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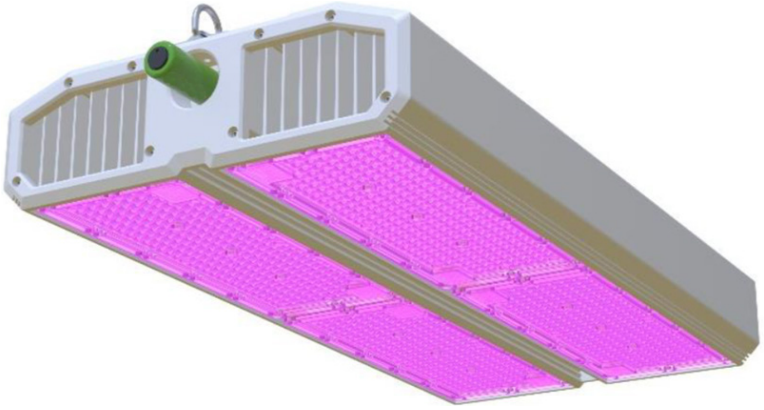

PRODUCT	ParFX™ Ultra Max (4-Channel)
Project	
Notes	

TECHNICAL SPECIFICATIONS†

Rated Main Voltage		277-400V			
Amperage (max)		277V	347V	400V	
	CHANNEL 1	4.3	3.5	3.0	
	CHANNEL 2	0.5	0.4	0.4	
	CHANNEL 3	0.8	0.6	0.6	
	CHANNEL 4	0.4	0.3	0.3	
Power	CHANNEL 1	1200W			
	CHANNEL 2	140W			
	CHANNEL 3	220W			
	CHANNEL 4	100W			
Light Source		LED			
Spectrum	CHANNEL 1	Red (5,376 µmol/s @ 100%)			
	CHANNEL 2	Far-Red (390 µmol/s @ 100%)			
	CHANNEL 3	White (480 µmol/s @ 100%)			
	CHANNEL 4	Blue (235 µmol/s @ 100%)			
Photon Flux (350-800nm)		Sample Recipe 1: R95:B5	Sample Recipe 2: R90:W5:B5	Sample Recipe 3: R80:W7:B5:FR8	Sample Recipe 4: R76:W6:B8:FR10
		5,180 µmol/s	4,950 µmol/s	4,807 µmol/s	4,783 µmol/s
Photon Efficacy (350-800nm)		Sample Recipe 1: R95:B5	Sample Recipe 2: R90:W5:B5	Sample Recipe 3: R80:W7:B5:FR8	Sample Recipe 4: R76:W6:B8:FR10
		4.26 µmol/J	4.07 µmol/J	3.95 µmol/J	3.93 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*			

†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	4-Channel	Dynamic	277-400V	Digital Dim to Off* *Digital dimming is based on RS485 standard. Compatible with with HLP protocol module enabled climate control systems. Luminaire can be dimmed to 20% of max light output.

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

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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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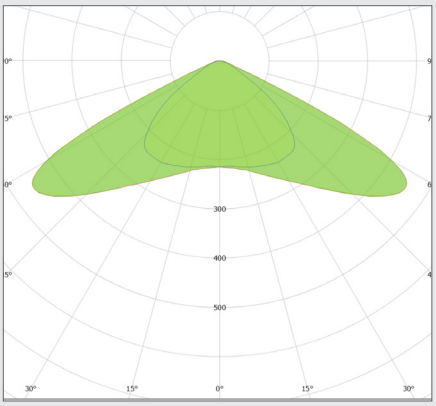
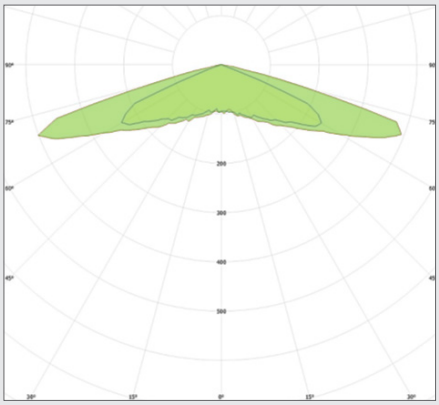
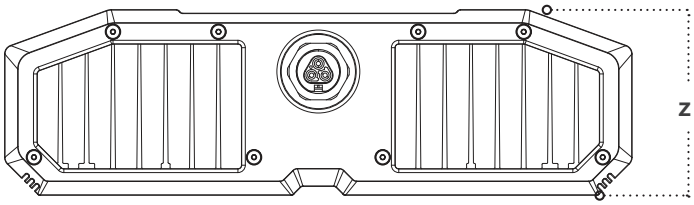


Medium Wide

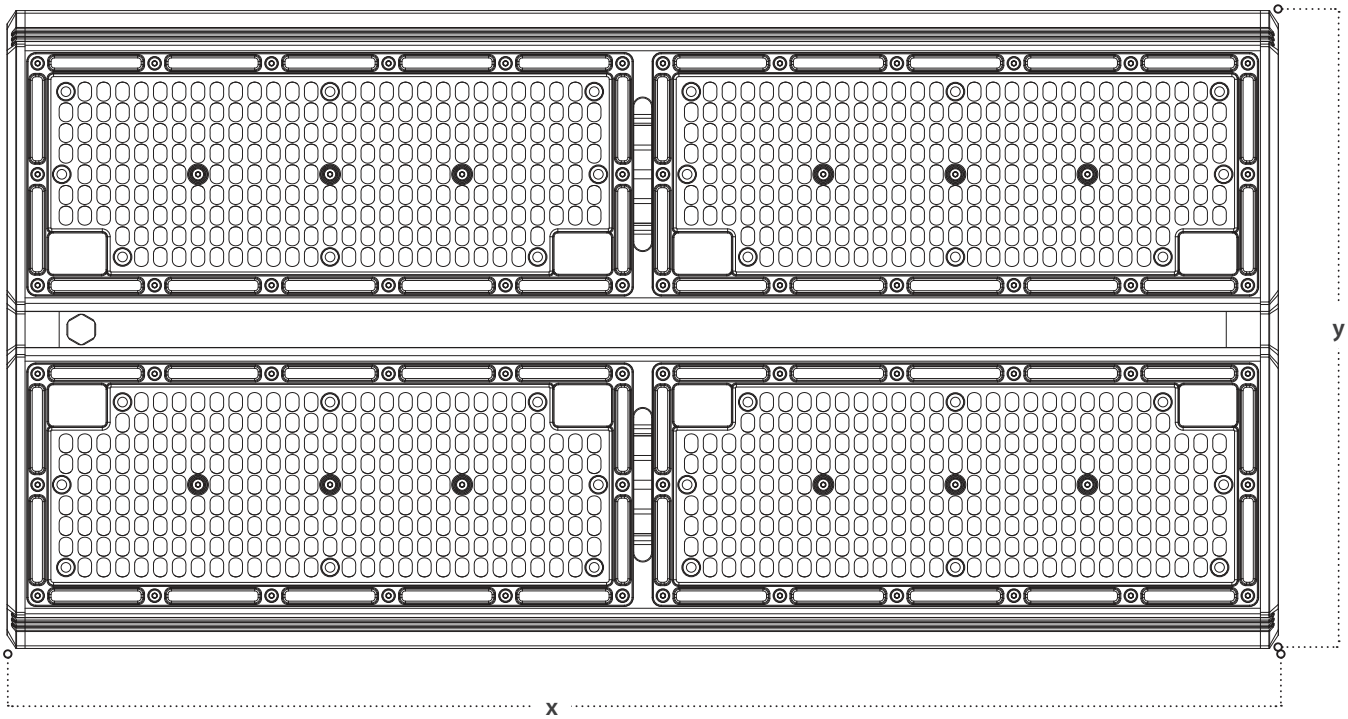


Ultra-Wide

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)	28.43 in (722 mm)
Width (y)	15.16 in (385 mm)
Height (z)	4.57 in (116 mm)
Weight	37.5 lb. (17.0 kg)



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