PPF Tech
QUADZ
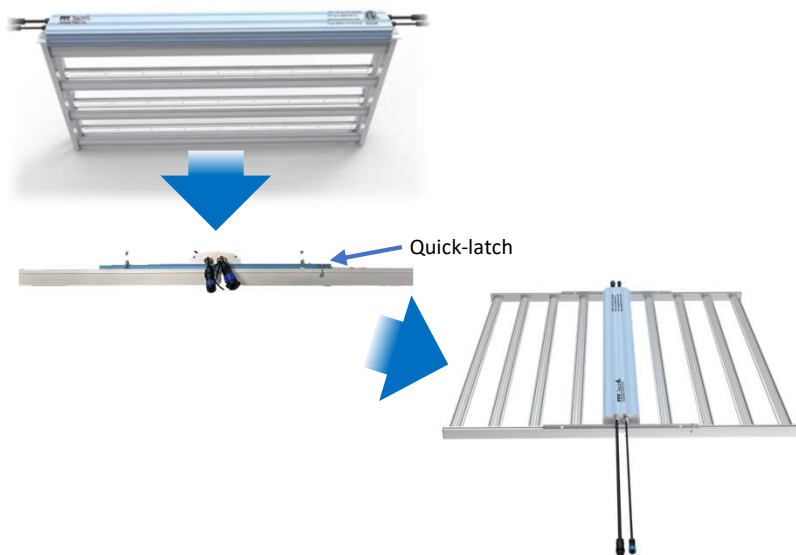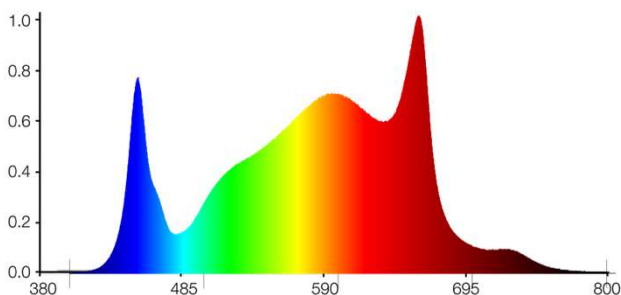
Features & Benefits

- Multi-beam technology for deeper light penetration
- Power Eco-link - daisy chain up to 5 fixtures per circuit
- Control link - daisy chain up to 50 fixtures per circuit
- Quick-latch mechanism for easy, secure installation
- Optimized, full spectrum including near UV and Far Red
- IP64 Rated Fixture – Protected from dust / splashed water
- IP65 Rated Driver for extra protection
- Secure M19 twist-lock power connections
- Large profile for wide light distribution
- 8-bar design supports even light distribution
- Quality components including Osram/Samsung LED arrays
- 0-10V dimming (OFF to 100%)
- 1,820 µmol at 660W (2.7 µmol/W)
- Long life – 50,000 hours (L70)

Quick-latch

Electrical

Input power (W)	660 ± 5%					
Input voltage (V)	120-277 auto sensing					
Frequency (Hz)	50 / 60					
Dimming	0-10V					

AC Voltage (V)	120	208	220	230	240	277
AC Current (A)	5.61	3.24	3.07	2.96	2.92	2.56
Power Factor	0.98	0.98	0.98	0.97	0.94	0.93
Max daisy-chain	2	4	4	5	5	5

Mechanical & Safety

Weight	25.1 lbs 11.4 kg
Dimensions (Inches) LxWxH	44.9 x 46.5 x 2.9
Dimensions (cm) LxWxH	114 x 118.1 x 7.4
Input leads (power + control)	24" (61cm)
Input/output power	M19 3-pin
Input/output control	M16 2-pin
Operating temperature (⁰C)	-20 to 45
Typical spacing (on-center)	4' - 5' (122-152cm)
Fixture rating	IP64
Driver rating	IP65
5 Year Warranty	

Output

PPF (µmol)	1,820
Efficacy (µmol/J)	2.7
Spectrum	Full + UVA + Far Red
CCT (Kelvin)	4000
Spectrum	Full cycle growth

46.5" 118.1cm

44.9" 114cm

1.2" 3.0cm

2.9" 7.4cm

CE ETL IP64 DIM
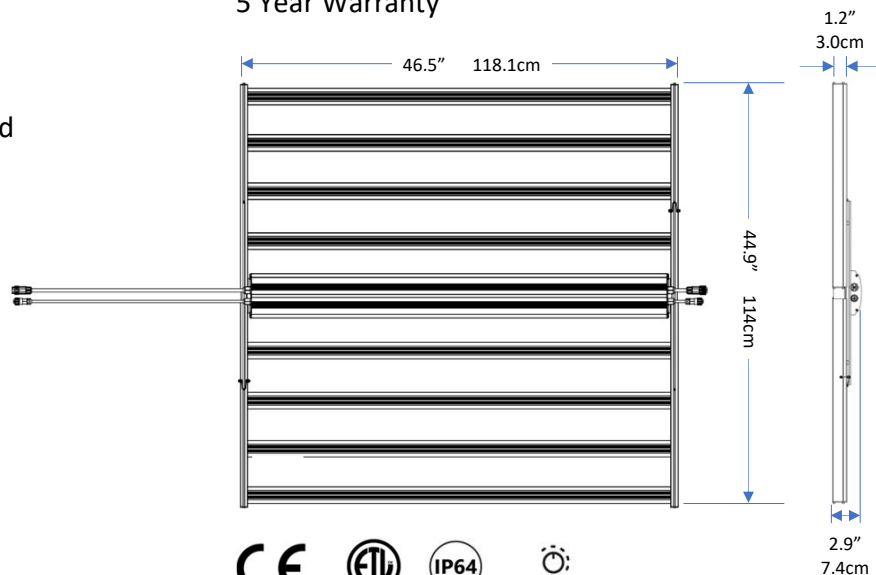
Ordering Codes: Power Cords

Code	Description
PC-14G-6-120	Power cord 6' (1.8m) with NEMA 5-15P 120V plug
PC-14G-6-220	Power cord 6' (1.8m) with Type I plug
PC-14G-6-230	Power cord 6' (1.8m) with Type E plug
PC-14G-6-240	Power cord 6' (1.8m) with NEMA 6-15P 240V plug
PC-14G-6-277	Power cord 6' (1.8m) with NEMA L7-15P 277V plug
PCF-14G-6	Fixture to fixture power cord 6' (1.8m) with M19 plugs
PCF-14G-10	Fixture to fixture power cord 10' (3.0m) with M19 plugs

Ordering Codes: Controls

Code	Description
CC-5-1	Fixture to fixture control cord 5' (1.5m) with M16 plugs
CC-10-1	Fixture to fixture control cord 10' (3.0m) with M16 plugs
CD-3	Control – Digital with M16 connection
CDX-1	Control – Touch screen with M16 connection, optional PAR sensor
RJ-M16	Conversion cable 5' (1.5m) RJ12 to M16

For extended runs or to start a new row:

PCF-14G-5 or PCF-24G-10: Fixture to fixture power cable ▬▬▬▬▬

CC-5-1 or CC-10-1: Fixture to fixture control cable ▬▬▬▬▬

Power Cord Options

PC-14G-6-120

PC-14G-6-220

PC-14G-6-230

PC-14G-6-240

PC-14G-6-277

Control Options

RJ-M16 cable. Connects fixture to Trolmaster or other control systems having RJ output and 0-10V dim

or

CD-3 or CDX-1 Control
PPF-Tech control system
Up to 60 fixtures per circuit