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THE LIGHTING KNOWLEDGE COMPANY

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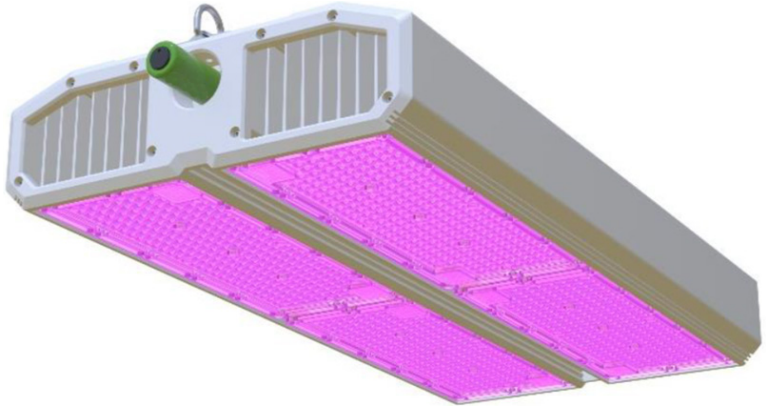

| PRODUCT | ParFX™ Ultra Max (3-Channel) |
|---|---|
| **Project** | |
| **Notes** | |

## 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 | 0.3 |
| | 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:W5:B6 | Sample Recipe 3: R81:W5:B6:FR8 |
| | | 4585 µmol/s | 4345 µmol/s | 4270 µmol/s |
| **Photon Efficacy** (350-800nm) | | Sample Recipe 1: R95:B5 | Sample Recipe 2: R89:W5:B6 | Sample Recipe 3: R81:W5: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* | | |

†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*<br><br>*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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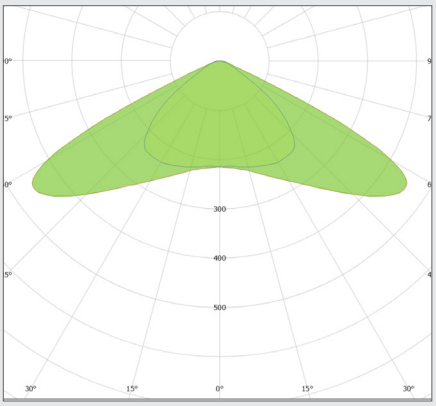
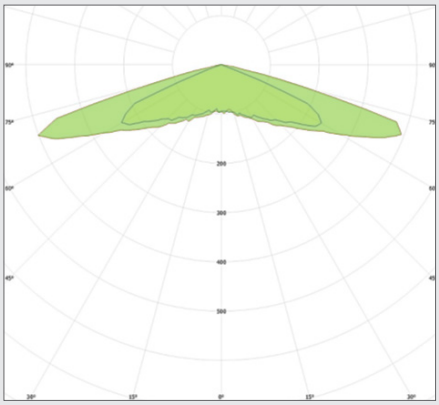
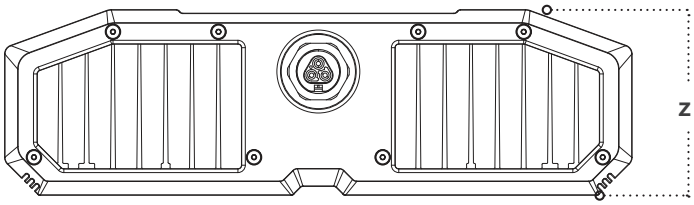


*Medium Wide*

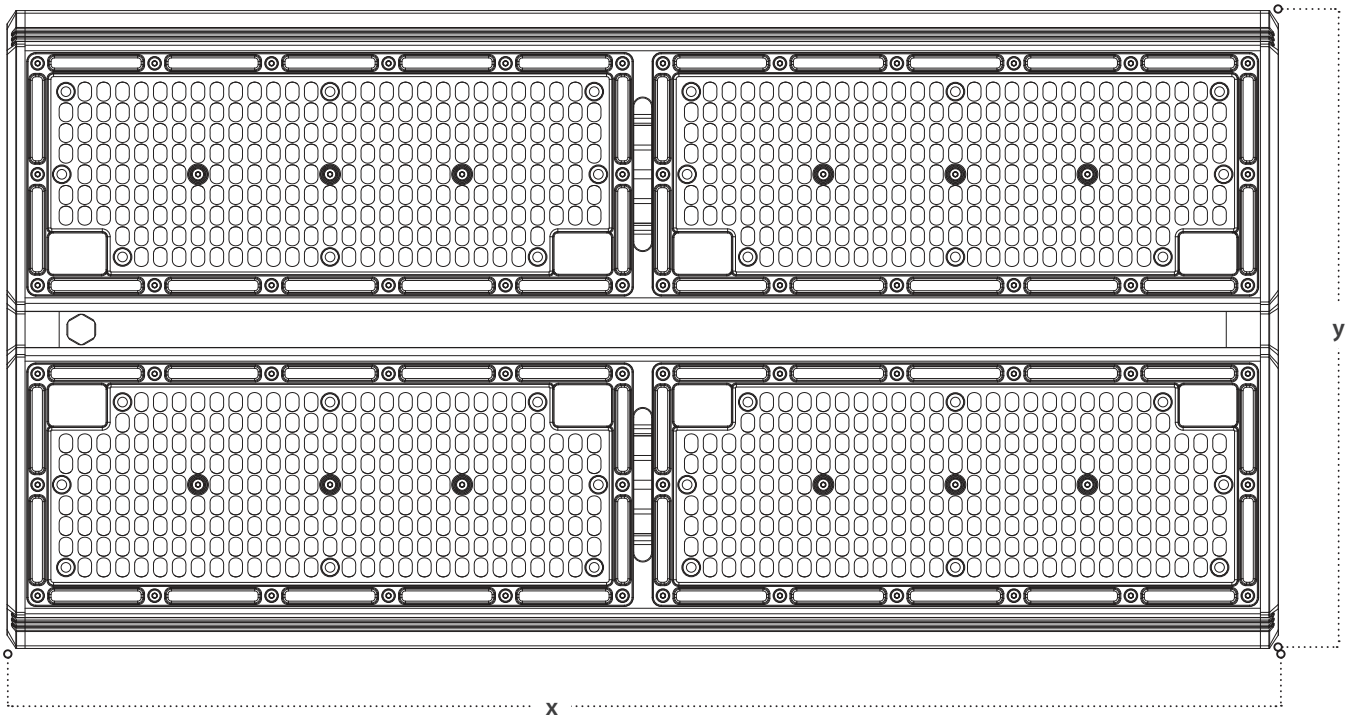


*Ultra-Wide*

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) | 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) |

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