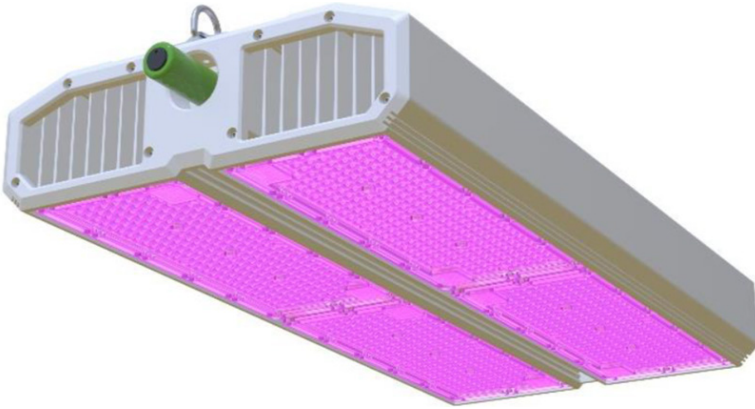




T: 905.563.4133  
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# P.L. LIGHT SYSTEMS

THE LIGHTING KNOWLEDGE COMPANY



PRODUCT	ParFX™ Ultra Max (3-Channel)
Project	
Notes	



## TECHNICAL SPECIFICATIONS<sup>†</sup>

Rated Main Voltage	277-400V			
Amperage (max)		277V	347V	400V
	CHANNEL 1	4.3	3.5	3.0
	CHANNEL 2	0.5	0.4	0.3
	CHANNEL 3	0.7	0.6	0.5
Power	CHANNEL 1	1200W		
	CHANNEL 2	130W		
	CHANNEL 3	190W		
Light Source	LED			
Spectrum	CHANNEL 1	95% Red 5% Blue (4585 µmol/s @ 100%)		
	CHANNEL 2	Far-Red (365 µmol/s @ 100%)		
	CHANNEL 3	White (400 µmol/s @ 100%)		
Photon Flux (350-800nm)	Sample Recipe 1: R95:B5	Sample Recipe 2: R89:V5:B6	Sample Recipe 3: R81:V5:B6:FR8	
	4585 µmol/s	4345 µmol/s	4270 µmol/s	
Photon Efficacy (350-800nm)	Sample Recipe 1: R95:B5	Sample Recipe 2: R89:V5:B6	Sample Recipe 3: R81:V5:B6:FR8	
	3.82 µmol/J	3.62 µmol/J	3.56 µmol/J	
Power Factor	>0.97			
Input Frequency	50/60Hz			
Environment	35°C Max. Ambient Operating Temperature; Suitable for Wet Locations			
Lifetime (L90)	L90B5 at 50,000 hours*			

<sup>†</sup>Accurate to ± 10%      \*Scientifically extrapolated calculation for Par Maintenance of light is L90B5 at 50,000hrs (this means that expected lifespan of LEDs is defined as ≤5% of luminaires can depreciate below the expected 90% PAR maintenance within 50,000 hours).

## SPECIFICATION

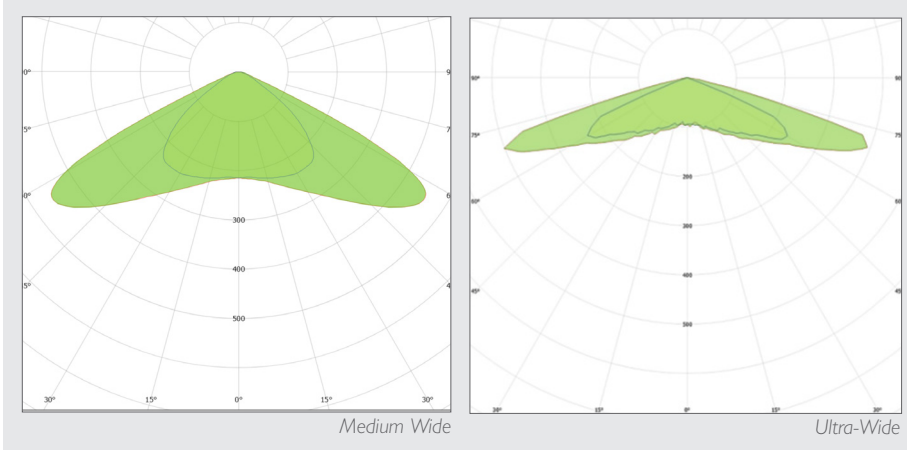
1. LUMINAIRE	2. CHANNELS	3. COLOUR SPECTRUM	4. VOLTAGE	5. DIMMING
ParFX Ultra Max	3-Channel	Dynamic	277-400V	Digital Dim to Off*  <small>*Digital dimming is based on RS485 standard.</small>

Limited warranty for a period of five (5) years, from date of invoice.

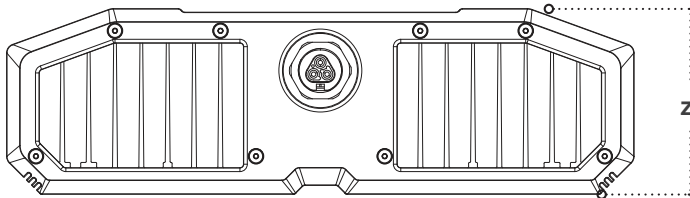


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The ParFX Ultra Max lens, is optically engineered to deliver a medium- or ultra-wide batwing light distribution for exceptional uniformity. This ideal combination of wide light distribution and exceptionally high light output, enables wider spacing, so growers can achieve desired light levels—evenly across the surface of the crop—with fewer luminaires.



DIMENSIONS	
Length (x)	27.87 in (708 mm)
Width (y)	15.16 in (385 mm)
Height (z)	4.13 in (105 mm)
Weight	35.3 lb. (16.0 kg)

