

ECLIPSE SUREXI FIXTURE

ES SERIES

FEATURES & SPECIFICATIONS

GENERAL DESCRIPTION

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™ (static spectrum) and Ageo™ (dynamic spectrum) LEDs. Slim fixture design maximizes volumetric area for plant growth and minimizes fixture weight.

ELECTRICAL

Modular design allows for universal power supply of 120V-277V and for remote power supply placement. Standard offerings are in 24-inch and 48-inch lengths.

TESTING & COMPLIANCE

IP66 classified per IEC529

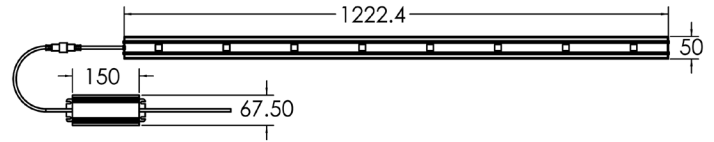
FINISH

Clear anodized finish

APPLICATIONS

Suitable for a wide range of horticulture applications including greenhouses, vertical farms, growth chambers and tissue culture laboratories. May be used in hydroponic and aeroponic installations.

FIXTURE DIMENSIONS (mm)



PART NO. & ORDERING

Write the 1-4 character code for each boxed category in the corresponding field.

SERIES	LIGHT BAR LENGTH	LED SPECTRA	WATTAGE	FINISH	OPTIONS				
<input type="checkbox"/> ES	<input type="checkbox"/> 24 = 24" BAR <input type="checkbox"/> 48 = 48" BAR	CUSTOM <input type="checkbox"/> F1 = F1 50° <input type="checkbox"/> F3 = F3 50° <input type="checkbox"/> X5 = X5 50° <input type="checkbox"/> F6 = F6 50° <input type="checkbox"/> F7 = F7 50° ⁽¹⁾ SUPPLEMENTAL <input type="checkbox"/> 45 = 450 nm 50° ⁽¹⁾ <input type="checkbox"/> 52 = 525 nm 50° ⁽¹⁾ <input type="checkbox"/> 62 = 620 nm 50° <input type="checkbox"/> 66 = 660 nm 50° <input type="checkbox"/> 73 = 730 nm 50°	CONSTANT CURRENT <input type="checkbox"/> 35C = 35W Constant Current Driver 33V 1A ⁽³⁾ <input type="checkbox"/> 75C = 75W Constant Current Driver 36V 2A <input type="checkbox"/> 75V = 75W Constant Voltage Driver 36V 2A ⁽²⁾ CONSTANT VOLTAGE <input type="checkbox"/> 50C = 50W Constant Current Driver 48V 1.1A ⁽³⁾ <input type="checkbox"/> 85C = 85W Constant Current Driver 42V 2A ⁽¹⁾ <input type="checkbox"/> 96V = 96W Constant Voltage Driver 48V 2A ^(1,2)	<input type="checkbox"/> C = Clear Anodize	CABLE (ft) <input type="checkbox"/> 10 = 10' from Remote Enclosure HANGER <input type="checkbox"/> B = Mounting Brackets PLUG <input type="checkbox"/> P = Wall Plug, 3 Prong for 120V Only ⁽³⁾ CONTROLLER <input type="checkbox"/> D = Dimmable ⁽²⁾				
NO. OF BARS	# OF LED PER BAR		DIGITAL DISTRIBUTION	INPUT					
<input type="checkbox"/> 1 = ONE BAR	<input type="checkbox"/> 06 = 6 Qty LEDs <input type="checkbox"/> 12 = 12 Qty LEDs		<input type="checkbox"/> 6 = DD65 <input type="checkbox"/> 8 = DD85	<input type="checkbox"/> U = 120-277V 50/60HZ					

1. 50C, 85C, and 96V Drivers are required if F7, 450 nm, and 525nm LED are use in Light Bar
 2. 75V and 96V Drivers do not have dimming capability
 3. 35C and 50C Drivers are required on 24" Light Bars
 4. P = Plug that can only be used for 125VAC Applications ONLY



illumitex.com
 5307 Industrial Oaks Blvd., Suite 100
 Austin, TX 78735
 Tel: +1 512.279.5020
 © 2011 Illumitex Inc. All rights reserved.
 The information in this document is subject to change without prior notice. 1/26/12

ECLIPSE SUREXI FIXTURE

ES SERIES

TECHNICAL SPECIFICATIONS



illumitex

Precision Light. *Infinite Possibilities.*

illumitex.com

5307 Industrial Oaks Blvd., Suite 100

Austin, TX 78735

Tel: +1 512.279.5020

© 2011 Illumitex Inc. All rights reserved.

The information in this document is subject to change without prior notice. 1/26/12

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Illumitex:](#)

[ES14812F36-75EUC](#)