81.0%
Far Red (700 - 780nm)	0.3%

BEST FOR GERMINATION THROUGH FLOWERING

The workhorse and most popular spectrum from Illumitex, F3 produces the fastest germination and drives the best vegetative and flowering results among all of the Surexi™ spectra options. In addition to the blue and red wavelengths, the F3 spectrum contains a small amount of green which is beneficial for the quality assessment of plants. The F3 spectrum is recommended for use in growth chambers as well as controlled environment agriculture operations of any size.

DIMENSION LINE DRAWINGS

