

T: 905.563.4133 www.pllight.com

THE LIGHTING KNOWLEDGE COMPANY



PRODUCT	ParFX <sup>™</sup> Ultra (Single-Channel)
Project	
Notes	



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

	277-480∨							
	277∨		347V		400V		480V	
Ultra	2.70		2.16		1.88		1.56	
Ultra Plus	3.75		3.00		2.60		2.17	
	R95:B5	R90:W5:B5	R80:W5:B7:FR8	R37:W37:B18:FR8	R57:VV30:B12:FR1	R78:W9:B5:FR8	R85:W5:B5:FR5	R40:VV40:B18:FR2
Ultra	750W	750W	750₩	750VV	750W	750VV	750W	N/A
Ultra Plus	1040W	1040VV	1040VV	1040VV	1040VV	1040VV	1040VV	1040VV
	LED							
	R95:B5	R90:W5:B5	R80:W5:B7:FR8	R37:W37:B18:FR8	R57:VV30:B12:FR1	R78:W9:B5:FR8	R85:W5:B5:FR5	R40:VV40:B18:FR2
Ultra	2827 µmol/s	2774	2849 µmol/s	2215 µmol/s	2189 µmol/s	2819 µmol/s	2929 µmol/s	N/A
Ultra Plus	4019 µmol/s	3813	3945 µmol/s	2990 µmol/s	3140 µmol/s	3869 µmol/s	3817 µmol/s	2765 µmol/s
	R95:B5	R90:W5:B5	R80:VV5:B7:FR8	R37:W37:B18:FR8	R57:VV30:B12:FR1	R78:W9:B5:FR8	R85:W5:B5:FR5	R40:VV40:B18:FR2
Ultra	3.7 µmol/J	3.7 µmol/J	3.8 µmol/J	2.9 µmol/J	2.9 µmol/J	3.8 µmol/J	3.6 µmol/J	N/A
Ultra Plus	3.9 µmol/J	3.7 µmol/J	3.8 µmol/J	2.9 µmol/J	3.0 µmol/J	3.8 µmol/J	3.7 µmol/J	2.72 µmol/J
	>0.97							
	50/60Hz							
	35°C Max. Ambient Operating Temperature; Suitable for Wet Locations							
	L90B5 at 50,000 hours*							
	Ultra Plus Ultra Plus Ultra Plus Ultra Plus Ultra Plus Ultra Plus	2277           Ultra         2.70           Ultra         2.70           Ultra         3.75           R95:B5         750W           Ultra         750W           Ultra         1040W           R95:B5         8           Ultra         2827 µmol/s           Ultra         2827 µmol/s           Ultra         4019 µmol/s           R95:B5         3.7 µmol/j	$277 \vee$ Ultra $2.7 \vee$ Ultra Plus $3.7 \vee$ Image: Plane Pl	$2777\vee$ $3^{4}$ Ultra $2.70$ $2$ Ultra Plus $3.75$ $3^{3}$ R95:B5       R90:W5:B5       R80:W5:B7:FR8 $3^{3}$ Ultra       750W       750W       750W         Ultra       1040W       1040W       1040W         Ultra       1040W       1040W       1040W         Ultra       2827 µmol/s       2774       2849 µmol/s         Ultra       2827 µmol/s       3813       3945 µmol/s         Ultra       4019 µmol/s       3813       3945 µmol/s         Ultra       3.7 µmol/j       3.8 µmol/j       3.8 µmol/j         Ultra       3.9 µmol/j       3.7 µmol/j       3.8 µmol/j	Image: Second	Image: Normal System $277V$ $347V$ $40$ Ultra $2.70$ $2.16$ $1.4$ Ultra $3.75$ $3.00$ $2.70$ R95:B5         R90:W5:B5         R80:W5:B7:FR8         R37:W37:B18:FR8         R57:W30:B12:FR1           Ultra         750W         750W         750W         750W         750W           Ultra         1040W         1040W         1040W         1040W         1040W           Ultra         1040W         1040W         1040W         1040W         1040W           Ultra         2827 µmol/s         2774         2849 µmol/s         2215 µmol/s         2189 µmol/s           Ultra         2827 µmol/s         3813         3945 µmol/s         2990 µmol/s         3140 µmol/s           Ultra         2.9 µmol/j         3.7 µmol/j         3.7 µmol/j         3.8 µmol/j         2.9 µmol/j         2.9 µmol/j           Ultra         3.7 µmol/j         3.7 µmol/j         3.8 µmol/j         2.9 µmol/j         3.0 µmol/j           Ultra         3.9 µmol/j         3.7 µmol/j         3.8 µmol/j         2.9 µmol/j         3.0 µmol/j           Ultra         3.9 µmol/j         3.7 µmol/j         3.8 µmol/j	Image: Normal System $3277∨$ $347∨$ $400∨$ Ultra $2.70∨$ $2.16∨$ $1.8$ Ultra Plus $3.75∨$ $890⋅W5.85$ $880⋅W5.87.FR8$ $837.W37.B18.FR8$ $877.W30.B12.FR1$ $878.W9:B5.FR8$ Ultra         750∨         750∨         750∨         750∨         750∨         750∨           Ultra         750∨         750∨         750∨         750∨         750∨         750∨           Ultra         1040∨         1040∨         1040∨         1040∨         1040∨         1040∨           Ultra         2827 µmol/s         2774         2849 µmol/s         2215 µmol/s         2189 µmol/s         2819 µmol/s           Ultra         4019 µmol/s         3813         3945 µmol/s         2990 µmol/s         3140 µmol/s         3869 µmol/s           Ultra         3.7 µmol/j         3.	Image: Mark to the matrix tothematred tothematrix tothematrix tothematred to the matrix t

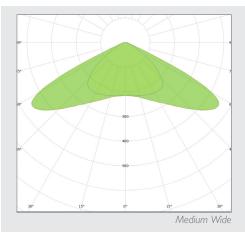
<sup>†</sup>Accurate to ± 10% \*Scientifically extrapolated calculation for Par Maintenance of light is L90B5 at 50,000hrs (this means that expected lifespan of LEDs is defined as <5% of luminaires can depreciate below the expected 90% PAR maintenance within 50,000 hours).

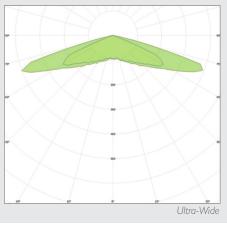
SPECIFICATION						
1. LUMINAIRE	2. CHANNELS	3. COLOUR SPECTRUM	4. VOLTAGE	5. DIMMING		
ParFX Ultra ParFX Ultra Plus	Single-Channel	R95:B5* R90:W5:B5* R80:W5:B7: FR8* R37:W37:B18:FR8* R57:W30:B12:FR1* R78:W9:B5:FR8* R85:W5:B5:FR8* R40:W40:B18:FR2* R90:W5:B5+FR8 (2-CH)** Custom	277-400V 480V	0-10V* DIM (default) Digital Dim to Off** *Luminaire is designed as a 0-10V sourcing supply, and is compatible with most major environmental control systems that use 0-10V sinking protocols—including: Hoogendoorn, Argus Control Systems, Priva and Wadsworth Control Systems. **Digital dimming is based on RS485 standard.		
Limited warranty for a period of five (5) years. from date of invoice.						

Due to continuous product improvements, specifications and dimensions are subject to change without notice. Certain options have limited compatibility with some other product selections. Consult www.pllight.com for most current technical information.



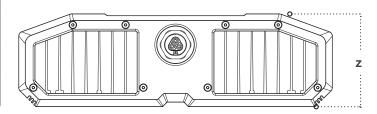
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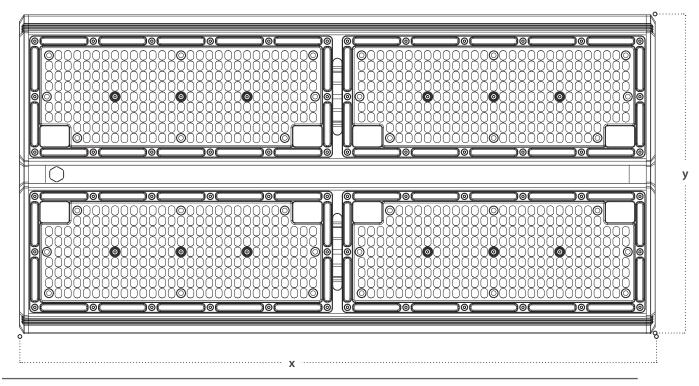




The ParFX Ultra's lens is optically engineered to deliver a wide or ultra-wide batwing distribution for exceptional uniformity. This ideal combination of wide light distribution and exceptionally high light output enables wider spacing, so growers can achieve desired light levels—evenly across the surface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

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





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