

Pro Series E

Smart Horticultural Lighting

Each LumiGrow Pro Series E fixture comes enabled with full-power functionality for maximum light intensity and robust plant growth.

For automated control over light intensity, spectrum, and photoperiod, upgrade by syncing your fixtures to the LumiGrow smartPAR™ Wireless Control System.

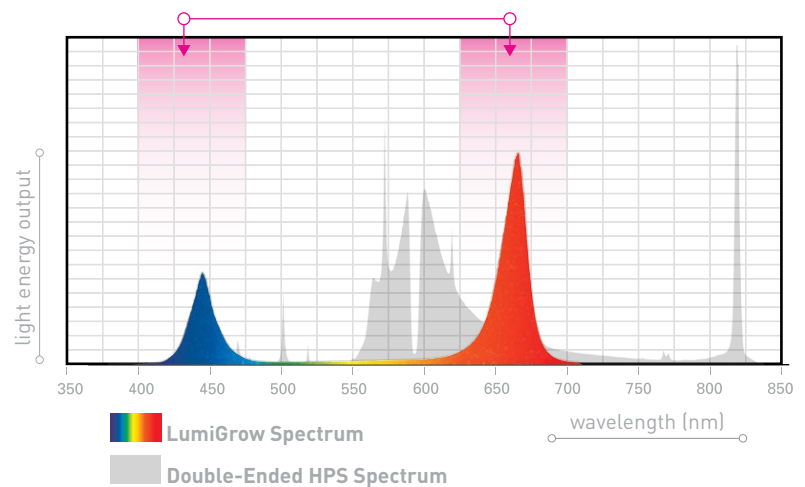


Get More Light With Less Energy

Features and Benefits

- Achieve up to 70% in energy savings versus HID
- Adjustable-spectrum (w/ smartPAR)
- Runs cooler than HID lighting
- Small hardware footprint minimizes plant canopy shadowing
- RoHS Compliant (mercury and lead-free)
- cUL / UL and CE certified
- 5 – Year Warranty
- White Light View Mode
- Maintains light output longer than HID

Targeted Output Drives Healthy Plant Response



Pro Series E Spectral Output

Blue Light (400-500nm)	20%
Green Light (501-600nm)	5%
Red Light (601-700nm)	75%

Stay Rooted To Your Grow w/ smartPAR

- When you order smartPAR, LumiGrow ships you smartPAR wi-fi modules for all of your LumiGrow fixtures
- Our smartPAR Implementation Specialist visits you on-site to provision the smartPAR network
- Begin controlling your lights from any phone, tablet, or computer!



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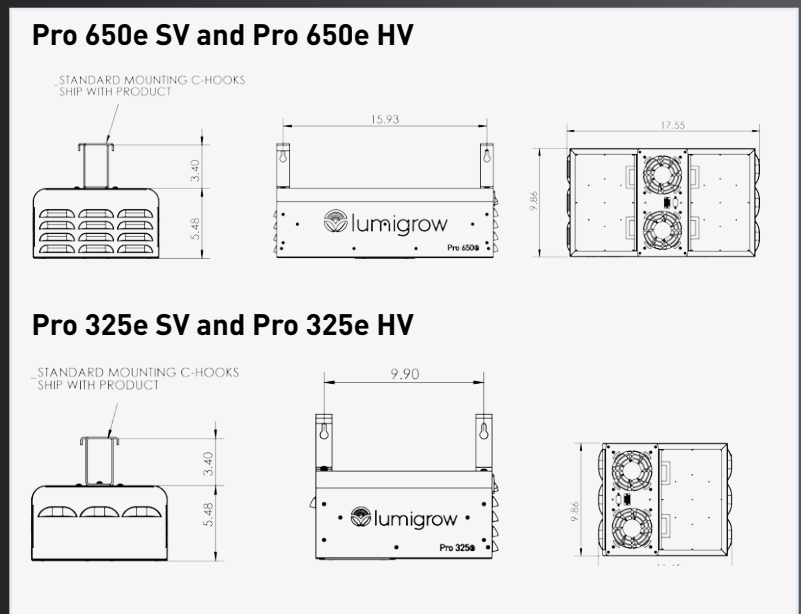
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All Pro Series E fixtures come smartPAR-ready and can be upgraded with smartPAR wireless control and spectral-adjustability.

The smartPAR Wireless Control System is sold separately, and comes with wi-fi modules and on-site network implementation.

Mounting Accessories

MODEL	DESCRIPTION
8100-2022	C Hanger, 2" (2 pcs) - up to 2" strut
8320-0001	V Hanger (2 pcs)



	Pro 325e SV	Pro 325e HV	Pro 650e SV	Pro 650e HV
Product Codes	8100-6701	8100-6702	8100-7701	8100-7702
Typical Operating Voltage	100-240 V _{AC}	277-480 V _{AC}	100-240 V _{AC}	277-480 V _{AC}
Typical Power Consumption	297 Watts	300 Watts	595 Watts	600 Watts
Typical Operating Current	2.5A @ 120 V _{AC} 1.2A @ 240 V _{AC}	1.1A @ 277 V _{AC} 0.6A @ 480 V _{AC}	5.0A @ 120 V _{AC} 2.5A @ 240 V _{AC}	2.2A @ 277 V _{AC} 1.3A @ 480 V _{AC}
Operating Frequency	50-60 Hz			
Power Factor	> 0.90			
Operating Temperature	32° F to 104° F (0° C to 40° C)			
Typical Photon Flux	600 μmol/s		1200 μmol/s	
PPF/W	2 μmol/W	2 μmol/W	2 μmol/W	2 μmol/W
Heat Output	1007 BTU/hr (0.30 kW)	990 BTU/hr (0.29 kW)	1996 BTU/hr (0.59 kW)	1979 BTU/hr (0.58 kW)
Dimmability For Dynamic Control via SmartPAR	Blue, White and Red (0 to 100% per LED channel)			
Software Control	smartPAR™ Ready - Wireless Control Software (additional equipment required)			
Dimensions	10" W x 12" L x 5-1/2" H (254 mm x 305 mm x 140 mm)		10" W x 18" L x 5-1/2" H (254 mm x 457 mm x 140 mm)	
Weight	9 lbs (4 kg)	10 lbs (4.5 kg)	21 lbs (9.5 kg)	21.5 lbs (9.7 kg)
Cords	Standard Voltage (SV) comes with 120V AC, Nema 5-15P to IFC60320-C13, 18AWG, 10' cord High Voltage (HV) comes with 3C, Bare Wire, 16AWG, 10' cord			
Mounting	All fixtures come standard with 2 C-hangers (V-hanger available)			
All specifications are subject to change without notice				
Note: all numbers are typical				
Note: Heat output is calculated using entire system power (electrical and optical)				