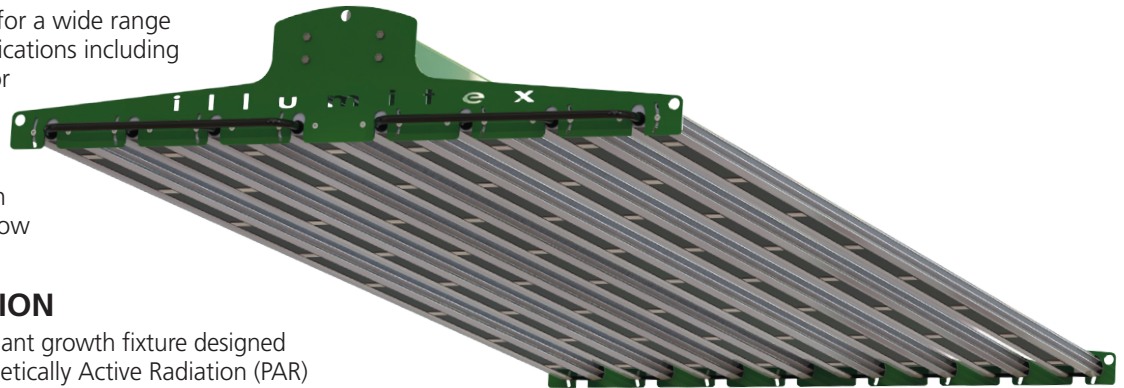


# NEOSOL™ DS

## Features and Specifications

### APPLICATIONS

The NeoSol™ DS is suitable for a wide range of horticulture lighting applications including propagation of vegetative or flowering plants in grow tents or compact growing areas. May be used in vertically stacked orientation of two or more layers of grow trays and NeoSol fixtures.



NeoSol™ DS  
- bottom view

### GENERAL DESCRIPTION

The NeoSol™ DS is an LED plant growth fixture designed to produce high Photosynthetically Active Radiation (PAR) values with unsurpassed beam uniformity and excellent light utilization. Available with Illumitex Surexi F3 LEDs. Slim fixture design maximizes volumetric area for plant growth and minimizes fixture weight. 1000W HID equivalent at 50% energy savings.

### ELECTRICAL

120VAC input voltage with 15' cord and 3-prong plug. Integral 530mA drivers and manual dimming via top-mounted dimming knob. Dimmable down to 10%.

### MECHANICAL

Eight 48" extruded aluminum LED bars and formed aluminum end caps and housing. 96 Illumitex Surexi F3 LEDs total. IP66 rated drivers and LED bar construction.



NeoSol™ DS  
- top view

### FINISH

Clear anodized finish on bars. Forest green powder-coat on housing.

### TESTING AND COMPLIANCE

- ETL/cETL listing
- RoHS compliant



### PART NO. ORDERING GUIDE

Enter the 1-2 character code for each boxed category in the corresponding field.

|                                 |                                  |                                   |  |                                   |                                  |  |                          |
|---------------------------------|----------------------------------|-----------------------------------|--|-----------------------------------|----------------------------------|--|--------------------------|
| <b>DS</b>                       | <b>8</b>                         | <b>48</b>                         | <b>12</b>  | <b>F3</b>                         | <b>6</b>                         | <b>52</b>                              | <b>U</b>                 |
| <b>SERIES</b><br>DS = NeoSol DS | <b>NO. OF BARS</b><br>8 = 8 bars | <b>BAR LENGTH</b><br>48 = 48" bar | <b>NO. OF LEDs PER BAR</b><br>12 = 12 LEDs per bar | <b>LED SPECTRA</b><br>F3 = F3 50° | <b>DIGITAL DIST.</b><br>6 = DD65 | <b>POWER SUPPLY</b><br>52 = 520W 8 Bar | <b>INPUT</b><br>U = 120V |

### illumitex.com

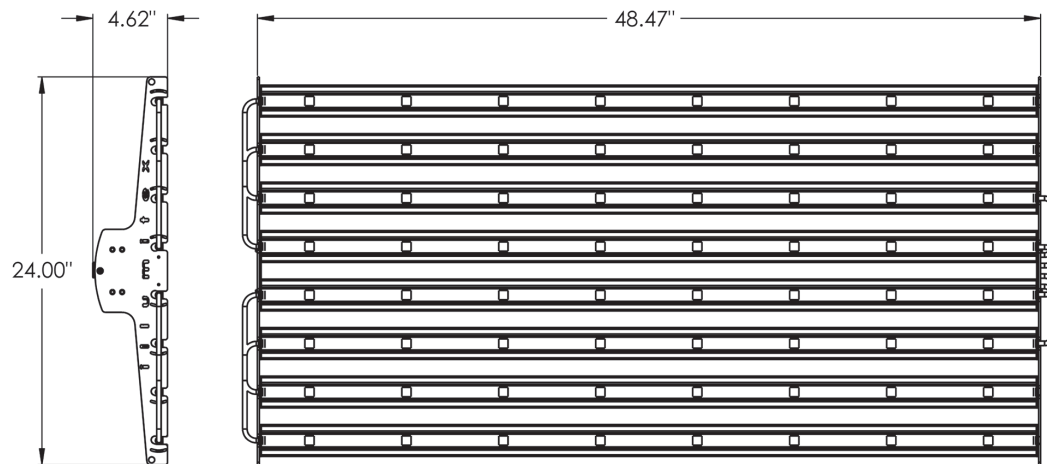
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# NEOSOL™ DS

## DIMENSIONS

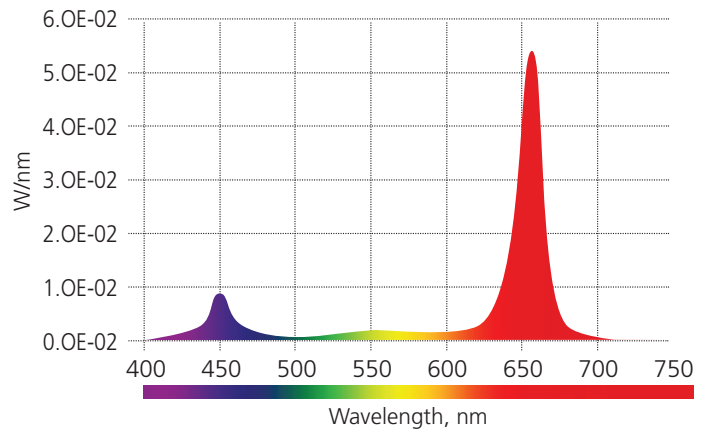
NeoSol™ DS



## F3 SPECTRUM

Best for Germination and Flowering

This spectrum produces the fastest germination for plant species whose germination requires light. It also gives the best flowering results among all Surexi™ spectra. Recommended for use in germination chambers and for flower production.



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