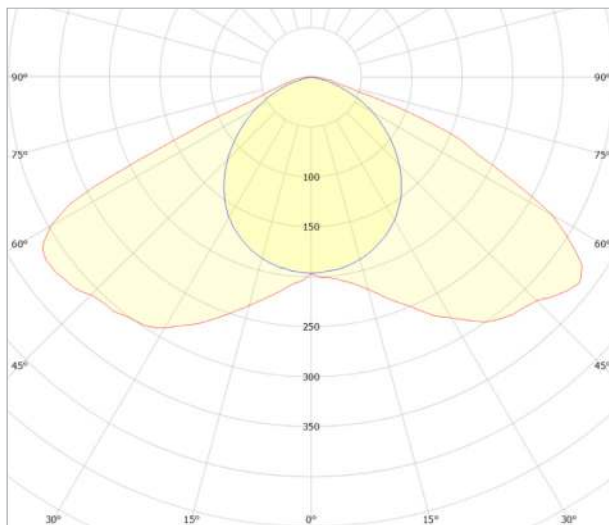




OPTIMAL LIGHT UNIFORMITY AND DISTRIBUTION

Designed to deliver optimal light intensity and uniformity across, and deep within, the crop canopy—the ParFX™ BalensBeam is the ideal lighting solution for tall (highwire) crops and/or applications where mounting heights are limited.



KEY FEATURES & BENEFITS INCLUDE:

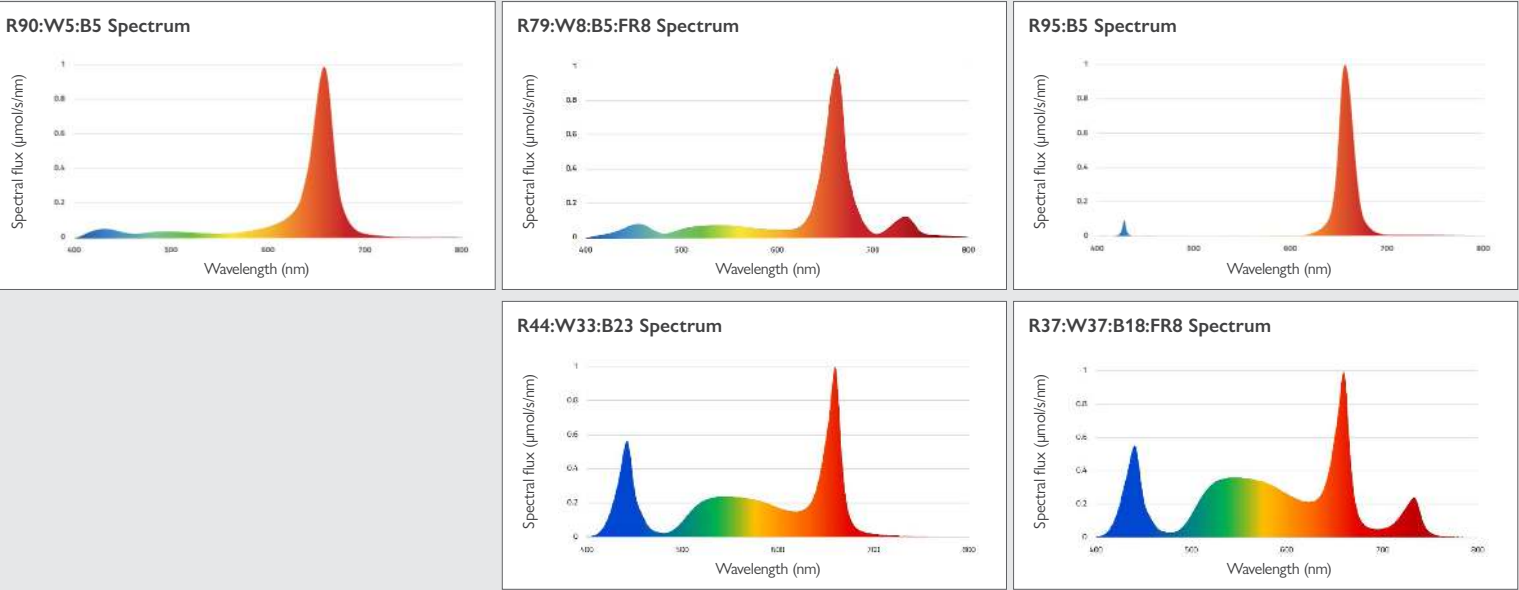
- Optimized light distribution in both the horizontal and vertical planes for unparalleled uniformity across and within the canopy.
- Linear design for minimal shadowing.
- Highly robust, quality construction for years of reliable operation within CEA environments.
- Multiple spectral recipe options.

The luminaire delivers optimized PAR light intensity in both the horizontal & vertical planes to ensure uniform light distribution across the surface of the crop, as well as deep within the canopy.

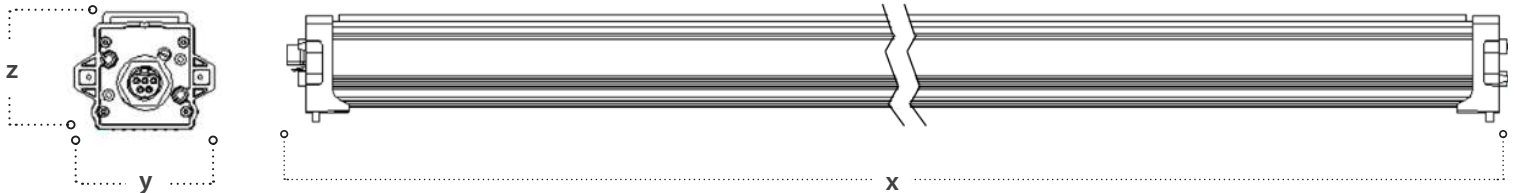


Optimum Color Efficiency

All ParFX™ BalensBeam spectral recipes designed for optimal efficiencies.



DIMENSIONS	Length (x)	Width (y)	Height (z)	Weight
	48.98 in (1244 mm)	3.96 in (100.6 mm)	3.37 in (85.7 mm)	9.17 lb. (4.17 kg)



TECHNICAL SPECIFICATIONS†					
Rated Main Voltage	208-400V				
Amperage (max)	208V	240V	277V	347V	400V
	1.11	0.96	0.83	0.66	0.58
Power	230W				
Light Source	LED				
Photon Flux (350-800nm)	R90:W5:B5	R79:W8:B5:FR8	R95:B5	R44:W33:B23	R37:W37:B18FR8
	805 μmol/s	780 μmol/s	830 μmol/s	600 μmol/s	628 μmol/s
Photon Efficacy (350-800nm)	R90:W5:B5	R79:W8:B5:FR8	R95:B5	R44:W33:B23	R37:W37:B18FR8
	3.5 μmol/J	3.4 μmol/J	3.6 μmol/J	2.6 μmol/J	2.7 μmol/J
Power Factor	>0.98				
Dimming	Digital Dim to Off* (Default) / PLC Dim to Off**				
Input Frequency	50/60Hz				
Environment	35°C Max. Ambient Operating Temperature; Suitable for Wet Locations				
Lifetime (L90)	L90B5 at 36,000 hours‡				

†Accurate to ± 10%
‡Scientifically extrapolated calculation for Par Maintenance of light is L90B5 at 36,000hrs (this means that expected lifespan of LEDs is defined as ≤5% of luminaires can depreciate below the expected 90% PAR maintenance within 36,000 hours). Limited warranty for a period of five (5) years, from date of invoice.
*Digital dimming is based on RS485 standard. Compatible with HLP protocol module enabled climate control systems. Luminaire can be dimmed to 30% of max light output. **Power Line Communication (PLC) dimming requires the purchase of PL. Light Systems supplied transmitter system, with the gateway connecting to the customer's climate computer via Modbus TCP/IP. Customer's climate computer must utilize HLP.