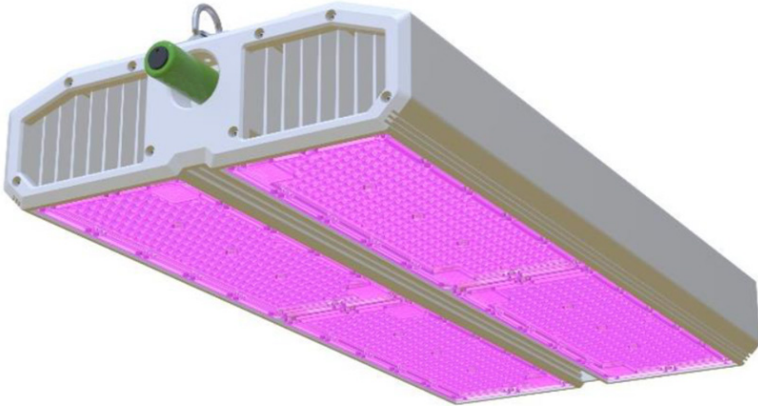




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P.L. LIGHT SYSTEMS

THE LIGHTING KNOWLEDGE COMPANY



PRODUCT	ParFX™ Ultra (Dual-Channel)
Project	
Notes	



TECHNICAL SPECIFICATIONS¹

Rated Main Voltage	277-400V						
Amperage (max)	277V		347V		400V		
	CHANNEL 1	CHANNEL 2	CHANNEL 1	CHANNEL 2	CHANNEL 1	CHANNEL 2	
Ultra	2.7	0.3	2.2	0.2	1.9	0.2	
Ultra Plus	3.8	0.3	3.0	0.3	2.6	0.2	
Ultra Max	4.3	0.4	3.4	0.3	3.0	0.3	
Power	CHANNEL 1			CHANNEL 2			
	Ultra	750W			85W		
	Ultra Plus	1040W			95W		
	Ultra Max	1170W			115W		
Light Source	LED						
Spectrum	CHANNEL 1			CHANNEL 2			
	R90:W5:B5			FR			
Photon Flux	Mode 1 (CH1-ON, CH2-OFF)		Mode 2 (CH1-OFF, CH2-ON)		Mode 3 (CH1-ON, CH2-ON)		
	Ultra	2700 µmol/s		281 µmol/s		2675 µmol/s	
	Ultra Plus	3744 µmol/s		314 µmol/s		3716 µmol/s	
	Ultra Max	4308 µmol/s		379 µmol/s		4274 µmol/s	
Photon Efficacy	Mode 1 (CH1-ON, CH2-OFF)		Mode 2 (CH1-OFF, CH2-ON)		Mode 3 (CH1-ON, CH2-ON)		
	3.6 µmol/J		3.3 µmol/J		3.5 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*						

¹Accurate 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

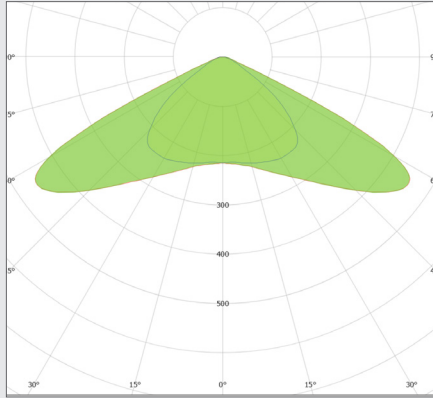
1. LUMINAIRE	2. CHANNELS	3. COLOUR SPECTRUM	4. VOLTAGE	5. DIMMING
ParFX Ultra ParFX Ultra Plus ParFX Ultra Max	Dual-Channel	R90:W5:B5+FR8	277-400V	Digital Dim to Off* <small>*Digital dimming is based on RS485 standard. By default, luminaire operates at 100% on CHANNEL 1.</small>

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

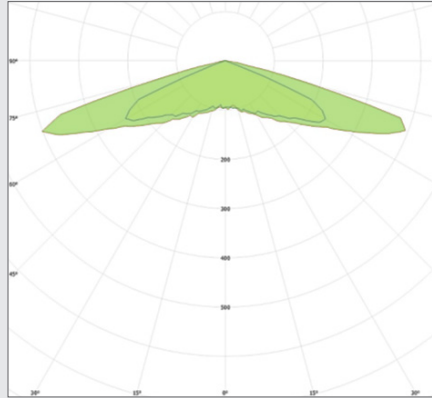


P.L. LIGHT SYSTEMS

THE LIGHTING KNOWLEDGE COMPANY



Medium Wide



Ultra-Wide

The ParFX Ultra's lens is optically engineered to deliver a wide or ultra-wide batwing 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

	Ultra	Ultra Plus	Ultra Max
Length (x)	24.41 in (620 mm)	22.91 in (582 mm)	27.87 in (708 mm)
Width (y)	11.65 in (296 mm)	13.98 in (355 mm)	13.98 in (355 mm)
Height (z)	3.58 in (91 mm)	4.13 in (105 mm)	4.13 in (105 mm)
Weight	22.1 lb. (10 kg)	28.7 lb. (13 kg)	34.8 lb. (15.8 kg)

